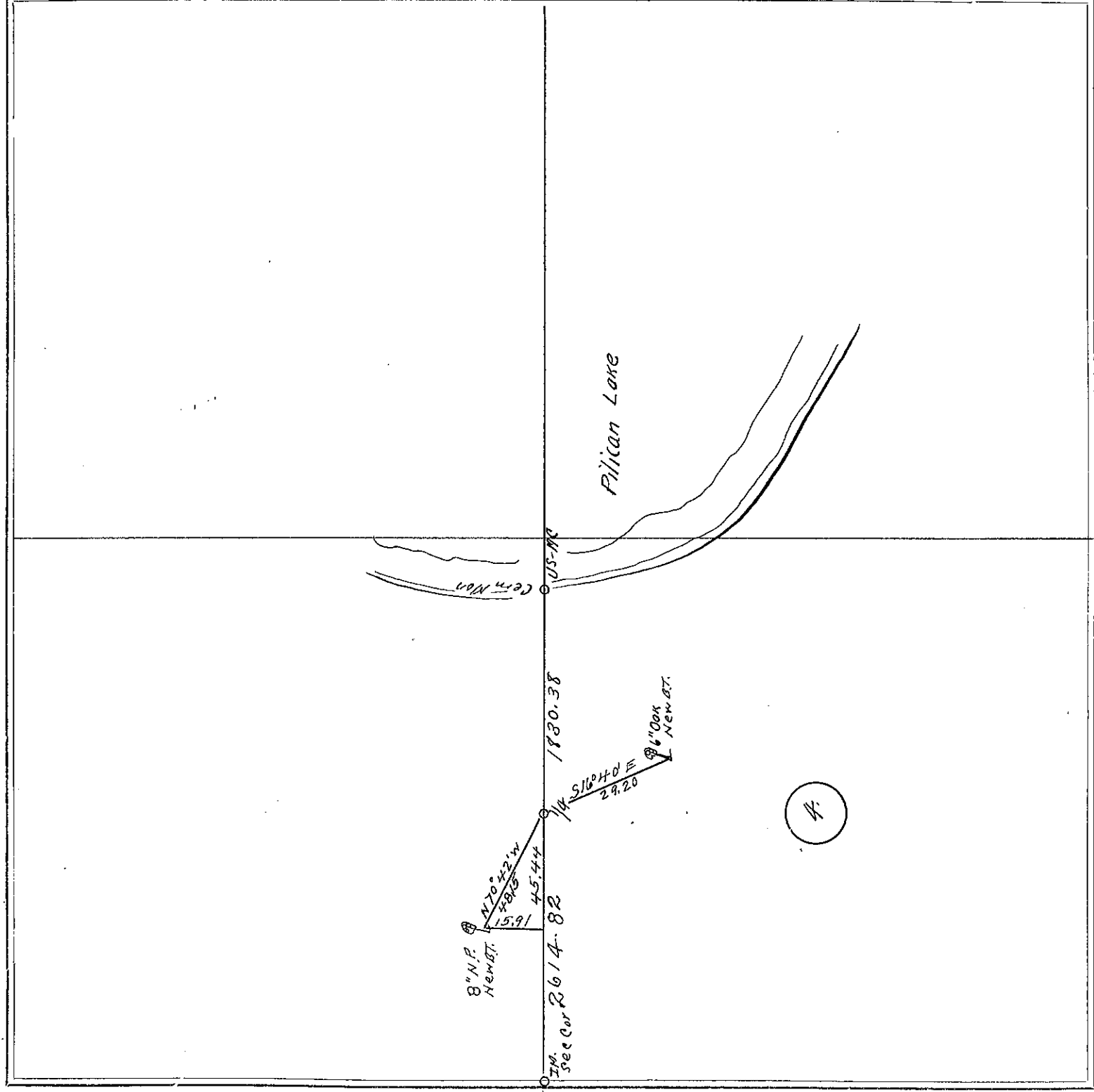




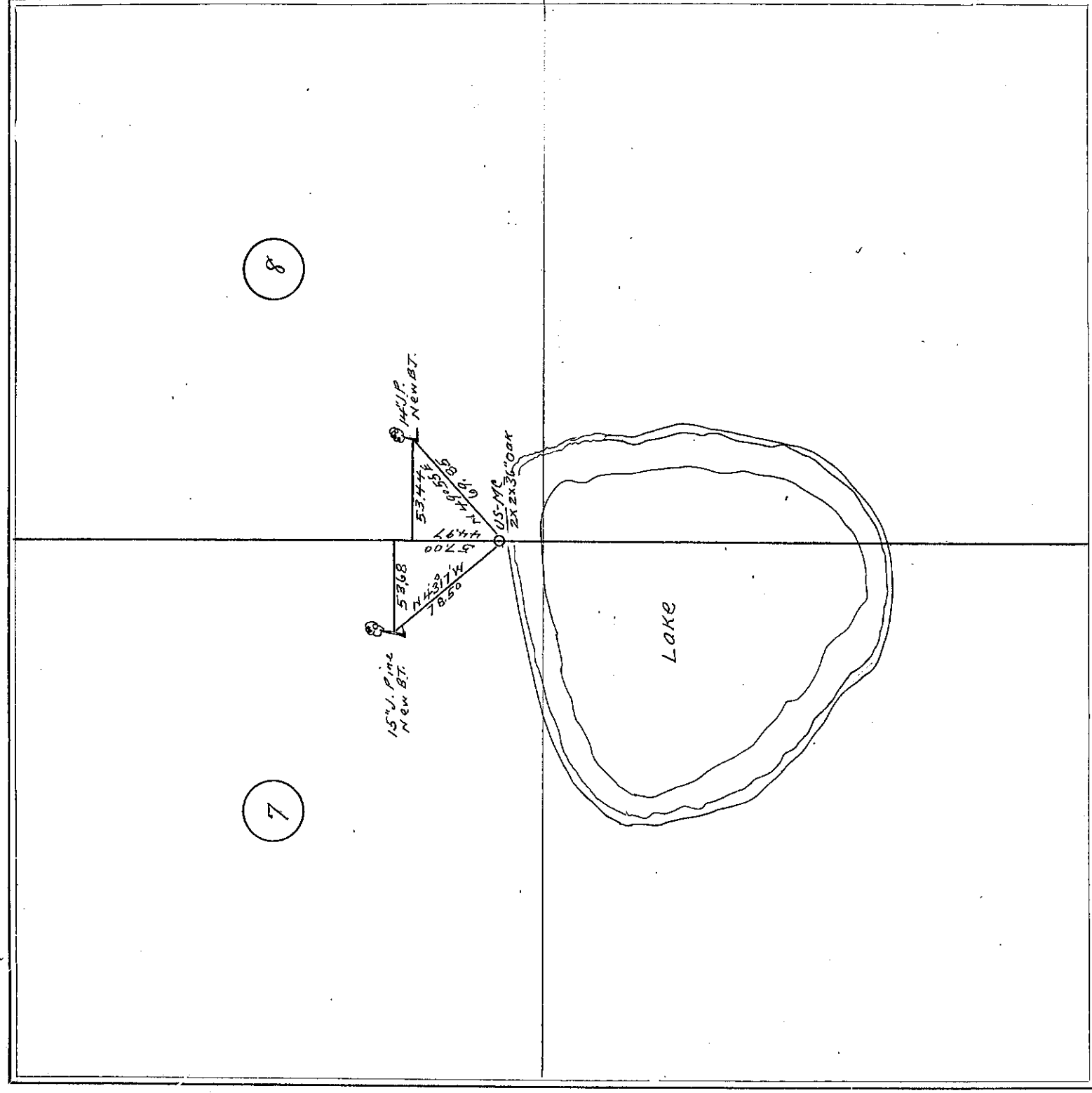
FIELD NOTES.

Survey extends over a part of:
 Section 2, T. 8, R. 17, 18, 19, 20, 21, 28, 29, 30,
 T. 30, R. 28 W., also
 Section 33, T. 136 N, (P. 28 W.)
 Town 135 N, Range 28 W. (P. 28 W.)
 Town 135 N, Range 28 W.

The notes of the survey of a part of sections
 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

(1) the meander corner between sections 2, 3, and
 20, T. 135 N, R. 28 W., on the North line of a lake
 the U.S. notes call for the most and:
 137° 14' 35" (221.10 ft)
 136° 14' 48" (231.64 ft)
 the N.E. tree standing is seen in a fairly
 straight line which was of 313130 and stake
 at center of corner and distance
 with the old N.S. bearing line N.E. corner turned
 from the true section line looking N. which reads:

Sections 7 and 8 Town 135 N. Range 28 W 5th PM



FIELD NOTES.

8° 45' variation magnetic E. He also found the remains of the old N. W. bearing tree. From this tree, measured corner measurements were bearings as follows:

1st corner - Norway Spruce, N 71° 33' W. 38.20 ft.

Then as a check, we run:

1st SECTION 24, T 135, R 28, N 36° E 31.68 ft. to 2nd corner
 2nd old N. E. bearing tree: thence South 25.63 ft. thence W 18.67 ft. corner: thence

1st SECTION 30, T 135, R 28: N 71° 33' W 38.20 ft. to the 5th corner Norway Spruce: thence South 11.88 ft. thence East 36.31 ft. to the mean road corner which sets 35 feet South of water and gas of 1st corner. (a hole in cement measurement he has 4.00 feet N. 60° and 30 of a foot N.

From the N. 60° line runs North on true line between sections 24 and 30. T 135 - R 28, at 40.30 corner of old N. S. road. thence E 20° at 100 set hub: at 108.04 Old hub: at corner at 401.77 intersection corner of 1st and 2nd sections. Hub set for the trees close to section 20, 29, 30, T 135, R 28 where N. S. notes call for Lost and.

White Pine, 25'-inch S 13° W 75 links (= 46.18 ft.) Norway (Pine) 6'-inch N 40° W 40 links (= 32.81 ft.) The corner of the 1st cement block at 1st section corner is marked by an old money, each

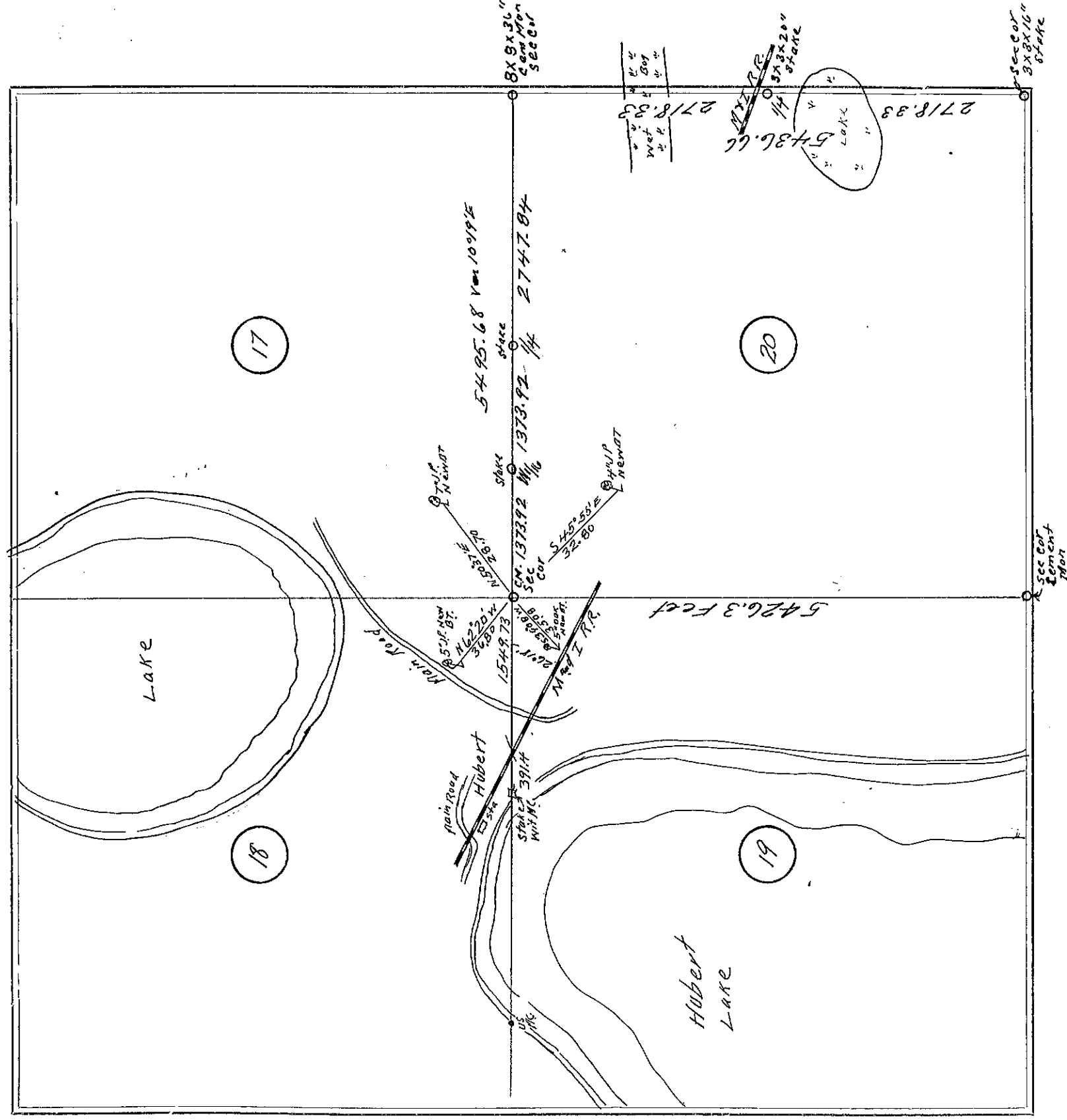
SURVEY No. 150

Sections 17-18-19-20

Town 135 N

Range 28 W

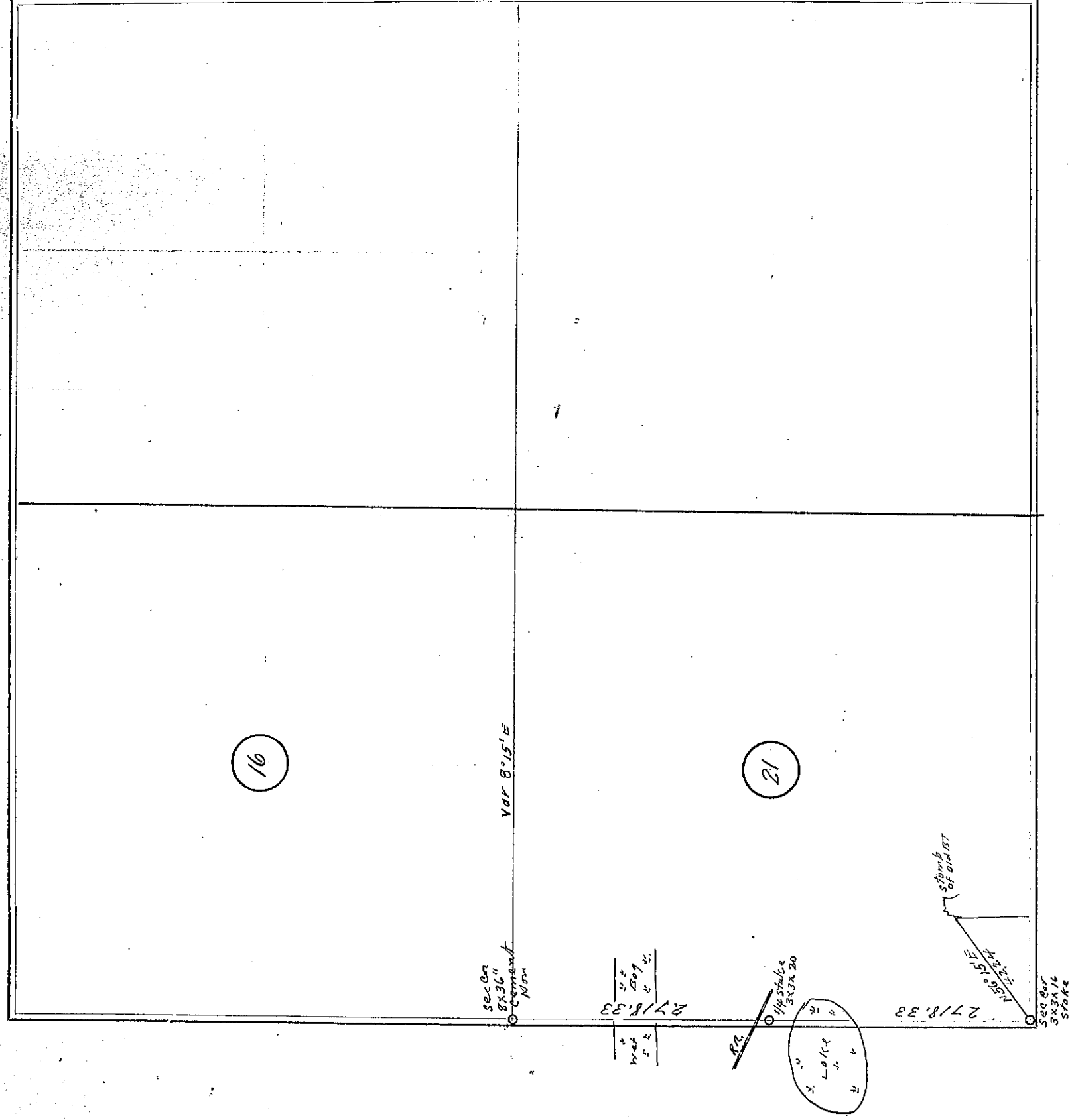
5 A PM



FIELD NOTES.

in the cement. We do not have time to
 for the 20.5 bearing trees, but from this
 corner we have sight S of the 17. the
 tree 20.6 and carefully chaining from the
 corner section corner runs:
 North by trees sections 18 and 20. T 135. P 28.
 135 feet enter existing bog: at 500 stake
 on left 10.5 ft E. of solid land bog runs across
 to pond; 10.5 ft to East at 600 N stake: in bog 200
 feet E. 20 left ground: 170 N. bog NE 4.5 W: at
 stake: 104.3.60 N. set hub: 1200 stake: at 1448
 well traveled road. corner N. E. S. W. 1500
 and 1500 set stakes: stakes not on lines:
 at 2000 corner road: N.W. T.S. E. 135 200 set 1 paper:
 at 224.70 hub: at 24.10 set stake: at 2442.0 hub:
 at 2700 stake: at 211.00 set hub: at 211.00 cement
 monument with a line of 100 feet 4 ft long
 100 ft in top set East 40 ft. two off roads
 to the East, the 100 corner the corner 19 and 20.
 1300 19 28. where 20.5. water call for last in S:
 1120 (Dimes 17 creek. 10 23. 18 ft (19. 46 ft)
 14 " S 24. 4. 12 " (= 82.50 ft)
 we do not have time to look for those trees
 when approach to be. heard and all gone: a
 17. 20. 19. bog. 100 feet East of this point:
 in the 24. 25. 40 set hub: at 300 set stake: at
 200 1 day point of this bog. now extends West 100 ft.

Sections 16 and 21 Town 135 N Range 28 W 5:14 PM



FIELD NOTES.

at 3160 Sw. bog; at 3300 set stake; at 3338.75 set hub;
at 3483.60 set hub; at 3600 stake; at 3690 (road N.E. & S.W.)
at 3900 stake; Center East end of alim - 2200 m
bog - 20 by 20 ft. East and 600 ft. S.W.;
at 3950 Sw. bog which will average about 150 ft.
wide its entire length;
at 4111.70 set hub from which a current was
current bears East 3.10 ft.; at 4200 set stake; at
4313.00 road bears N.W. & S.E. at 4370.80 set hub at
4500 set stake; at 4674.70 center of N.W. corner of
bears, N.W. & S.E.; at 4800 stake in S.W. corner of
field; at 4819.53 hub in W. edge of field. 100
ft. by 100 ft. stake; at 5426.30 corner of road - went
to back to the corner to sections
17, 18, 19, 20, T 135. - (P 38, bears East 4-40 ft; at 553.10
set hub; was reads 8' 30" E. 5700 stake; at 5800
set stake; at 6000.30 corner all hub; at 6111.50 stake
main road; bears W. 20 ft; East and S.E. 10 ft. 20 ft
road; corner this line straight stake to a
point 20 ft. north of the corner to section 17
at 19 20 stake in the W.S. distance 17 ft. to the
corner. the line sections 17 and 18 on the south
shore of Rice Lake. at which point S.S. note
call 15 ft. 10 ft. corner corner

Horvay (Pine 16 inch, 5.40 E 193 links;
" " " " 100 W

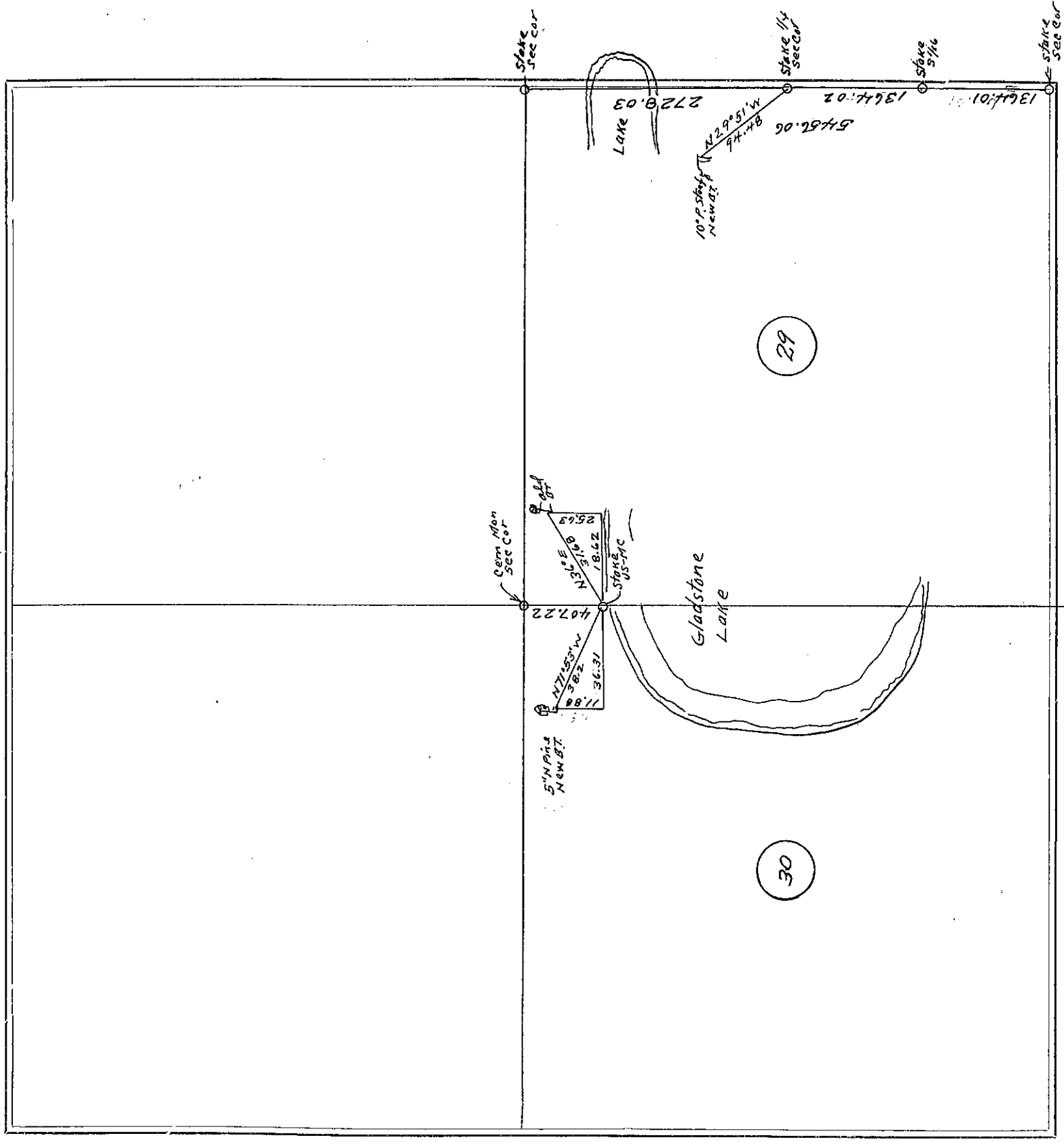
We do not find them and shoot - no

SURVEY No. 150

Sections c 29 and 30

Town 135 N

Range 28^w 5th PM



FIELD NOTES.

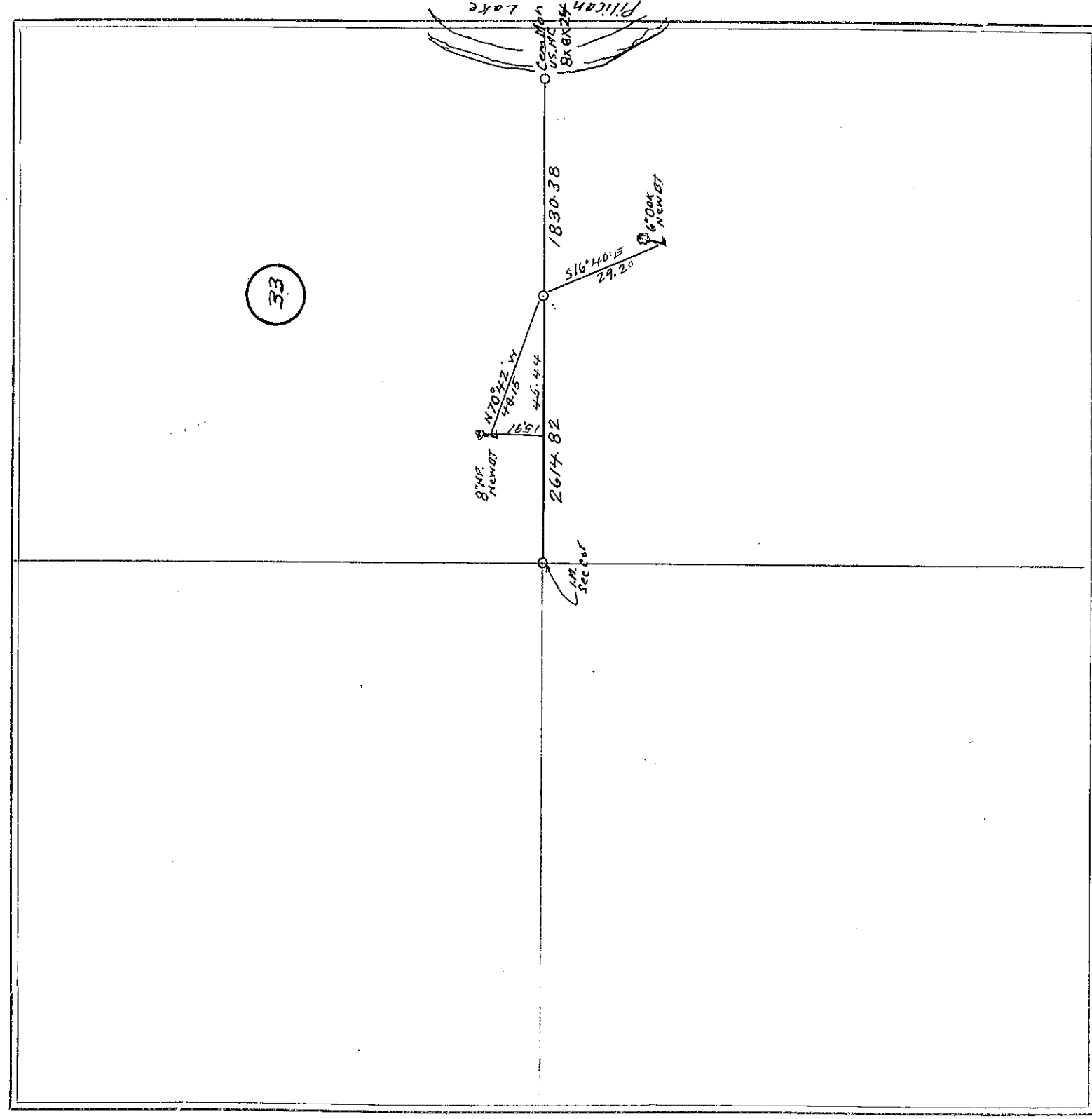
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SURVEY No. 150

Section 33

Town 136^N

Boone 28 W 5¹⁴ PM



FIELD NOTES

Black Pine 10 inch N. 38° W 17' Lixko
" " " " S 62° W 33' "

[illegible]

54 17.10 ft. west the corals to sections 15, 16, 17, 20
beats south 19.30 feet which would mark the
100 ft. the true line. the reason for this is
the distance of 34 to 60 feet and the faces have
been 100 feet 20 ft. 10 ft. 10 ft. 10 ft. 10 ft.
the standard line. The distance from the
100 ft. 100 ft. 100 ft. 100 ft. 100 ft. 100 ft.

1821

The first section of the
 report, the second of the
 third, and the fourth of the
 fifth, are the most important
 parts of the report.

14709. *Salix* sp. - very fine, green, tall.

Section Town Range

FIELD NOTES.

stakes marked "true section line" and "true."

137 ft. 20 West should go S 1° 22' E, 44.6 ft. for point for the true East 1/4 corner of section 11 and 20, but they do not stand to stake time to set this:

At 27 48.40 West in. 2. S 1° 22' W E 11.20 feet and set a 114 x 40 inch oak stake for the true 1/4 corner between sections 11 and 20 which was time to set new bear. 25.

At 4.22.60 West we run S 1° 22' E 148.80 feet and set a 3 x 3 x 30 inch stake for the true 1/4 corner between sections 11 and 20.

At the corner to sections 17, 18, 19, 20, 7
R 28 W we found the corner post from survey
established by survey S. W. 1/4, 20. Survey set
from the old U.S. bearing tapes used at a time
established wire cross rods with corner
surveying bearing, tapes which stand in place
6 with Jack line. N 53° 53' E 26.2 feet
6 " " S 24° 15' W 13.15 feet
6 " " S 80° 20' E 23.70 feet

This corner was recognized and used by the
U.S. surveyors who made the water survey
to prepare logs used in construction of the
old iron corner and put it in its place.

Section Town Range

FIELD NOTES.

flag for the purpose of establishing the true
 course of the line, they carry the line
 half a mile East and mark the transect
 on line between the paper flag and
 flag set at the corner to sections 17, 18,
 19, 20, & 135. At 28 add the necessary chain
 West along the true section line the true
 sections 18 and 19; at 591 feet West set
 stake in East edge of wet marsh; then
 I get the distance across the marsh by
 triangulation and find distance 555.75
 feet. Stake on West edge of Marsh and
 another stake 69.10 feet further West to my
 triangulation hub.
 At 561.0 W. enter wet marsh; at 436 W.
 Low marsh; at 946.73 hub; at 1073.83 W. - hub
 all on section line; at 1549.73 feet West
 center of M & J. C. R. track; at 1941.13 feet
 West set in 41413 2-rayed sand oak.
 Post for Witness. Measure to men on East side
 of Lake. Hub between sections 18 and 19
 Post set on sea wall 50 feet East of waters
 edge, by way of the section line; at 1484.43
 West. Drive hub on true section line 3.00 ft.
 from center of section post in line with
 center of Hub. Block of timber
 27 feet South angle of the R. R. track with
 the section line 1038 feet West of the section

Section Town Range

FIELD NOTES.

Way for about 1000 ft. it got from the south
 line of Section 18 to the temporary West. 1/2 Sec. 21. 21. 21. 21.
 of the Temp. section and in part is for clear.
 beginning at the N.E. corner of Section 21, T 135-
 R 28, thence West along the section line of 21-
 20, and 19, until it reaches the R. R. right of way.

To survey out the two miles of section line for a
 proposed Temp. road running South between sec.
 20 and 21, and sec. 21 and 29, T 135- R 28
 we begin at the cement monument to begin
 to sections 16, 17, 20-23 and on random line
 South between sections 20 & 21, setting stakes
 on line every 300 feet. at 1056 S, center (then
 mark-bay area) E 4. W; at 1540 S. Sec. line, then
 E 4 W; at 2614 ft. S., old main road house
 E 4 W; at 2640 S, set temporary monument
 between sections 20 and 21, where W. S. notes
 call for post, and the following bearings & distances:
 Black Horse 1 ranch, S. 40° E. 1/2 mile (= 5-28 ft.)
 " " " S. 84° W. 91' (= 64.02 ft.)
 W. S. do not stop to look for these but continue
 South; at about 2140 ft. was 218 S. 1/2 mile
 at corner of W. and S. E. now frozen over, we
 chain on the line; at 3335 ft. W. S. have 518 W.
 at 3388 South set hub from which the corner
 of section 20, 21, 28, 24, 25, 14 240.70
 feet.

FIELD NOTES.

11. The corner to section 20 21, 22, 23, 24 T 135- R 21
 12. The corner to section 20 21, 22, 23, 24 T 135- R 21
 13. The corner to section 20 21, 22, 23, 24 T 135- R 21
 14. The corner to section 20 21, 22, 23, 24 T 135- R 21
 15. The corner to section 20 21, 22, 23, 24 T 135- R 21
 16. The corner to section 20 21, 22, 23, 24 T 135- R 21
 17. The corner to section 20 21, 22, 23, 24 T 135- R 21
 18. The corner to section 20 21, 22, 23, 24 T 135- R 21
 19. The corner to section 20 21, 22, 23, 24 T 135- R 21
 20. The corner to section 20 21, 22, 23, 24 T 135- R 21

11. The corner to section 20 21, 22, 23, 24 T 135- R 21
 12. The corner to section 20 21, 22, 23, 24 T 135- R 21
 13. The corner to section 20 21, 22, 23, 24 T 135- R 21
 14. The corner to section 20 21, 22, 23, 24 T 135- R 21
 15. The corner to section 20 21, 22, 23, 24 T 135- R 21
 16. The corner to section 20 21, 22, 23, 24 T 135- R 21
 17. The corner to section 20 21, 22, 23, 24 T 135- R 21
 18. The corner to section 20 21, 22, 23, 24 T 135- R 21
 19. The corner to section 20 21, 22, 23, 24 T 135- R 21
 20. The corner to section 20 21, 22, 23, 24 T 135- R 21

Section Town Range

FIELD NOTES.

huber. and "tall stakes marked "round corner" section line.

Beginning at the corner to section 28, 29, 30, 33, 70135' A 28' run on railroad line North between sections 28 and 29 over 200' last year's transit line; at 2649, set hub. for corner between sections 28 and 29. Run 41 1/4' corner between trees are gone. Stake and old W. S. bearing trees are gone. At 3890, N, entering wet marsh or lake where we chain on the ice, marsh bears N. E. & S. 21.1' 43' 20" to marsh or lake which bears N. W. & S. E. at 5980 North, set hub from which the corner to sections 20, 21, 28, 29, bears N. 43° 04' E 727.20 feet.

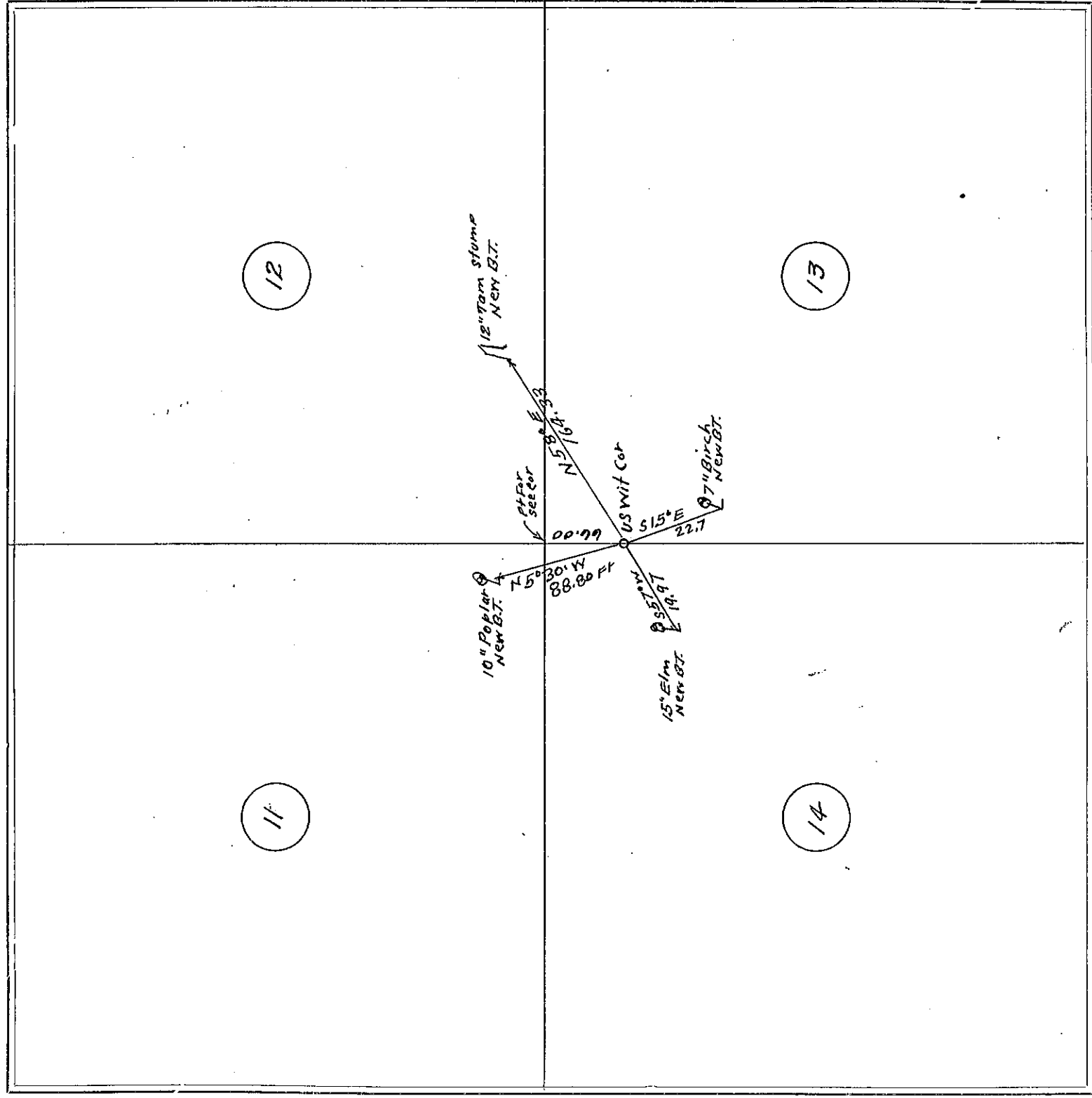
A or section
The connection is 09476 of a foot East for each foot North. At 543-369 North the line was heard East 62.31 feet and the total distance by way of the track section line is 543.606 ft. At 5640. N, run N 43° 04' E, 118.85 feet and set 212178 inch stake for the true 1/4 corner between sections 28 and 29, T 135', R 28 with new bearings as follows:
15 inch Pine (top) N 31° E, 54.70 feet in section 28.
" " N 24° 51' W 44.48 feet in sec. 29.
10 inch " " N 24° 51' W 44.48 feet in sec. 29.

SURVEY No. 151

Section 5.11-12-13-14

Town 135^N

Range 29^W 5th P.M.



FIELD NOTES.

Survey extends over a part of Secs. 11, 12, 13 & 14, Twp. 135^N R. 29^W. Crow Wing Co. Minn.

Field notes of the survey of a part of Secs. 11, 12, 13 & 14, Twp. 135^N R. 29^W, 5th P.M., and the systematic search for old W.S. bearing trees and corner posts, and the establishment of new bearing trees as surveyed by and under the direction of John W. Cross, County Surveyor, Crow Wing Co. Minn., at a point for the corner to Secs. 11, 12, 13 & 14, T. 135^N R. 29^W falls in a stream the notes and the notes of the W.S. survey call for a witness corner 100 p.lks. S., being 66.00 feet distant with the following bearing trees to the witness corner: White Pine 30", S 9° E 34.40 ft. (= 22.44 ft.) Norway Pine 30", S 69° W 75.40 ft. (= 49.50 ft.) We find the old notched stake and the stump of both old U.S. bearing trees which I set a new stake being a 31.34 30 inch poplar stake, set for the W.S. witness corner from which the stumps of both old W.S. bearing trees about perfect for corner and distance called for in the W.S. field notes.

Magnetic Var. reads 10° E.

We mark new bearing trees as follows:

12" Larva tree stump, bears S 58° E 10.13 ft. distant in Sec. 11.

10" Larva tree stump, bears N 5° 30' W 88.80 ft. distant in Sec. 11.

15" Elm tree, bears S 57° W 19.97 ft. distant distant on Sec. 14.

7" Birch tree, bears S 15° E 22.70 ft. distant in Section 13.

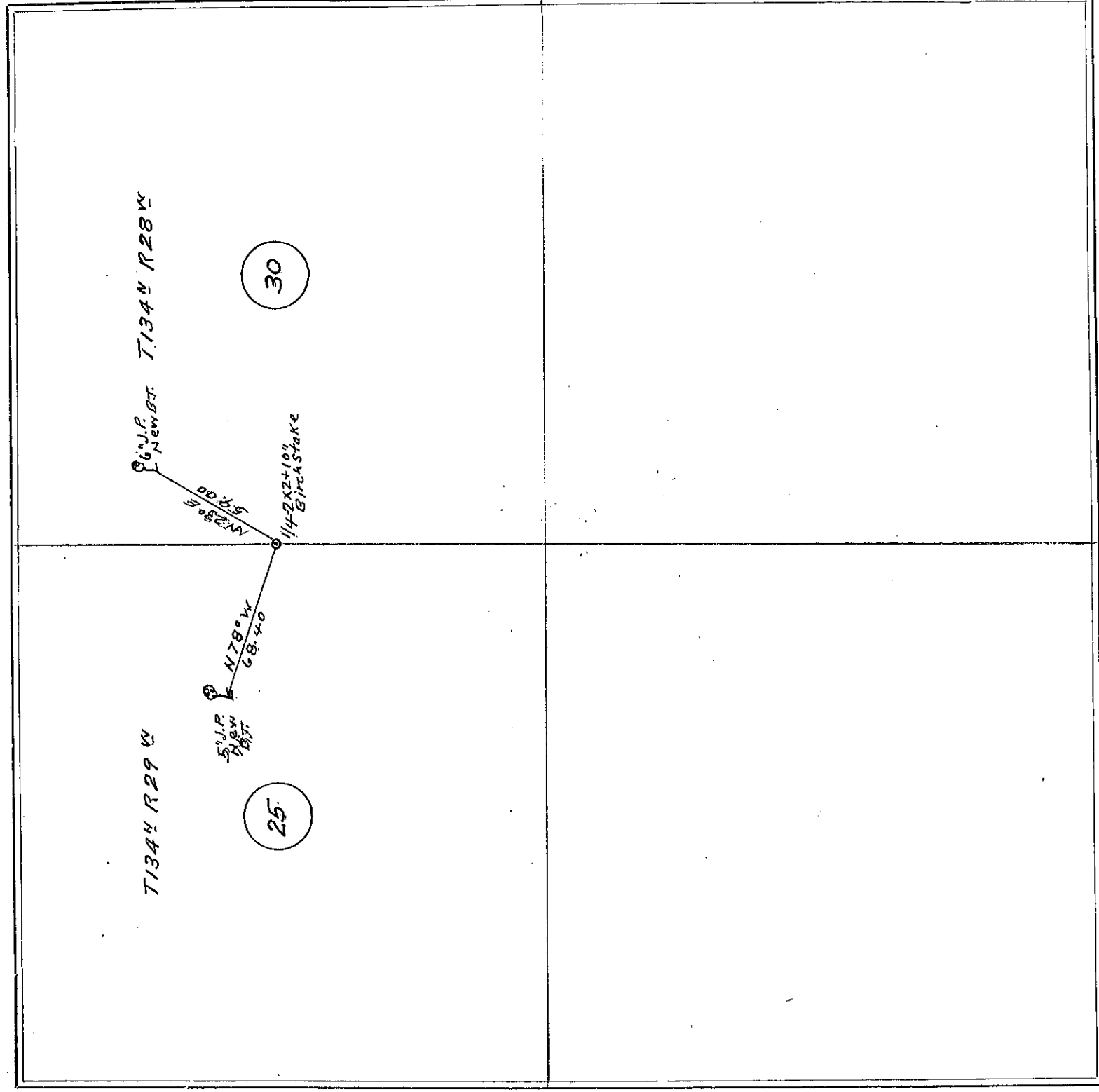
The point for the true corner to Secs. 11, 12, 13 & 14, falls in the stream at a point 66.00 ft. North. All in Twp. 135^N R. 29^W, 5th P.M. Survey extends over said Secs. according to the plat herewith. Surveyed & recorded May 1 at 1920. J. W. Cross, Co. Surveyor; Crow Wing Co. Minn.

Section 25
Section 30

Town 134 N
Town 134 N

Range 29 W
Range 28 W

5 M PM
5 M PM



FIELD NOTES.

Survey extend over a part of Secs. 25, T 134, R. 29. Crow Wing Co, Minn.

Field notes of the survey of a part of Sec. 30, Twp. 134 N. R. 29 W, 5th W. Crow Wing Co. Minn. and the establishing of new bearing trees in said Secs, as surveyed by and under the direction of John W. Cross, Co. Surveyor.

At the 1/4 corner between Secs. 25 and 30, on the Range line between Twp. 134, Range 28 and 134, Range 29, at a point previously established by me, set from the remains of the old W. S. bearing trees a corner a 21.12 inch Birch stake for the true 1/4 corner with new bearing trees as follows:
 Jack Pine 6" N 73° E 59.00 feet in Sec. 30, T 134, R. 28.
 " 5" N 76° W 66.40 feet distant, in Sec. 25, T 134, R. 29.

Survey extends over said sections according to the plat herewith.

Surveyed & Recorded May 1st, 1930.

John W. Cross

County Surveyor Crow Wing Co, Minn.

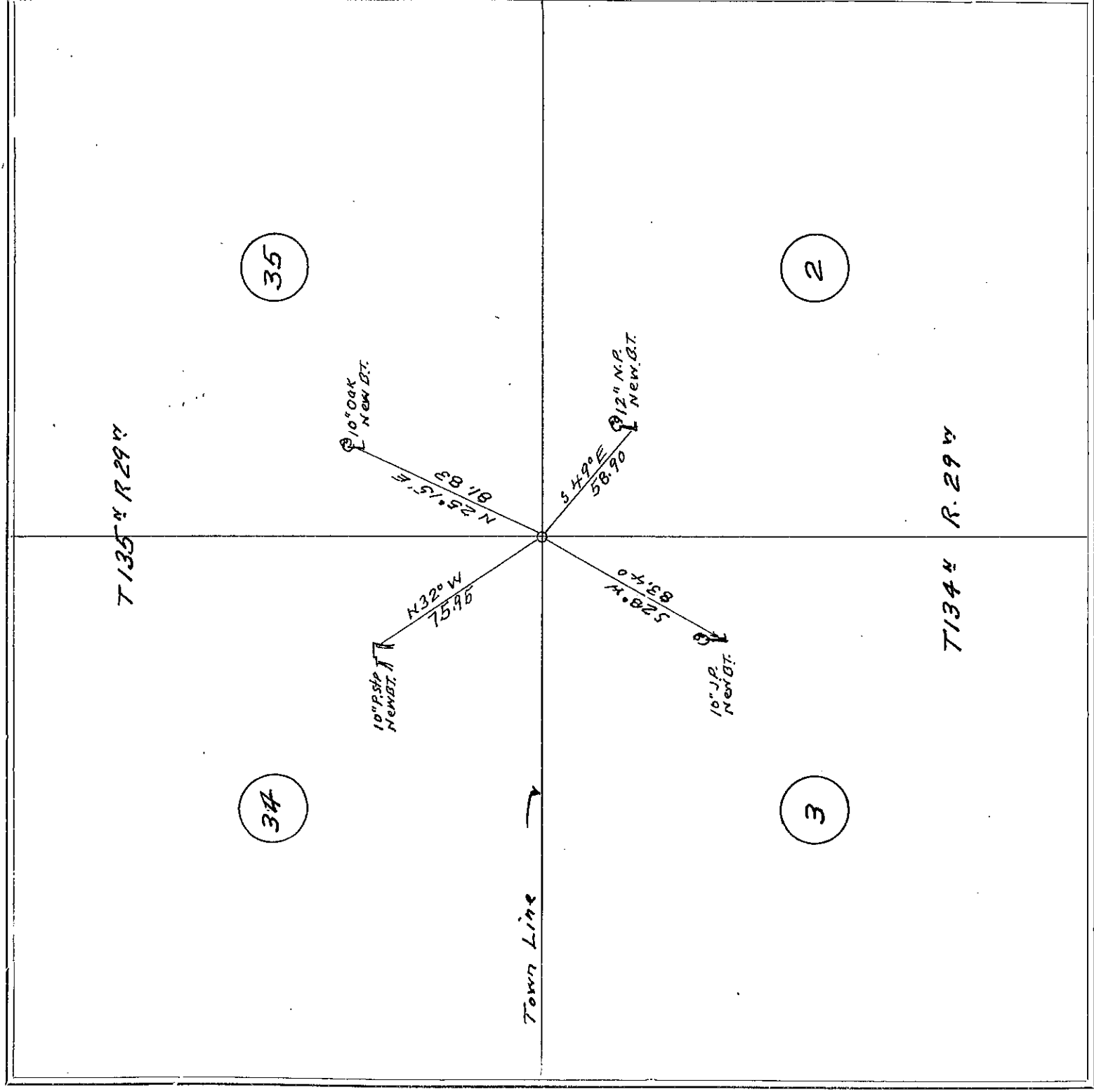
SURVEY No. 153

Sections 2 and 3
Sections 34 and 35

Town 134 N.
Town 135 N

Range 29w
Range 29w

54 PM 54 PM



FIELD NOTES.

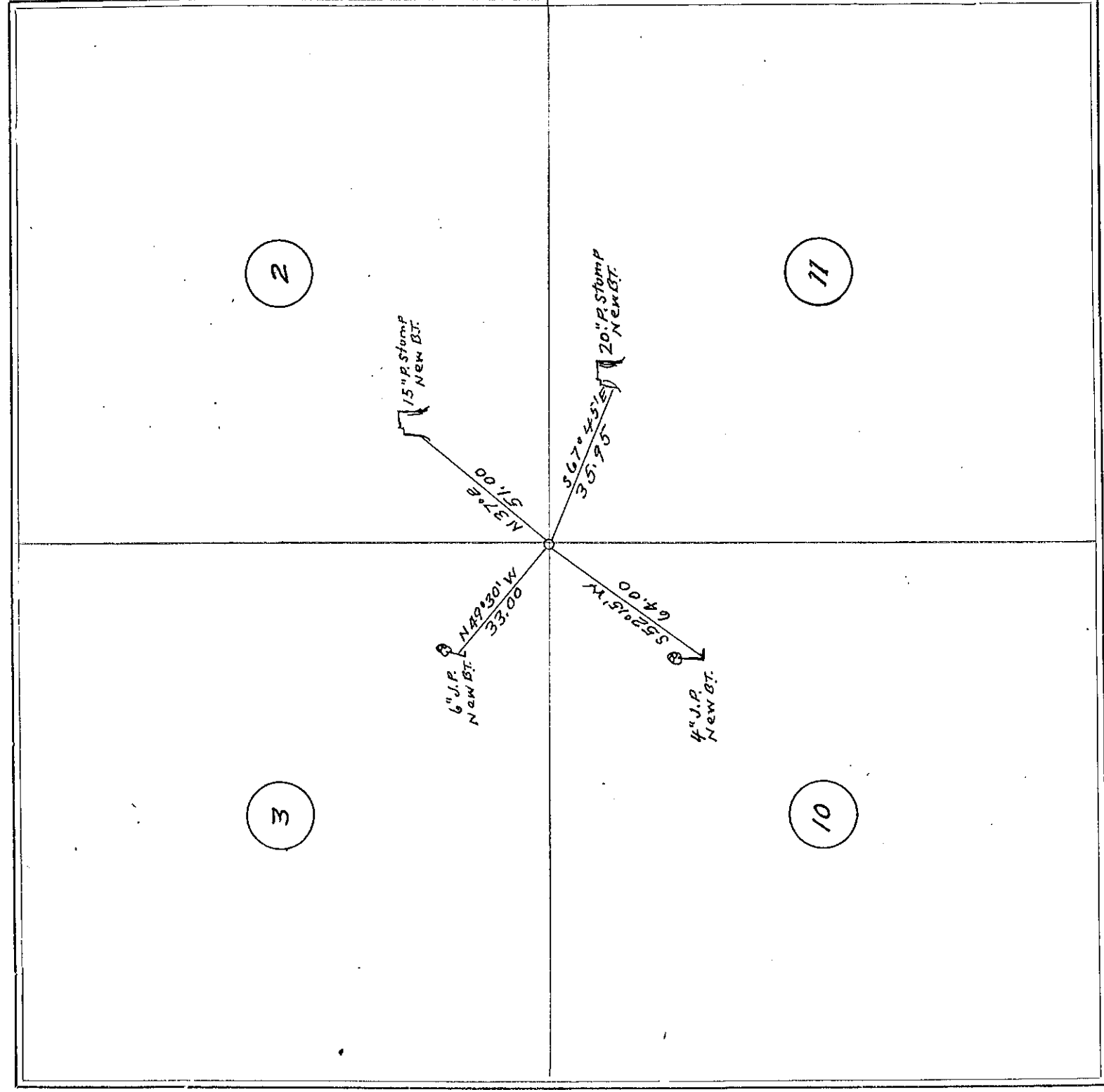
Survey extends over a part of Sec. 2 and 3, T13N,
R24, and Sec. 34 & 35, R9, Crow Wing Co. Minn.

Field notes of the survey of a part of Sec. 24.3 T134 N, R. 29 W and Sec. 34.5 T135 N, R. 29 W. Cross, Wing Co. Minn. and the establishment of new clearing trees in said Secs. as surveyed by and under the direction of John W. Curtis, County Surveyor at the corner common to Sec. 23.334 & 30.5 bet. Twp. 134 & 135 N, R. 29 W. & 29.5 & 44.4 Oak stakes for the trees Sec. 29.50 - which checks out with the remainings of the old N. S. bearing trees: roots, then grayly spew bearings as follows: 10 inch Oak $\angle 25^{\circ} 15'$ E 81.88 feet distant to spot at base of tree. N. Sec. 33.5 - T135 N, R. 29 W. Pine $\angle 26^{\circ} 10'$ inch, N 32 W 75.90 feet distant to Sec. 34 T135 N, R. 29 W. 10 inch Jack pine, S 28° W 83.40 feet to spot 3 ft high on side of tree in Sec. 3, T134 N, R. 29 W. 17 inch Norway Pine, S 49° E 58.90 feet to spot 100 yds. of tree 3 ft above ground, $\angle 14$ Sec. 2 T134 N, R. 29 W. 5th. P. M. Survey extend over said Sec. according to plat herewith, Sec. 29.50 and recorded May 3, 1920.

John W. Carr
N. J. Co. Surveyor Cross Wing Co. Wm.

SURVEY No. 154

Sections 2-3-10-11 Town 135^N Range 28^W 54^{PM}



FIELD NOTES.

Survey extends over a part of Secs. 2, 3, 10, 11, 15, 16, 24, 27, 28, 33 & 34, T 35^N, R. 28^W Crow Wing Co. Minn.

Field notes of the survey of a part of Secs. 2, 3, 10, 11, 15, 16, 24, 27, 28, 33 & 34, T 35^N, R. 28^W, Crow Wing Co. Minn. and the establishment of new bearing trees and set a 2x4x9 section stake for the true sec. corner with a new bearings as follows:

15 inch. pine stump N 37° E 51.10 feet distant in sec. 9.
6. inch Jack pine N 49° 30' W 33.00 feet distant in section 3.
4 inch Jack pine S 59° 15' W 64.00 feet in section 10.
30 inch pine stump S 67° 45' E 35.95 feet in sec. 11
all in. top: 135^N, R. 28^W Minnesota Jan. 1880
also Sec 7° 46' E.

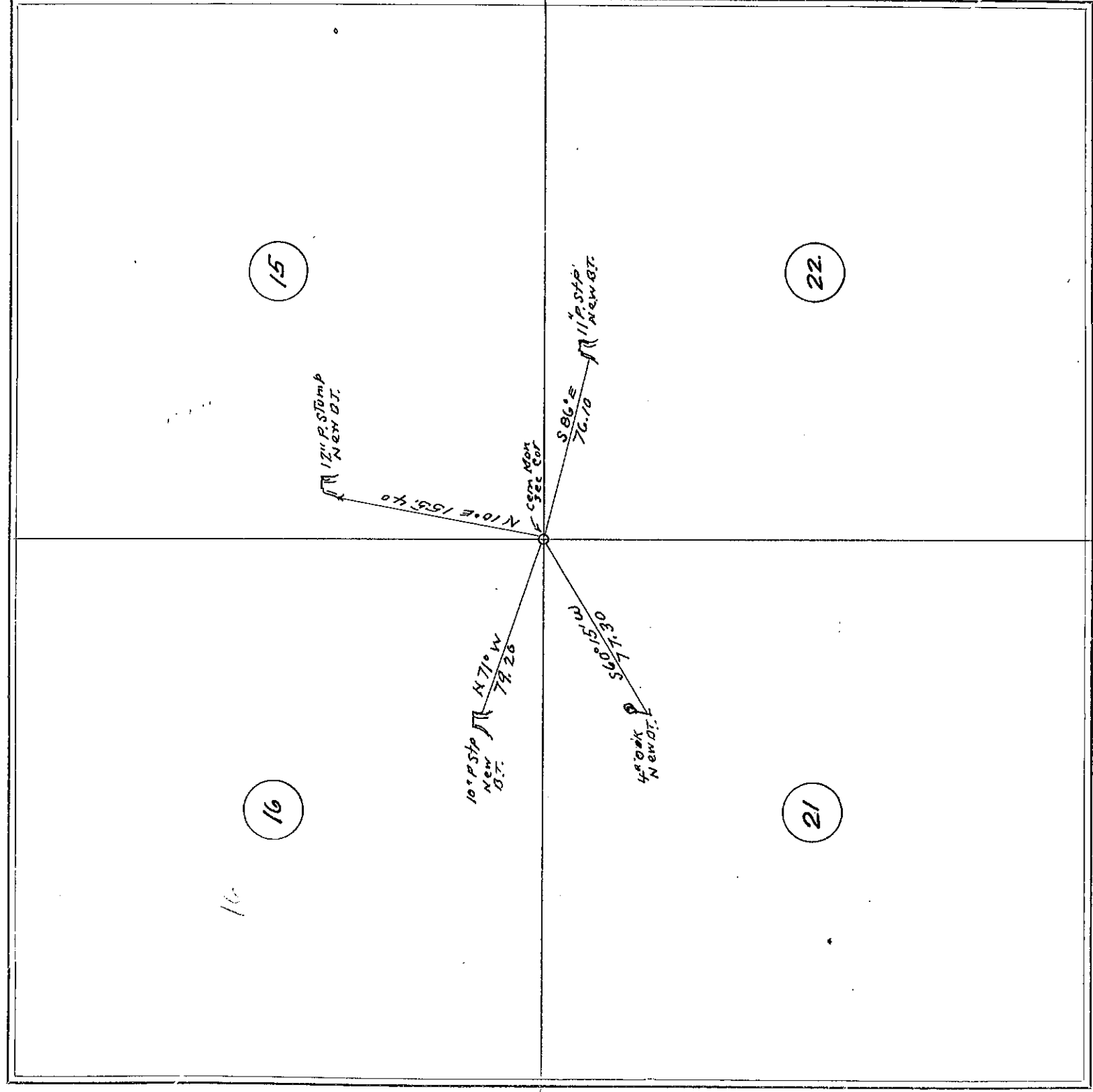
SURVEY No. 154

Sections 15-16-21-22

Town 135 N

Range 28 W

5 AM PM



FIELD NOTES.

is the cement monument at the corner of sections 15, 16, 21 & 22 135 N. R. 28 W. is apt to be moved by the road drag. I established new bearing trees as follows:

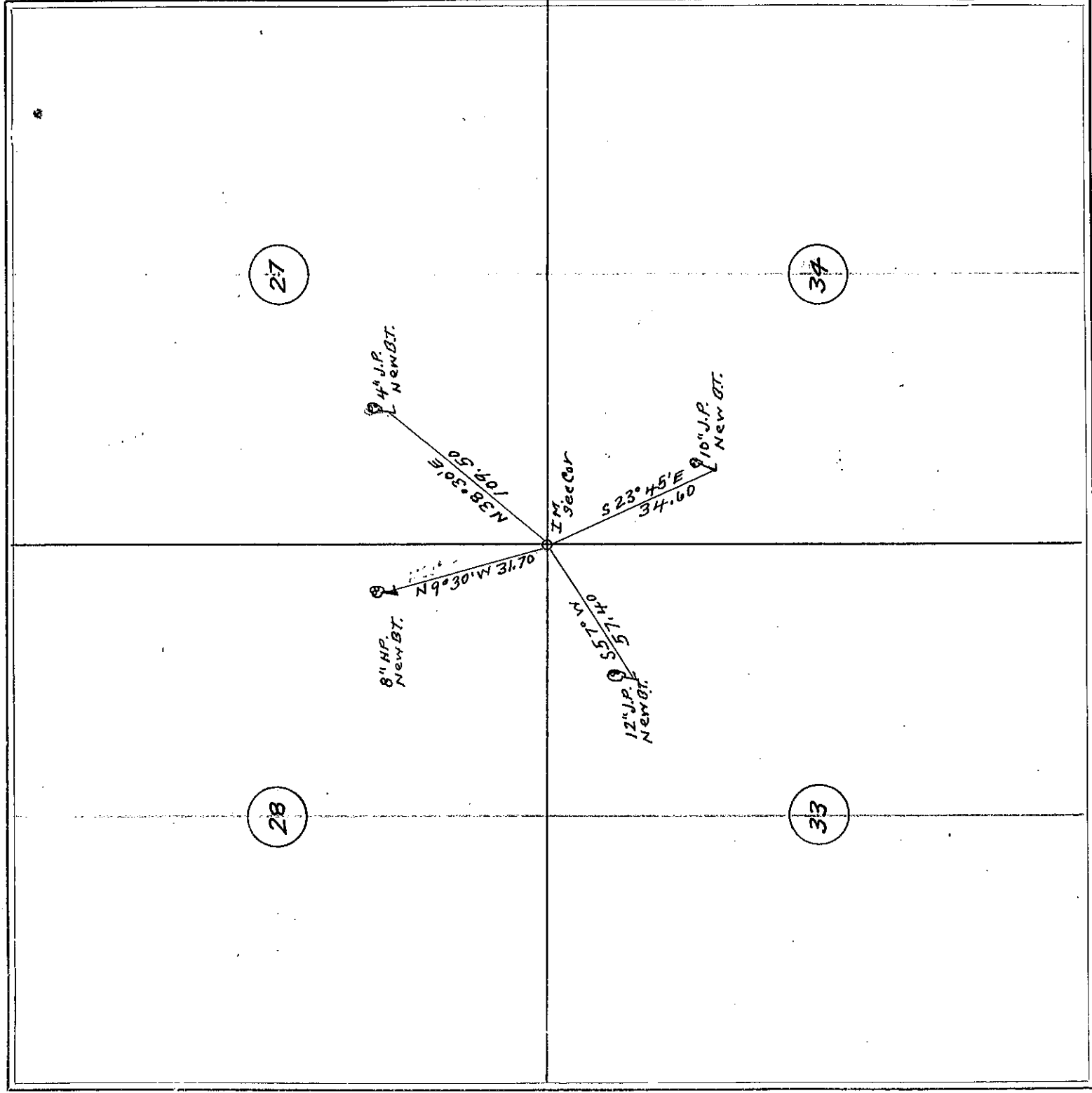
From the cement monument which is the true Sec. corner run in Sgs. 65 N $19^{\circ} E$ 55.40 feet to a 12 inch pine stump, then run West to the Sec. line, thence South to the place of beginning. Thence

N $5^{\circ} E$ 10 N. 16, N. $71^{\circ} W$ 79.20 feet to a 10 inch pine stump; thence South to the Section line and East to the Sec. corner thence run:

N $5^{\circ} E$ 10 N. 22, S. $86^{\circ} E$ 26.60 feet to a pine stump 16 inches in diameter; thence N. to the Sec. line and W. to the Sec. corner; the place of beginning. All in Twp. 135 N. R. 28 W. at $10^{\circ} E$.

SURVEY No. 154.

Sections 27-28-33-34 Town 135 N. Range 28 W. 5th P.M.



FIELD NOTES.

At the corners of Sections 27, 28, 33, 34, T 135 N. R. 28 W., I set an iron monument 2 inches in diameter and establish new bearing trees as follows:

4 inch. Jack Pine N 38° 30' E 102.50 ft. In Sec. 27.
 10 inch Spruce Pine S 20° 30' W 31.70 ft. In Sec. 28.
 12 inch Jack Pine S 57° 17' W 50.40 ft. in Sec. 33.
 10 inch " S 23° 45' E 34.60 ft. in Sec. 34.

Var. 10°; all in Twp. 135, Range 28.

Survey extends over said sections according to plat to herewith.

Surveyed May 4, 1920.
 Recorded May 5, 1920.

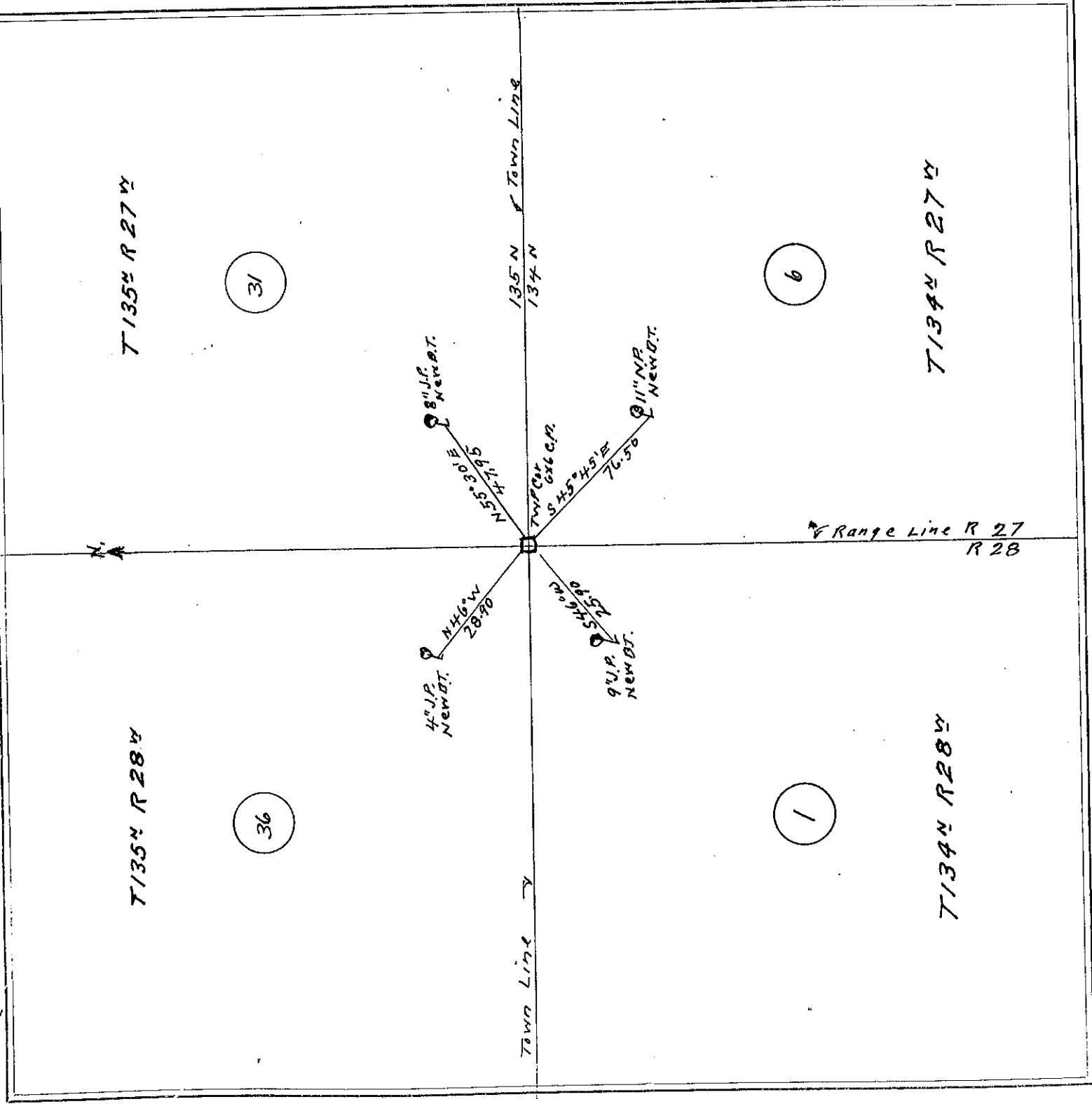
John W. Cass
 Co. Surveyor.

SURVEY NO. 155

Section { 6.
1.
31.
36

Town { 134 N
134 N
135 N
135 N

Range { 27 W 5 R M
28 W " " "
27 W " " "
28 W " " "



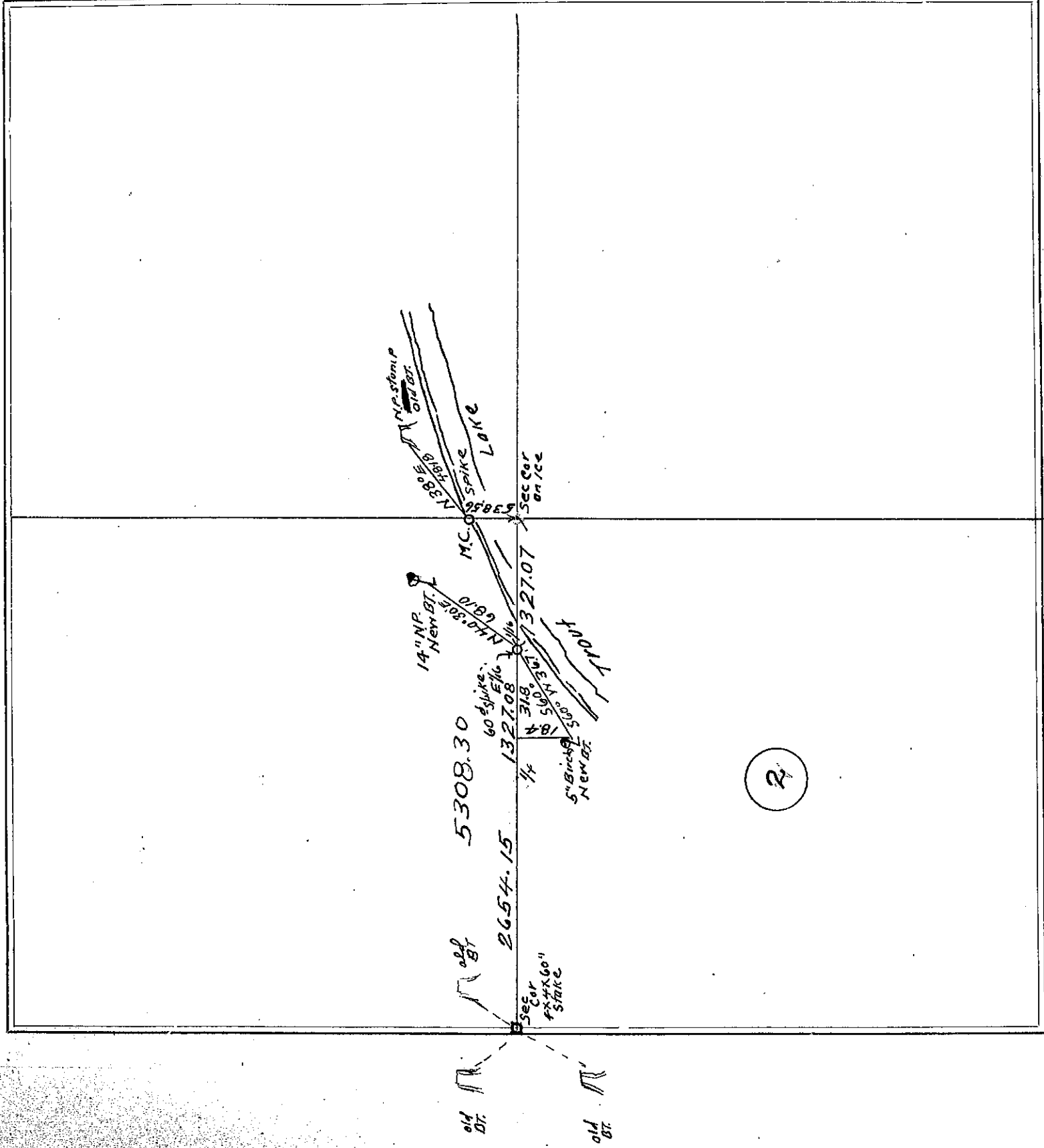
FIELD NOTES.

Survey extends over a part of Sec. 6, T 134, R. 27;
Sec. 1, T 134, R. 28;
Sec. 36, T 135, R. 28;
Field notes of the survey of a part of Sec. 6, T 134,
R. 27 W, and Sec. 1, T 134, R. 28 W, and Sec.
31, T 135, R. 27 W, and Sec. 36, T 135, R. 28 W,
and the establishment of new bearing lines in
said Secs., as surveyed by and under the direction
of John W. Carr, County Surveyor.
The corner common to Secs. above described we
fixed a 6x6 Conant monument set for the type set.
For near which checks out proportionately with the
main line of the old p. S. bearing lines and to preserve
the point of that the correct monument will not
be moved. I establish the new bearing lines from
the corner of Sec. 31, T 135, R. 27, to a high Jack Pine
tree, thence south to the Sec. line; thence W. to the top corner of
the 54 CT 10 N 36, T 135, R. 28. A run N. 46° W 28.90 feet to a 4 inch
Jack Pine, thence S. to the town line and E. to the top corner of
the 54 CT 10 N 36, T 135, R. 28. A run S 46° W 28.90 feet to a 4 inch Jack Pine
tree, thence E. to the R. line thence N. to the top corner; thence
N 54 CT 10 N 36, T 134, R. 27. A run S 45° 45' E 76.59 ft to 11 inch Norway
Pine; thence N. to the town line; thence W. to the top corner, the
line of beginning. Magnetite bar reads 10° E
Survey extends over said Secs. according to the plat herewith.
Surveyed & Recorded May 6th, 1920.

John W. Carr, Co. Surveyor.
m. g.

SURVEY No. 156

Section 2 Town 137 N Range 28 W 5th P.M.



2

FIELD NOTES.

Survey extends over a part of
 Sections: 2-3-4- T.137 N R.28 W also
 Sections: 2-3-6-7-9-10-11-12-13-14-15-16-17-18-19- } T.138 N R.28 W also
 20-21-22-23-24-25-26-27-28-30-31-33-34-35-36- }
 Sections: 1-2- T.137 N R.29 W. also
 Sections: 1-2-3-10-11-12-13-14-15-22- } T.138 N R.29 W 5th P.M.
 23-24-25-26-27-35-36- }
 Crow Wing Co Minn

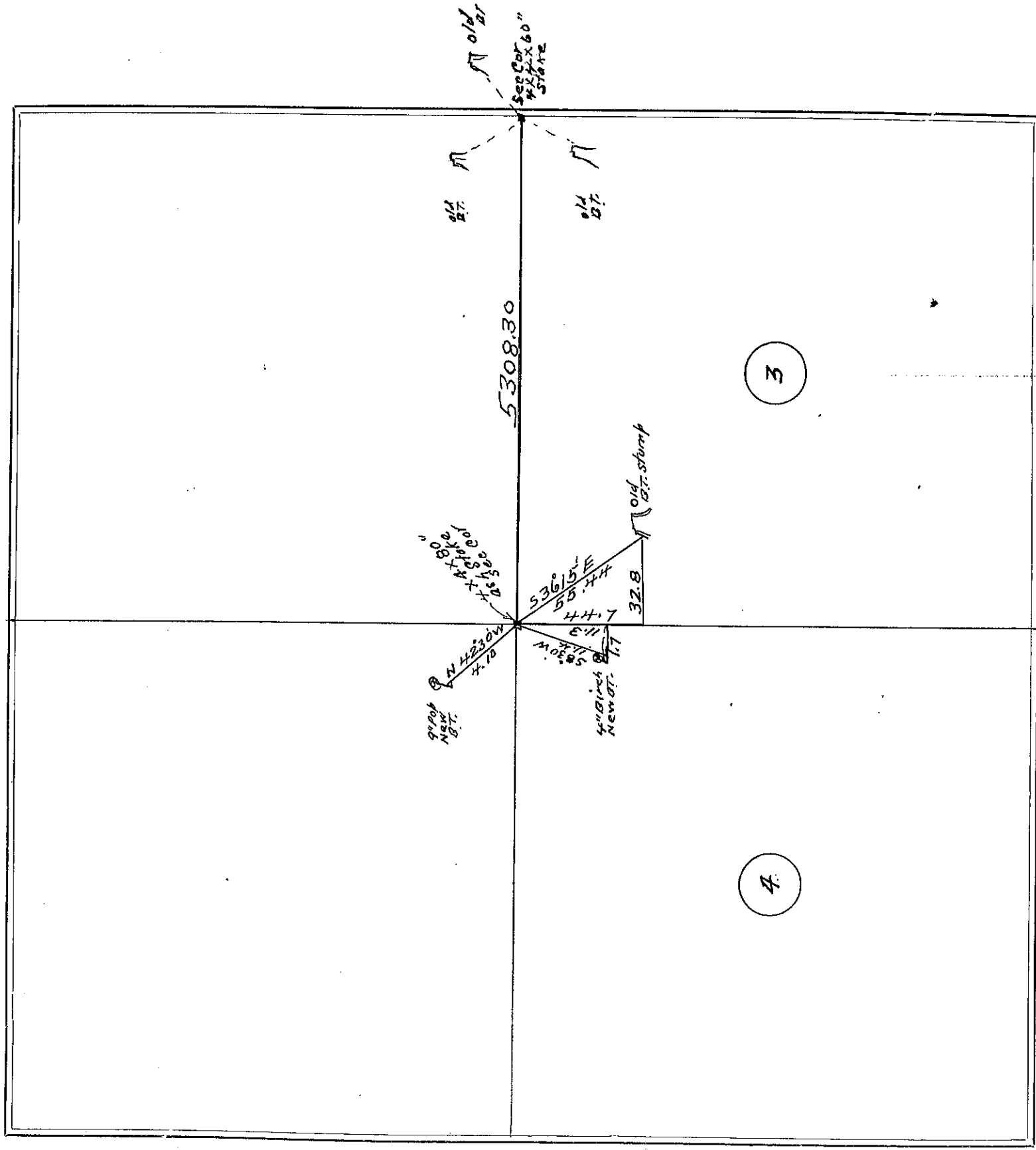
Field notes of the survey of a part of sections 2, 3 and 4 T.137 N, R.28 West, 5th P.M. and sections 2, 3, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 33, 34, 35, 36, T.138 N, R.28 West, 5th P.M. and sections 1, 2, 3, T.137 N, R.29 West, 5th P.M. and sections 1, 2, 3, 10, 11, 12, 13, 14, 15, 22, 23, 24, 25, 26, 27, 35, 36, T.138 N, R.29 West, 5th P.M. all in Crow Wing Co., Minn. and the establishment of new corner posts and the systematic search for old U. S. bearing trees and the establishment of new bearing trees in said sections. Survey made for Timbthy Township in the established and new roads, being the "Tygys Road" "Renaissance Road", "Fuller road", "Tail Lake road", "Hillier road", "Hillier road", and the "Hardy road" all in Timbthy Township as

SURVEY No. 156

Sections 3 and 4

Town 137 N

Range 28 W 5th P.M.



FIELD NOTES.

surveyed by and under the direction of John W. Carr, the direction of ~~the~~ ~~the~~ County Surveyor.

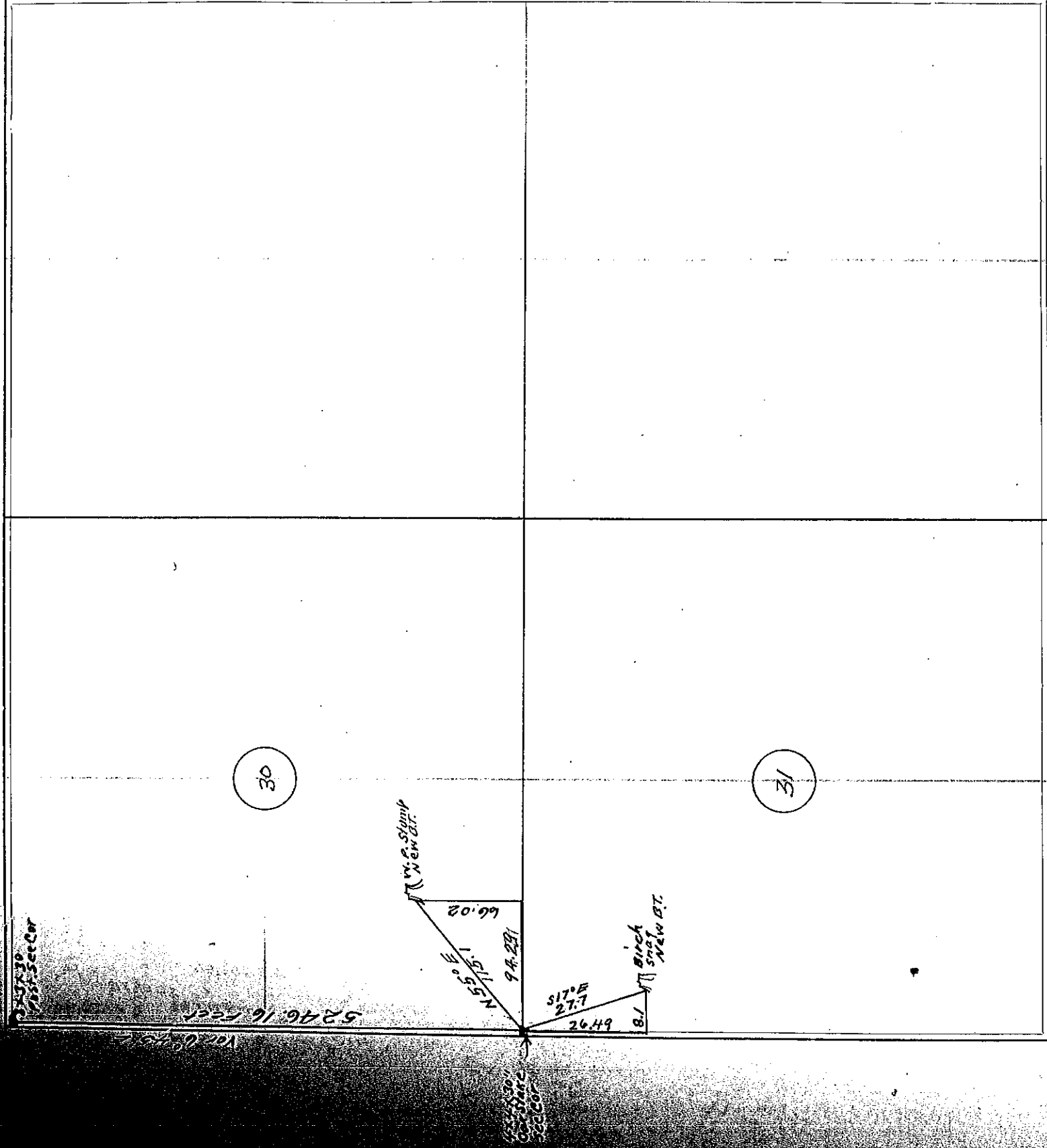
At the corner of sections 2, 3, 10, 11, Twp. 138 N. R. 29 W, we set a 3 x 3 x 20 inch stake for the true section corner, set by dye proportion from the remains of the old U. S. bearing trees after which the old stumps stand as follows:

Stump of old D. J. bears N 78° 30' E, 264.0 ft. in section 6: Stump of old D. J. bears S 136° E, 232.32 ft. in section 11; Stump of old D. J. bears S 84° W, 148.50 ft. in section 10: We mark a new bearing tree being a 12 in. poplar which bears N 57° 04' 30" W, 44.04 ft. in section 3, then as a check we run:

1/4 SECTION 2 S 138 R 29, N 78° 30' E, 264.9 ft. to old stump of U. S. bearing tree: thence S 82.63 ft. thence W 26.07 ft. to section cor., thence:

1/4 SECTION 3 S 138 R 29, N 57° 04' 30" W, 44.04 ft. to a 12 in. poplar tree: thence S 23.50 ft.: thence E 37.27 ft. to sec. cor.: thence

1/4 SECTION 10, S 138 R 29: S 84° W, 148.50 ft. to stump of old U. S. bearing tree: thence N 15.52 ft.: thence West 147.69 ft. to sec. cor. At the corner to sections 15, 16, 21, 22, S 138 R 29, U. S. notes called for a post and the following bearing trees: 6 inch black pine N 69° 05' 31" E, 33.06 ft. 4 in. B. Pine N 67° 04' 30" W, 44.04 ft. (= 69.96 ft.) 5 in. B. Pine S 78° 05' E, 9 links (= 5.94 ft.): 4 in. B. Pine S 25° 20' 7 links (= 4.62 ft.)



FIELD NOTES.

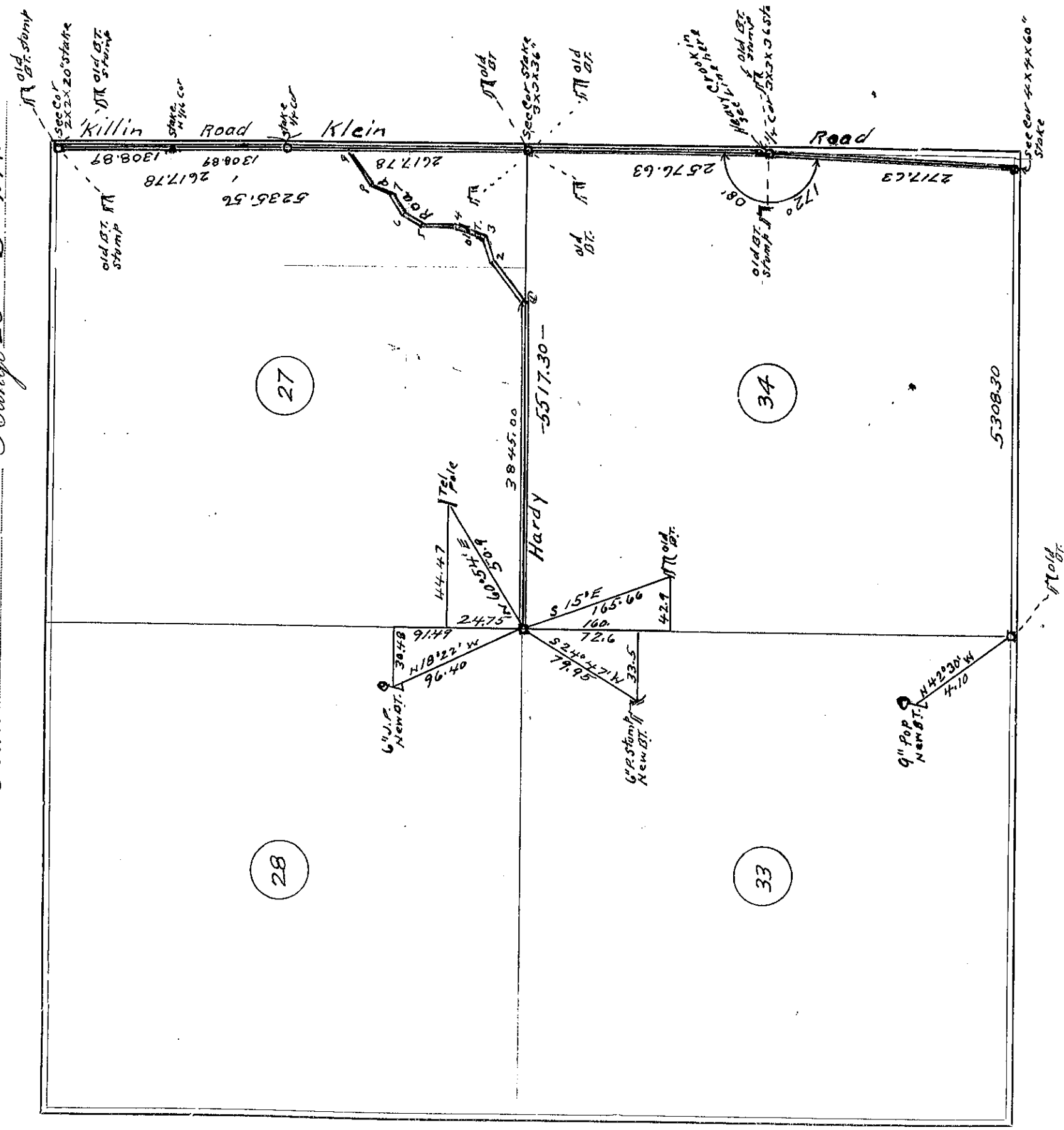
From the remains of the old U.S. bearing trees we set a 2x48 inch iron monument for the true section corner, then as a check, we run: NW SECT 10 N 15° 13' 38" Rg 29 W 6° 9' 0" E 33.66 ft. & the remains of the stumps of old U.S. bearing trees; thence W 31.32 ft. thence S 12.08 ft. D Sec. Cor. thence NW SECT 10 N 22° 13' 38" Rg 29; S 48.00 ft. D old U.S. bearing tree stumps; thence W 3.79 ft. thence W 4.41 ft. D Sec. Cor. thence we run East between sections 15 and 22 to the corner of section 14, 15, 22, 23. S 13° 8' Rg 29, established from the remains of the old U.S. bearing trees with a 4x4x30 inch stake set for the true sec. cor. and find the distance, after collecting the line to be 5351.80 ft. and the magnetic variation thread 8° 31' E. Dividing this mile into four equal parts we set a 10 ft. aspen pole as full length in the marsh for the true E 1/4 corner between sections 15 and 22, five extra large spikes for the true 1/4 corner, between sections 15 and 22, with a new bearing tree being a wind jackpine which bears N 2° 35' E 263.30 ft. distance. We set a large spike for the W 1/4 corner between sections 15 and 22. At the corner section 13, 14, 23, 24, S 13° 8' Rg 29, we find a 3x3x40 inch stake established by the county surveyor, Ingram, set from the stumps of the old U.S. bearing trees. We find the distance between sections 14, 23 to be 5364.80 ft. by way of the section line and the magnetic variations of the line to read 8° 31' E. At the corner of sections 1, 2, 11, 12, S 13° 8' Rg 29, we established a corner from the remains of all four bearing tree stumps, and set a 4x4x20 inch stake for the true section corner, and

SURVEY No. 156

Sections 27-28-33-34

1382

Boards 28 in 54 P.M.



FIELD NOTES.

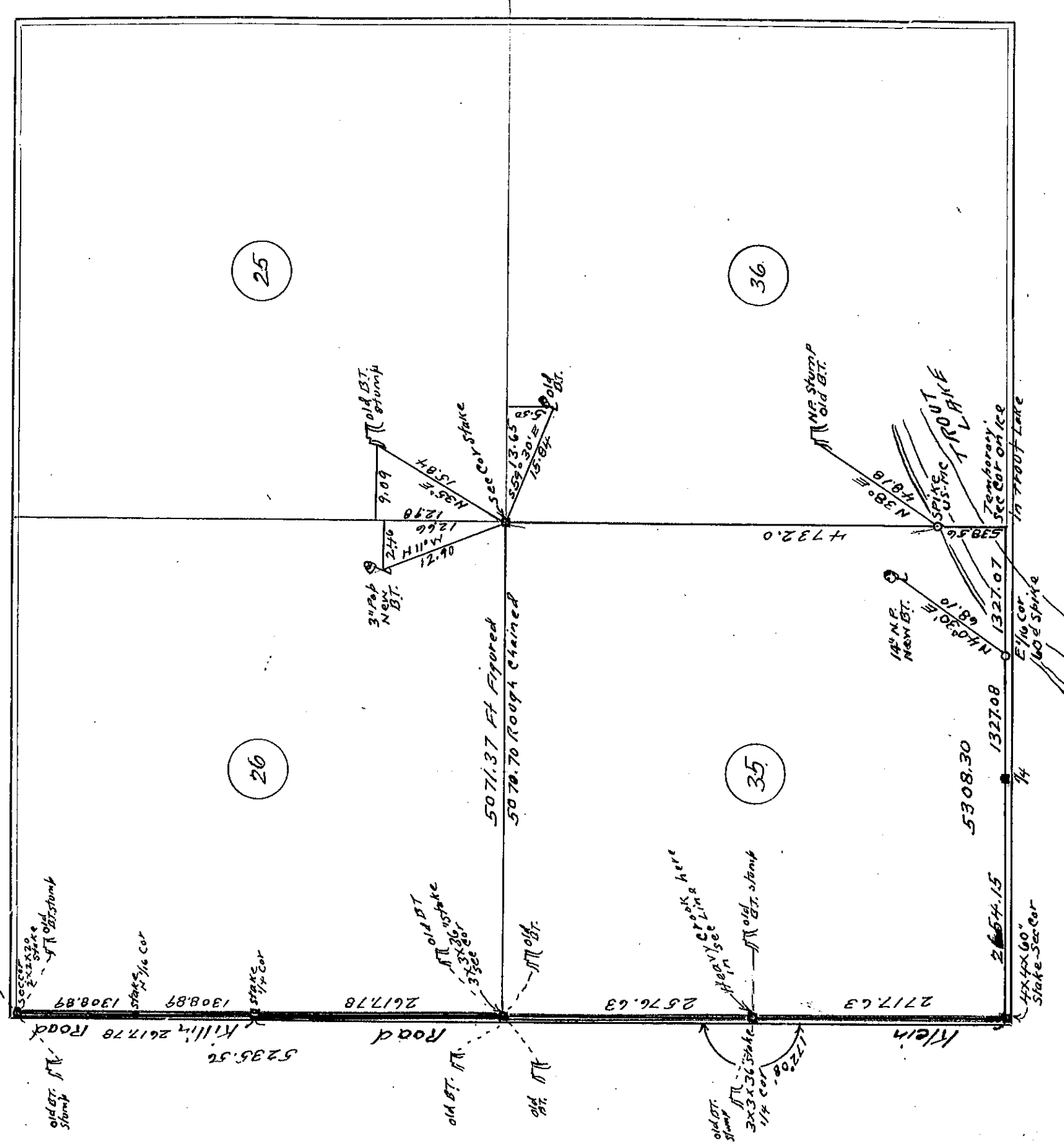
as the $\frac{1}{2}$ corner between sections 2 and 11 cannot be found, having been burned or rotted, we chain the entire mile between sections 2 and 11, T 138, Rg 29, and find the distance to be 5350.89 ft. which we divided into four equal parts and set a $3 \times 3 \times 30$ inch pick stake for the true $\frac{1}{4}$ corner, and at the E $\frac{1}{4}$ corner between sections 2 and 11 we set a $2 \times 2 \times 12$ inch stake for the true corner. We established the corner to sections 10, 11, 14, 15, T 138, Rg 29, and set a $2 \times 2 \times 28$ inch stake for the true section corner set by proportions from the stumps of the four T. S. bearing trees, and chaining each between sections 11, 14 we find the distance to be 2682 ft. to the $\frac{1}{4}$ corner between sections 11, 14, where we set a $2 \times 2 \times 20$ inch stake for the true $\frac{1}{4}$ corner set by proportion from the stumps of both old T. S. bearing trees and from this $\frac{1}{4}$ corner E of the corner of sections 11, 12, 13, 14, T 138, Rg 29, we find the distance 2661.36 ft. which we divide into two equal parts and set a $2 \times 2 \times 28$ inch stake for the true E $\frac{1}{2}$ corner between sections 11 and 14, T 138, Rg 29 from which we run a mile N through the center of the E half of section 11 and find the distance to be 5328.35 ft. At the corner of sections 11, 12, 13, 14, T 138, Rg 29 we find the stumps of three of the old T. S. bearing trees, from which we set a $2 \times 2 \times 20$ inch stake for the true section corner. Chaining a mile S between sections 13 and 14 along a picket line, we find the same to be 5215 ft. rough chain. From the corner of sections 13, 14, ~~24~~ 23, 24, T 138, Rg 29, we run:

111 SE 1/4 10 N 14. T 138, R 29 N 70° W 66 ft. to a stump of old U. S. bearing tree: thence S 22 E 7: thence E 62.02 ft. to Section corner.

Sections 25-26-35-36

Town 138 N

Range 28^W 5^H P.M.



FIELD NOTES

Running South ~~22° 57' 11" E~~ between sections 23, 24, T138 Rg 29, we find the distance 533.56 ft. and the compass read $6^{\circ} 34'$ E. may be true. We divide this distance into four equal parts and set a $2 \times 6 \times 20$ inch stake for the North $\frac{1}{16}$ corner and a $2 \times 2 \times 20$ inch stake for the S $\frac{1}{16}$ corner and a $2 \times 2 \times 20$ inch stake for the $\frac{1}{4}$ corner between sections 23, 624, T138 Rg 29 with new bearing trees to the $\frac{1}{4}$ corner as follows: 6 inch poplar N $79^{\circ} 05' 17''$ W, 65.85 ft. and a birch and S $31^{\circ} 21' 10''$ W 103.95 ft. then as a check we ran:

111 S.E.C.T 10 N 23, T 138, Rg 29 N 79° 05" W 65.05 ft. to the bunch
 poplar thence S 12.47 ft. thence E. 64.66 ft. to the corner. At the corner to
 sections 23, 24, 25, 26, T 138, Rg 29, M. S. notice called for a post and
 the following bearing trees:
 a 36 in. Whitepine N 340° E 4 links (= 2.64 ft.)
 a 36 in. Whitepine N 420° W 84 links (= 55.44 ft.)
 a 30 in. Whitepine S 670° E 18 links (= 11.88 ft.)
 a 30 in. Whitepine S 420° W 89 links (= 58.74 ft.)
 We find the logs stamped from which we set a 34.3 stake for the true
 corner. Bearing of the true sections 25 and 26 we find the
 distance 5287.27 ft. and the mag. azim. course of the line reads
 51° 36' E. At the corner of sections 25, 26, 35, 36, T 138, Rg 29,
 M. S. notice called for a post and the following bearing trees:
 a 36 in. Whitepine S 440° 26 118 links (= 77.88 ft.)

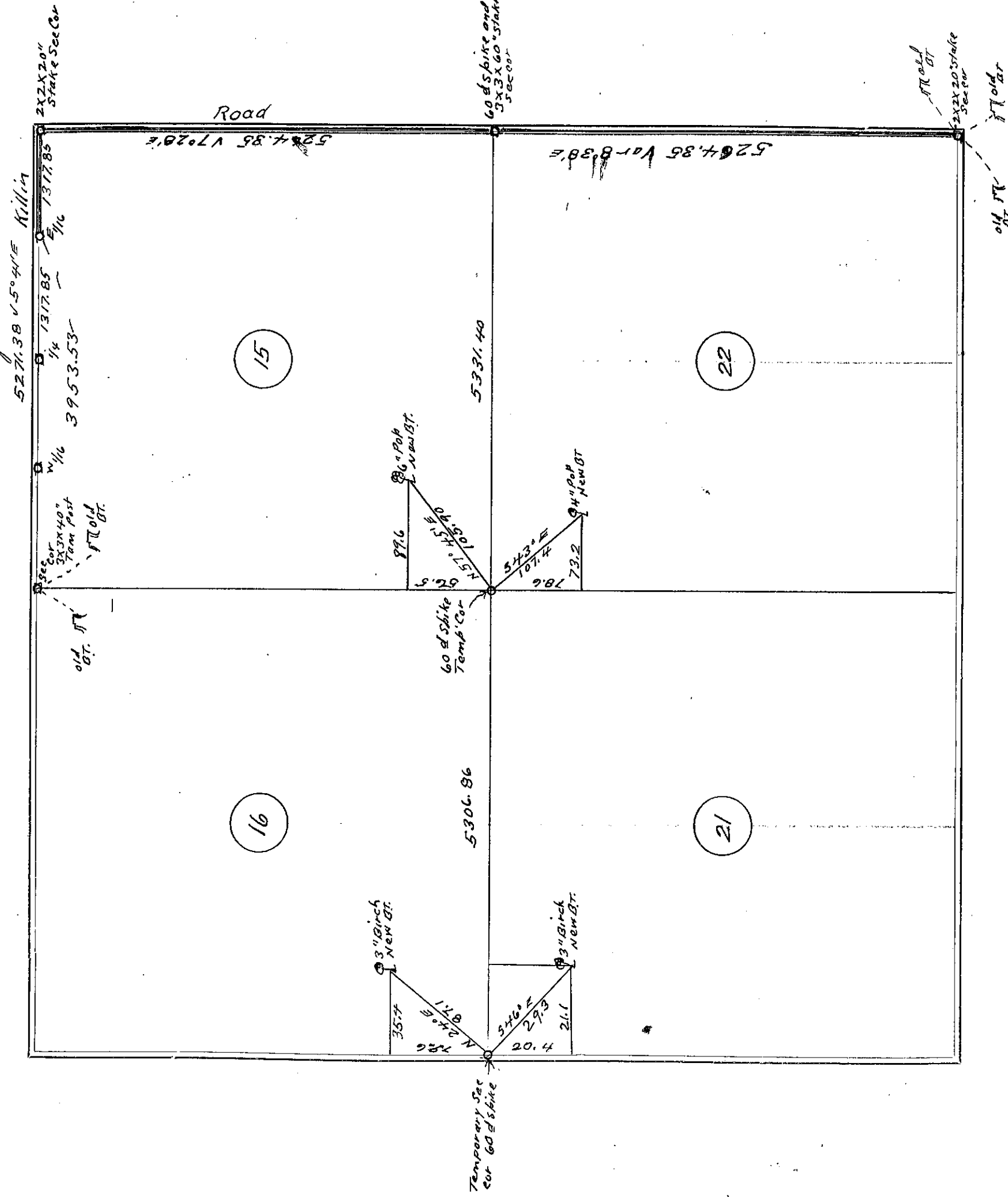
(much Jamarack S 17° E 26 links (= 14.52 ft.).
9 inch Jamarack N 50° E 45 links (= 29.70 ft.) We find the stumps of
all three bearing true from which we set a 34.3 x 20 inch stake for
the true section corner. Then as a check we run:
~~S 25° E~~ 111° 25' S 138° 29' N 50° E 29.70 ft. to the stumps of old U.S.
bearing tree: thence W 2.59 ft.; thence S 29.59 ft. to Sec. Cor. thence

SURVEY No. 156

Sections 15-16-21-22

Town 138 N

Range 28 W 5th P.M.



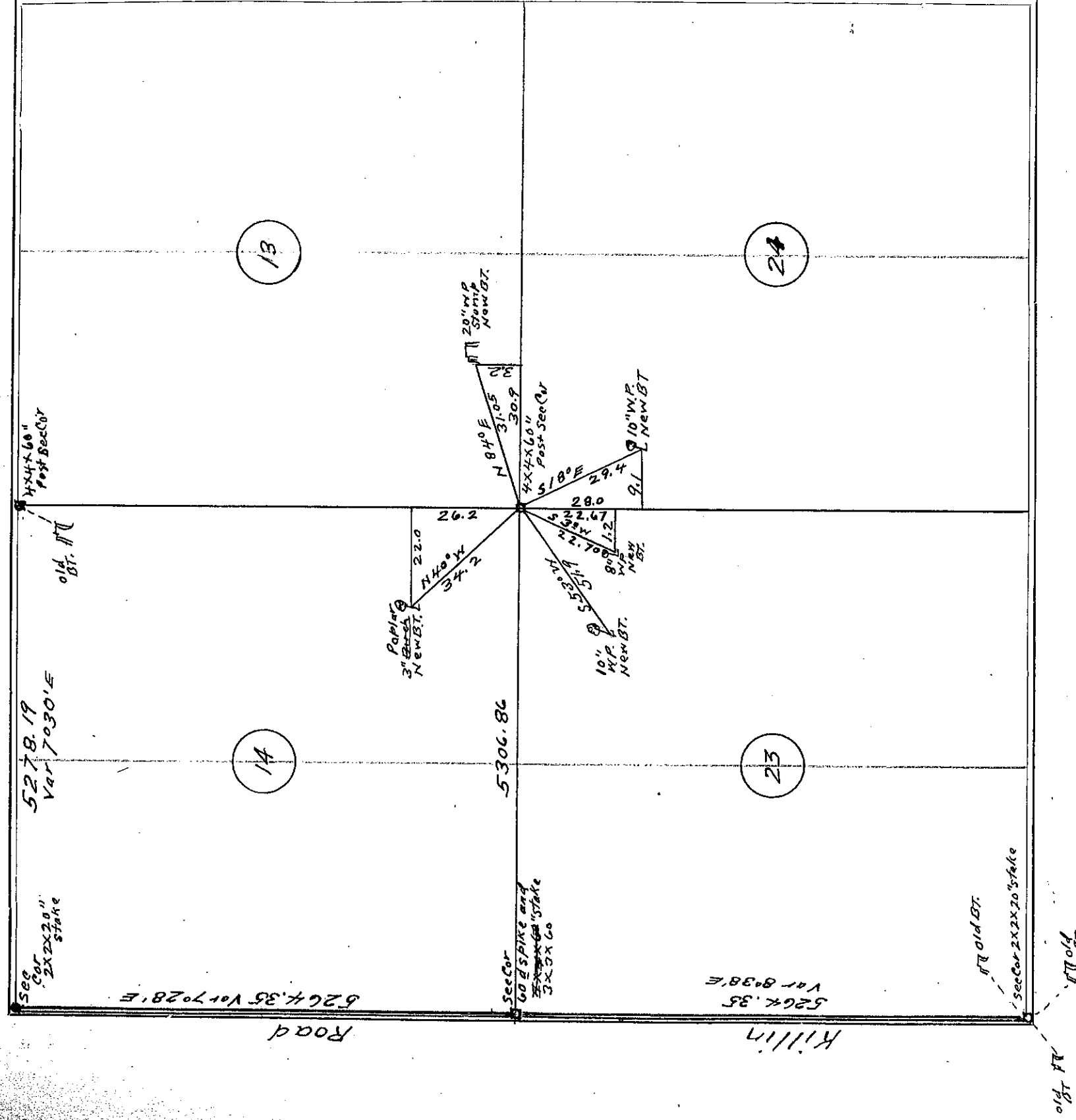
FIELD NOTES.

1st SECTION 36 S 138 Ry 29 S 74° E 14.52 ft. To stump of old B. J. thence N 40 ft. thence W 13.96 ft. To section corner, thence 1st SECTION 35 S 138 Ry 29 S 44° W 77.88 ft. To stump of old bearing tree, thence N 56.02 ft. thence E 54.10 ft. To section corner. Running South between sections 35 and 36 S 138 Ry 29 we find the distance 5305.48 ft. and the course of the line heads 3650' E magnetic variation. At the corner to sections 1, 2, 35 and 36, between Twp 137 Ry 29 and S 138 Ry 29 N. S. notes call for a post and find Maple N 32° E 47 links (= 31.63 ft.), 6 inch Oak N 15° W 35 links (= 21.78 ft.), 16 inch Oak S 37° W 32 links (= 21.12 ft.) 14 in. Oak S 22° E 13 links (= 8.58 ft.) We find the roots of the S.W. and N.W. stumps which stick out for course and distance with our corner 33 ft. N of the corner of a fence which runs S and W. We place a stone with cross in top in the center of the East and West graded road for the true section corner to sections 1, 2, 35 and 36, S 138 Ry 29 N Ry 29 W from which we take the following bearings, measure 1st SECTION 1, S 138 Ry 29, S 45° E 46.67 ft. To stone with cross (+) in top; thence N 33.0 ft. thence W 33 ft. To section corner; thence 1st SECTION 2, S 138 Ry 29, S 51° W 121.12 ft. To part of stump of old B. J. thence N 13.29 ft. thence E 16.41 ft. To section corner from which the remnant of the stump of the old N.W. bearing tree here N 150° W 21.78 ft. in section 35, S 138 Ry 29, At the corner, sections 22, 23, 26, 27, S 138 Ry 29, N. S. notes called for the following and post: 12 inch oak N 31° E 14 ft. (= 9.24 ft.) 12 inch oak N 59° W 15 links (= 9.90 ft.), 15 inch oak, S 40° W 35 links (= 23.10 ft.) 18 in. spruce S 33° E 25 links, (= 16.50 ft.) We find the stumps of all the old trees from which we set a 2x2 in. oak stake for the true section corner, and as a check we run: 1st SECTION 26, S 138 Ry 29, S 33° E 16.50 ft. To stump of old U.S. bearing tree; thence W 13.38 ft. thence N 38.99 ft. To section corner. thence

Sections 13-14-23-24

Town 138 N

Range 28 W 5¹⁴ P.M.



FIELD NOTES.

IN SECTION 29 T 138 R 29 S 41° W 23.10 ft. Stumps of old B. J. hence E 15.15 ft. Hence N 17.43 ft. Section corner: Hence N 31° 0' E in section 23 a distance of 9.24 ft. The stumps of old B. J. from the section corner stumps of old B. J. in section 22 bears N 59° W 9.9 ft. At the corner of sections 16, 7, 12 on the range line between T 138, R 28, and T 138 R 29 N. S. notice called for a post and. 12 inch Whitings N 61° E 38 links (= 25.08 ft.) 22 inch Whitings S 2° 30' E 38 links (= 25.08 ft.) 15 inch Whitings S 88° W 60 links (= 39.60 ft.) 13 inch yellow birch N 11° W 28 links (= 18.48 ft.). We find the stumps of all three white pines plainly marked but the distance between the W. C. and S. W. stumps is 1.80 ft. too long, so by proportion 25.08 + 71 = 25.79 ft. and 39.60 + 1.09 = 40.69 ft. The route of the old N. W. bearing tree checks for course and measurement with old N. S. notice. We set the 2 x 2 x 20 inch stake for the true section corner after which we check we run.

IN SECTION 10 N 1° 138 R 29, N 1° W 18.48 ft. Stumps of old N. S. bearing trees: Hence S 3.53 ft. Hence S 18.14 ft. Section corner: Hence S 12.55 ft. T 138 R 28, N 61° E 25.79 ft. Stumps of old B. J. hence S 12.55 ft. Hence W. 26.52 ft. Section corner: Hence:

IN SECTION 10 N 12 T 138, R 29. S 88° W 40.69 ft. Stumps of old B. J. hence N 1.42 ft. Hence E 40.66 ft. Section corner: Hence, all of the section corners along the range line between T 138 R 28 and T 138 R 29 are lost, we established the same by running from corner of 1, 6, 7, 12, a distance of 4 miles S producing a straight line four miles long to the corner of sections 25, 30, 31, 36 and the distance of 138 N R 28, R 29 W, and find the total distance 20,984.64 ft. which we divide into 4 equal parts of 5246.61 ft. each. We set a 3 x 3 x 60 inch post for the true 1/4 corner

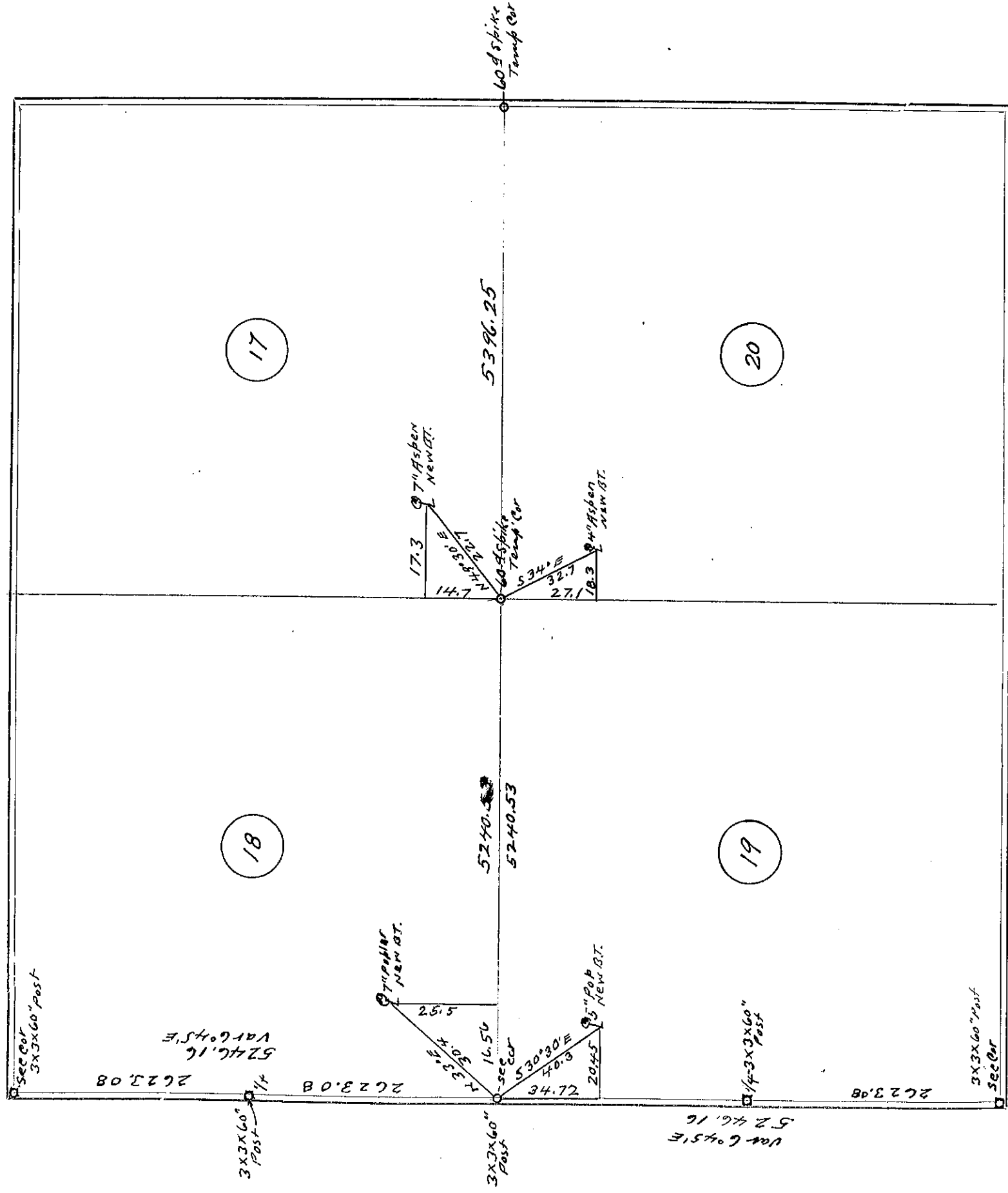
Sections 17-18-19-20

Town 138 N

Range 28 W

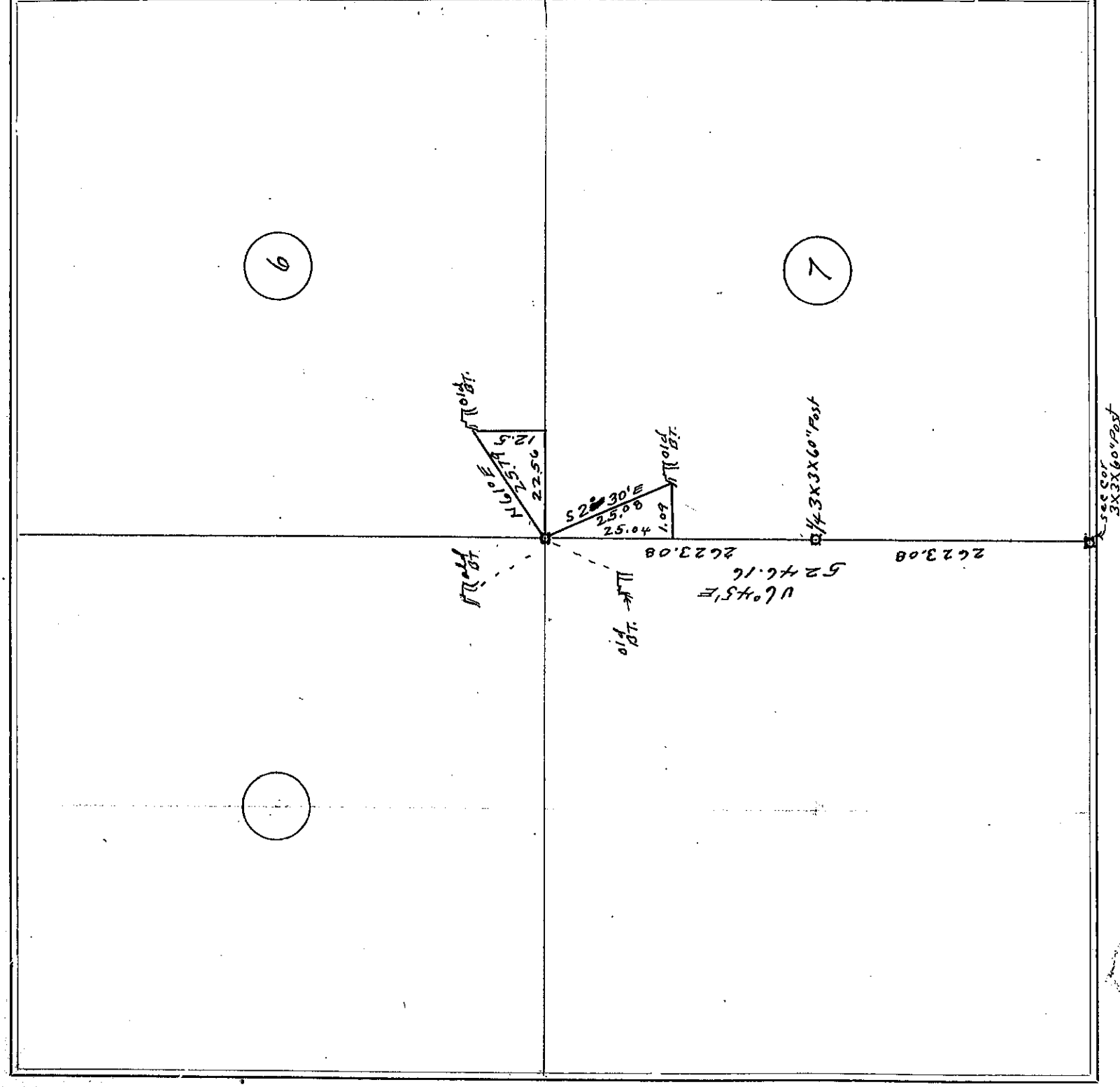
5:4 PM

SURVEY No. 136



FIELD NOTES.

between sections 7, 12 and a 3x3x60 inch post for the corner of sections 7, 12, 13, 18 between T 138 Rg 28 S 138 Rg 29. At the 1/4 corner between sections 13, 18, and set a 3x3x60 inch post at the corner of sections 13, 18, 24 between T 138, Rg 28 and T 138, Rg 29, we set a 3x3x60 inch post with new bearing there as follows: Pin. poplar N 33° E 30.40 ft. Pin. poplar N 31° 30' W 67.80 ft. 6 inch poplar S 81° 30' W, 38.80 ft. 5 inch poplar S 30° 40' E 40.30 ft. then as a check we run 1/4 SECTION 18 S 138 Rg 28: N 33° E 30.40 ft. to a 7 inch poplar; thence S. 25.50 ft. thence W 16.50 ft. to section corner, thence we run 1/4 SECTION 19 S 138 Rg 28: S 30° 30' E 40.30 ft. to a 5 inch poplar; thence W. 20.45 ft. thence N 30.42 ft. to the section corner, thence 1/4 SECTION 13, T 138 Rg 29: N 31° 30' W 67.40 ft. to 7 inch poplar; thence S. 37.40 ft.; thence E 35.22 ft. to section corner thence 1/4 SECTION 24 S 138, Rg 29 S 81° 30' W 38.80 ft. to a 6 inch poplar thence N 5.74 ft. thence E 38.37 ft. to section corner. At the corner between sections 19 and 24 we set a 3x3x60 inch post and at the corner of sections 19, 24, 25, 30 we set a 3x3x60 inch post. At the corner of sections 25, 30, 31, 36 between T 138 Rg 28 and T 138 Rg 29 N. S. north called for a post and the following bearing trees: 5 inch white birch N 81° 26' E 48.48 ft. 16 inch white birch N 37° 33' E 21.78 ft. 24 W pine S 61° W 42 links (= 27.90 ft.). 1/2 in. aspen S 30° E 30 links (= 19.80 ft.). We find the stumps of the 2 W. bearing tree plainly marked from which we set a 4x4x30 inch oak stake for the true section corner, and marked new bearing tree as follows: White birch away S 17° E 27.70 ft. in section 31. 30. inch W pine between N 55° E 115.10 ft. in section 30, then as a check we run: 1/4 SECTION 30 S 138 Rg 28 N 55° E 115.10 ft. to white pine stump; thence S 66.02 ft. thence W 94.29 ft. to the section corner; thence in section 31 S 138 Rg 28 S 17° 27.70 ft. to a birch away thence W 8.10 ft.



FIELD NOTES.

thence N 26.49 ft. to the section corner. At the corner of sections 27, 28, 33,
34 I 138 Rg 28 we find the stump which we drive a 200 spike for
the true section corner with bearing trees as follows: bir. pine
stump S 24° 47' W 79.95 ft.: 10 ft. pine stump S 63° 24' E 88.50 ft.
bir. Jack pine tree N 18° 22' W 96.40 ft. Jul. pole N 60° 54' E
50.90 ft. Stump of old U.S. bearing tree S 15° 16' 165.66 ft.
then back and run:

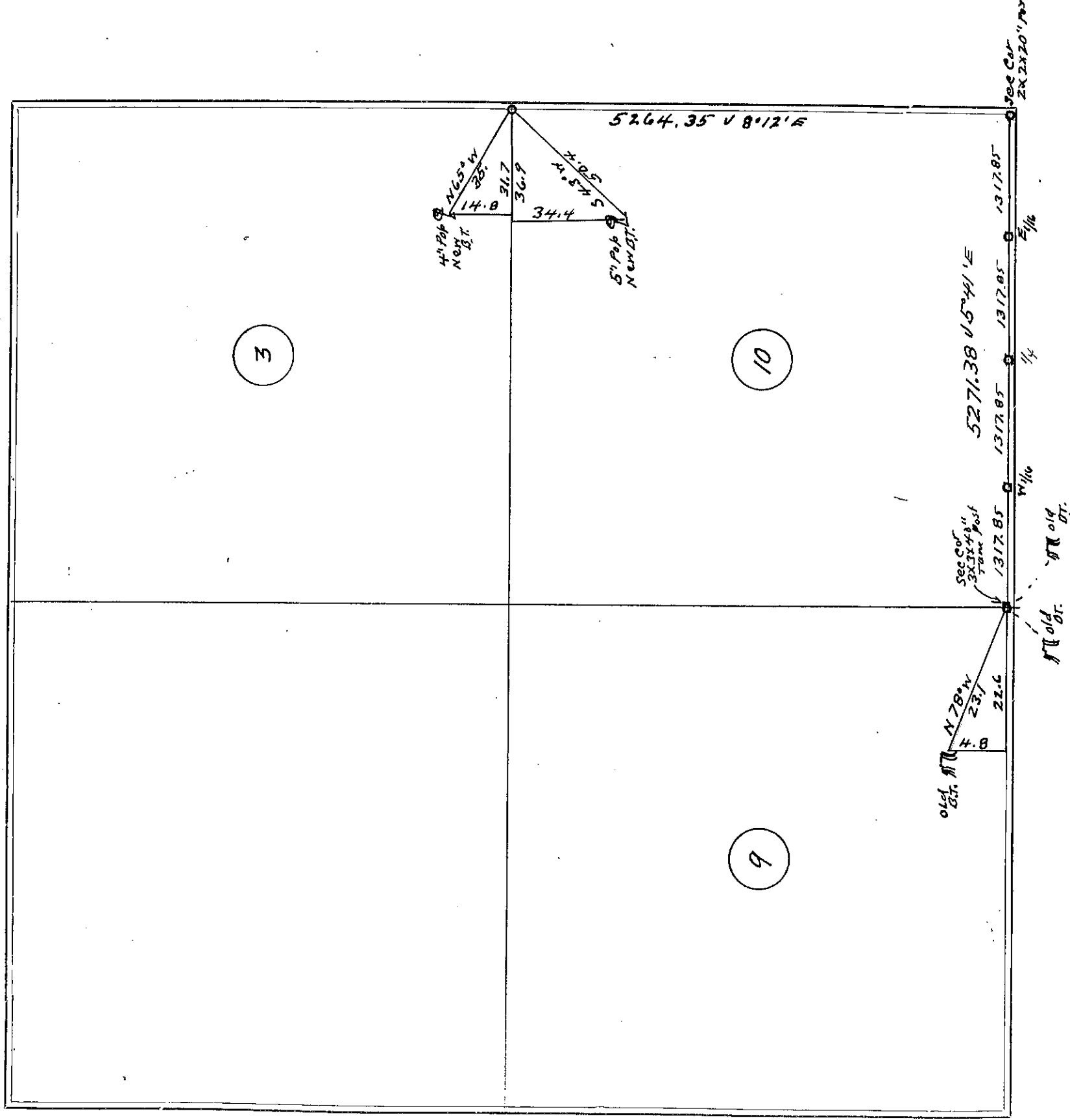
IN SECTION 27 S 138 Rg 28 N 60° 54' E 50.90 ft. to the top pole
thence W 94.47 ft. thence S 24.75 ft. to the section corner; thence
IN SECTION 28 S 138 Rg 28 N 180° 22' W 96.40 ft. to the birch
jackpine tree; thence E 30.48; thence S 91.49 ft. to the sec. cor. line
IN SECTION 33 S 138 Rg 28 S 24° 47' W 79.95 ft. to birch pine
stump thence E 33.50 ft. thence N 72.6 ft. to section corner; thence
IN SECTION 34 S 138 Rg 28 S 15° E 165.66 ft. to stump of old B. J.
thence W 42.9 ft. thence N 160 ft. to section corner, At the corner to
section 25, 26, 35, 36, S 138 Rg 28 U.S. notes call for post and:
Hard pine 8 inch, N 35° E, 24 links (= 15.84 ft.), Norway pine 8 inch
~~72° E~~ N 60° W 31 links, (= 20.46 ft.). Norway pine 9 inch
S 72° E 24 links, (= 15.84 ft.) Norway pine 12 inch, S 36° W
51 links, (= 33.66 ft.). We find the S. E. tree standing dead but
plainly marked, and the stump of the old N. E. tree plainly
marked "B. J." and a square 4' x 4' 40 in. stake, set by
County Surveyor Garrison; I checked the corner by flat chain
from the face of the "B. J." marker on both old W. S. bearings
and drive by 60 ft. spikes for the true section corner which comes
right at the point of the 4' x 4' 40 inch stake ~~which~~ from which I
take new bearings as follows: Birch poplar tree
N 11° W 12.90 ft. Old B. J. S 59° 30' E 15.94 ft. Old B. J. stump

SURVEY No. 156

Sections 3-9-10

Town 138 N

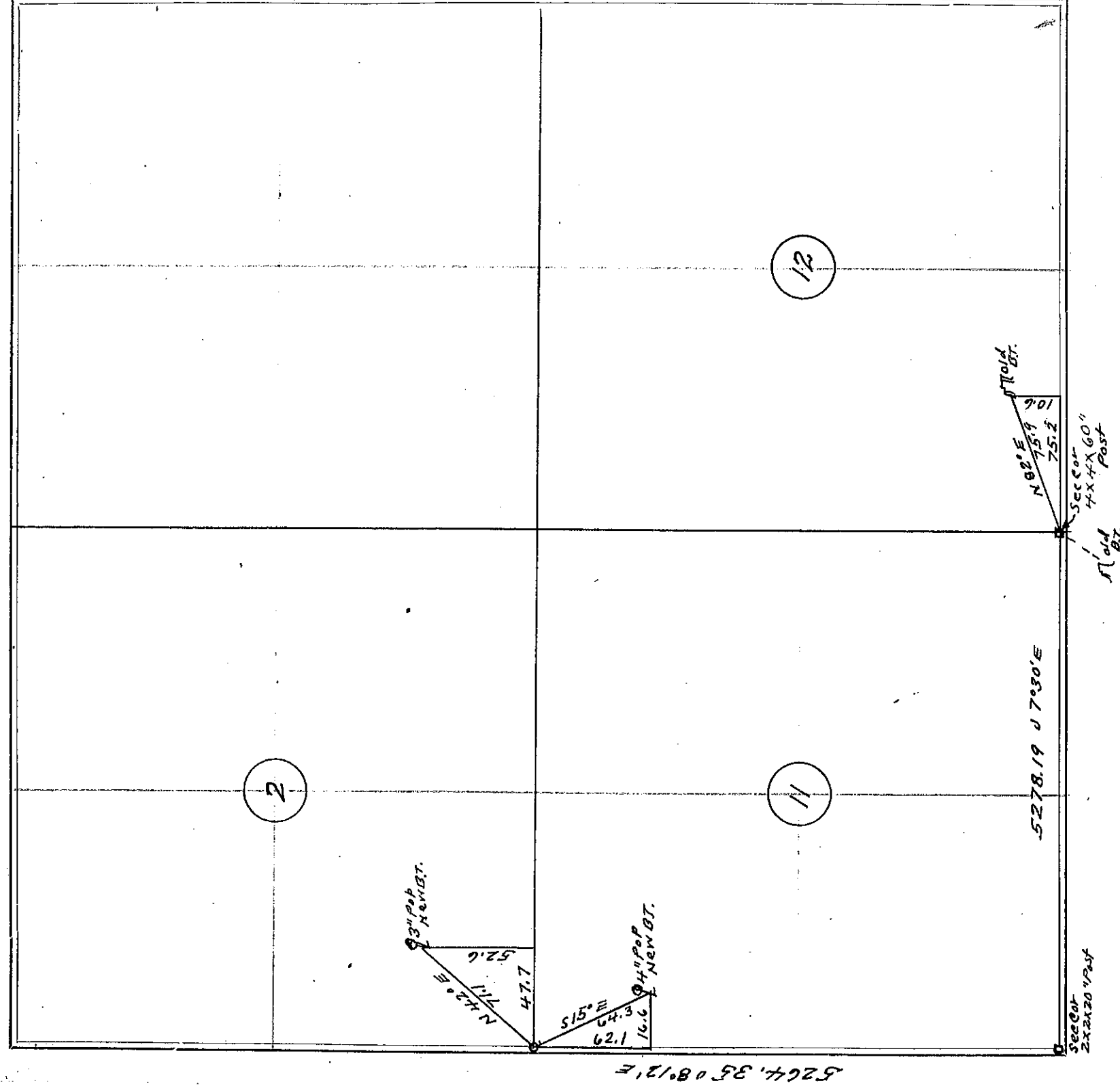
Range 28 W 5th PM.



FIELD NOTES.

N 35° E 15.84 ft. then as a check we run:
 1N SECTION 25 J 138 Rg 28, N 35° E 15.84 ft. to stump of old U.S. bearing tree: thence West 9.09 ft. thence S 12.98 ft. to section corner: thence
 1N SECTION 26 J 138 Rg 28: we then N 11° W 12.90 ft. thence E 2.46 ft. thence S 12.66 ft. to Sec. corner thence
 1N SECTION 36: S 39° E 15.84 ft. to old B.S. thence N. 55 ft. thence W. to section corner. We run a return sections 35 and 36 J 138 Rg 28 and find the distance 4732.0 ft. to the meander corner on the N side of Front Lake where we set a spike for the true N.E. from the stump of the old U.S. bearing tree stump which stands plainly marked, 4741.44 ft. U.S. chain = 4732.00 ft. may chain, being 9.44 ft. short. As a N boundary of J 137 Rg 28, should cross the lake at a point 538.56 ft. S of the meander corner, between sections 35 and 36 J 138 Rg 28 we chain S on the ice in Front Lake to a point in line with the boundary of section 35, J 138, Rg 28 and 538.53 ft. S of this corner at which point we drive a spike in the ice, being point for corner of sections 1, 2, 35, 36. J 137, 138 Rg 28 and find the distance two miles W to measure 5308.80 for each mile being 10,616.60 ft. to the corner of sections 3, 4, 33, 34, and as all the old U.S. bearing trees appear to be gone, we make the entire two miles straight with all distances evenly divided. At corner of sections 3, 4, 33, 34 between J 137, Rg 28, 138, Rg 28 U.S. corner called for following and past: 18 in. Uppine N 87° E 39 links, (= 8.94 ft.) 12 in. Uppine N 33° 45' W 81 links, (= 53.46 ft.) 16 in. Uppine S 36° 15' E 84 links, (= 50.44 ft.) 14 in. White Birch S 30° W 39 links (= 25.74 ft.). We find stumps of the S.E. tree very plainly marked (B.S.) from which we set a 60D spike for the true section corner,

Sections 2-11-12 Town 138 N Range 28 W 5¹⁴ P.M.



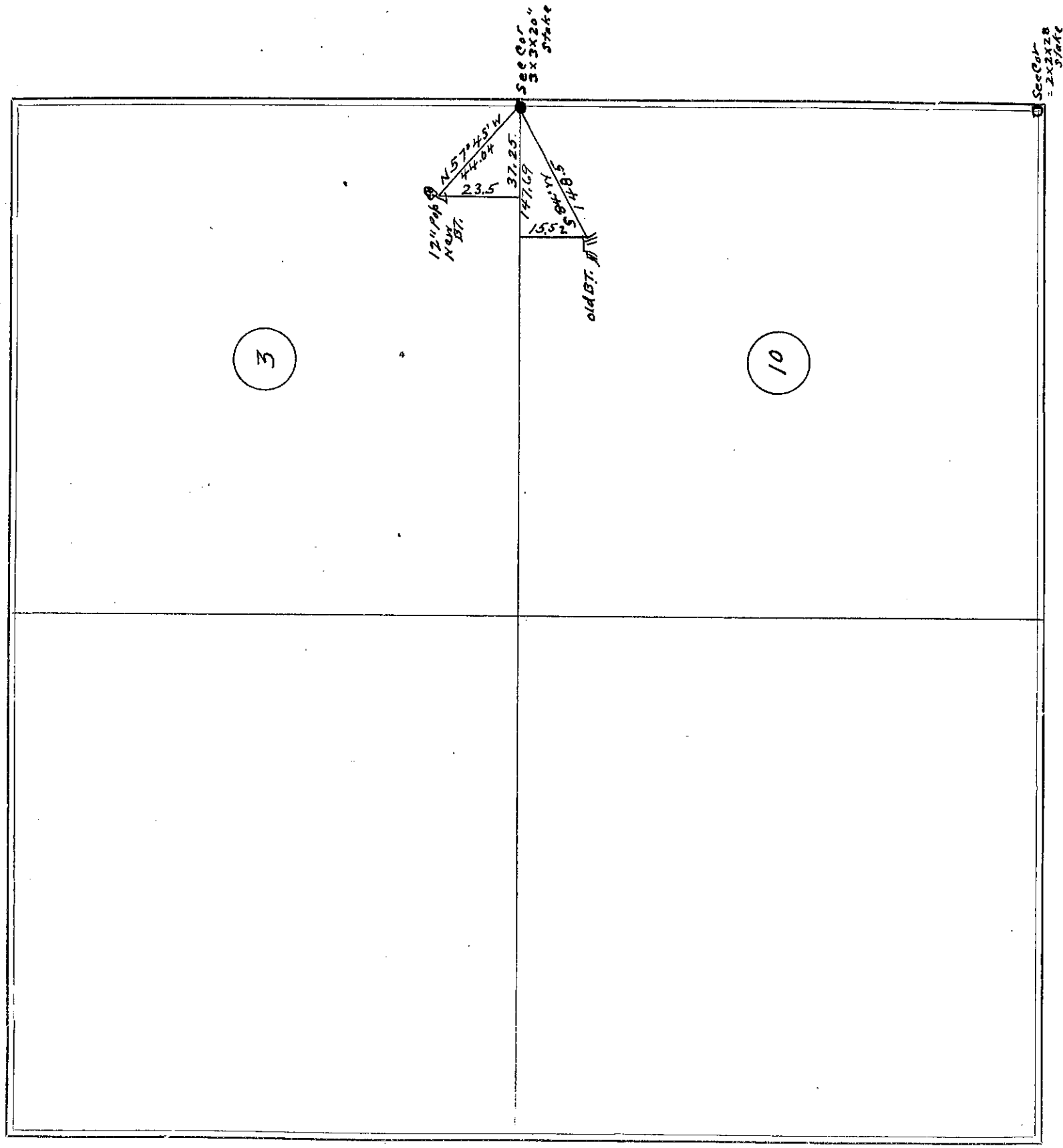
FIELD NOTES.

over which we set a 4x4x80 inch stake from which we mark run bearing trees as follows: 9 inch poplar N 42° 30' W 410 ft. 4 inch poplar S 8° 30' W 11.40 ft. The stump of the old N.W. clearing tree checks perfect for course and distance with the corners just set. As a check we run:
 IN SECTION 3, T 137, Rg 28, S 36° 15' E 55.44 ft. & stump of old U.S. B.T. thence W 32.8 ft. thence N 44.7 ft. & section corner thence
 IN SECTION 4, T 137, Rg 28, S 8° 30' W 11.4 ft. & 4 in. birch; thence E 1.7 ft. thence N 11.3 ft. & section corner. At the corner of sections 2, 3, 34, 35 T 137, Rg 28, T 138, Rg 28, we set a 60D spike and a 4x4x60 inch stake for the true section corner. At the E 1/4 corner between sections 2, 35, T 137, Rg 28 and T 138 Rg 28 we drive a 60D spike for the true 1/4 corner, with new bearing trees as follows: 14 inch poplar N 40° 30' E 68.10 ft. 4 in. section 35; 5 in. birch S 60° W 36.70 ft. in section 2 we run
 IN SECTION 2 T 137 Rg 28 S 60° W 36.7 ft. 85 in. birch thence N 11.4 ft. thence E 31.8 ft. & 1/4 corner. At the corner of sections 2, 3, 34 & 35 we find the stump of U.S. bearing tree from which we set a 5x3x36 inch stake for the true section corner and run S 25° 76.63 ft. & the 1/4 corner between sections 34, 35, T 138 Rg 28 which we established from the stump of the old U.S. bearing tree plainly marked. We set a 3x36 inch stake for the true 1/4 corner and find the distance 2717.63 ft. S to the corner of 2, 3, 34, 35 with a cross in the section line at the 1/4 corner. Running S. between sections 34, 35, the S line of this mile crooked to the right or west 7° 52'. At the corner of sections

SURVEY No. 156

Sections 3 and 10 Town 138 N

Range 29 W 5⁴⁴ P.M.



FIELD NOTES.

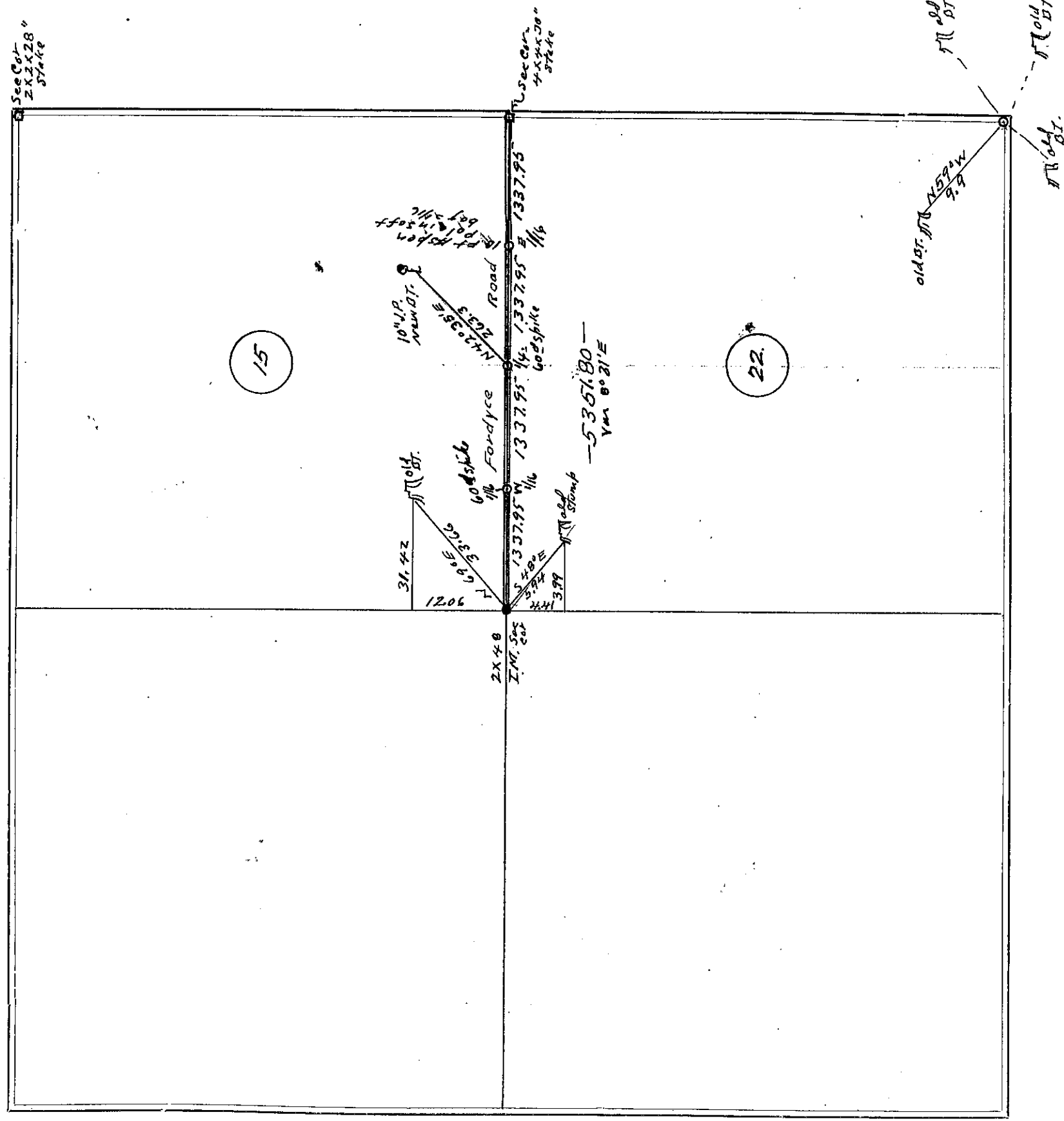
2, 3, 34, 35, we find the stumps of what we believe to be the old U. S. bearing trees, as they check for course and distance with the corner we have set, but the stumps are very dimly marked. Having a line between sections 26, 35, we find the same to be 5570.70 ft. rough chain and figures according to the angle of the side line 5571.37 ft. At the corner of sections 22, 23, 26, 27, N 38° 25' E 25' U. S. notice called for almost and the following bearing trees: (Y) pine 10 inches N 65° E 207 links (= 184.80 ft.) (Y) pine 7 inches S 35° E 313 links (= 296.57 ft.) (Y) pine 4 inches S 44° W 346 links (= 228.30 ft.) We find the stumps of all three bearing trees from which the corner by flat chain from the face of the stumps after which stumps stand as follows: N 62° 30' E 184.06 ft. S 31° E 206.58 ft. S 45° 15' W 237.43 ft. distance between the N. E. and S. W. stumps is 1.65 ft. short, proportionately divided. We set a 2x2x20 inch stake for the true corner and run the entire mile south on a straight line to the center of sections 26, 27, 34, 35, and find the distance 5235.56 ft. which we divide into four equal parts and set a stake for the 1/4 corner and a stake for the 1/2 between sections 26, 27, chaining the distance between sections 27, 34, 35, N 38° 25' E 5571.30 ft. carefully chained, and as the 1/4 corner the entire mile is straight. At the corner of sections 2, 3, 10, 11, S 138° 28' U. S. notice called for 6 in. birch N 65° E 28 links (= 18.48 ft.) 7 in. aspen N 60° W 20 links (= 13.20 ft.) 4 in. fur S 32° E 22 links (= 14.52 ft.); birch aspen S 35° W 15 links (= 9.90 ft.) We find the S. W. and the S. E. ~~the~~ bearing trees plainly marked from which we set a 4x4x16 inch day pins post for the true section corner by flat chain from the face of the stumps, and marked new bearing trees as follows: Birch poplar

SURVEY No. 156

Sections 15-22

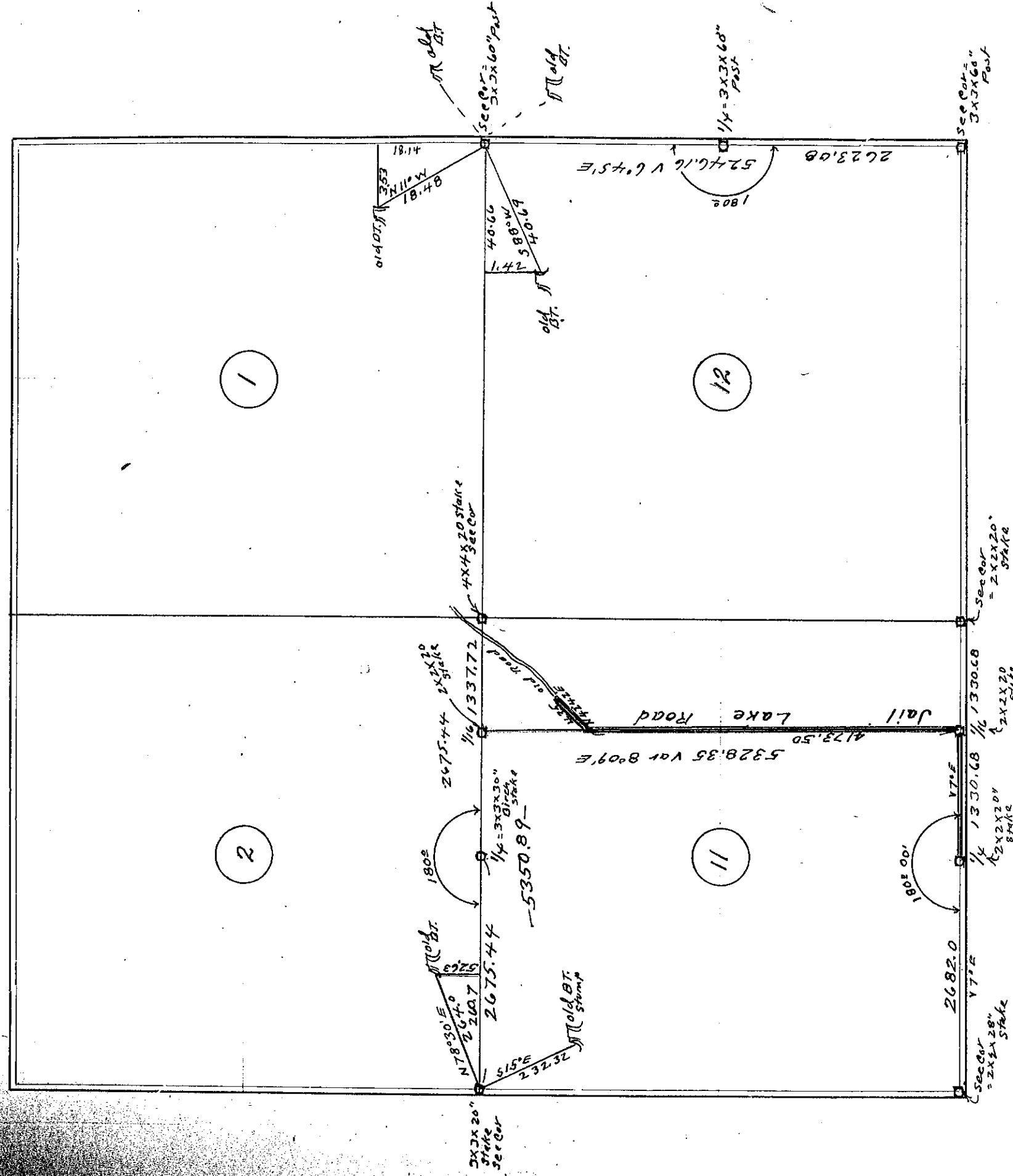
Town 138 N

Range 29 W 5th PM



FIELD NOTES.

Crossing N, S, E. and W where we set a 4x4x6 inch dry spruce post for the true section corner with new bearing trees as follows:
 20 inch white pine stump N 84°0' E 31.05 ft., 3 in. poplar N 48°0' W 34.20 ft., 10 inch dead upine S 53°0' W 51.90 ft., 3 inch dead upine S 30°0' W 22.70 ft., 10 inch dead upine S 18°0' E 29.45 ft. set with survey compass at 8°30' variations. Then as a check we run in section 13 N 84°0' E 31.05 ft. to W. P. stump; thence S. 3.20 ft. thence W 30.9 ft. to section corner; thence
 1N SECTION 14 S 138°0' E 28.7 ft. to 40°0' W 34.2 ft. to 3 inch poplar thence C 22 ft. thence S 66.2 ft. to section corner; thence
 1N SECTION 23 S 138°0' E 28.7 ft. to 30°0' W 22.7 ft. to 3 in. white pine. thence E 1.2 ft.; thence N 22.67 ft. to section corner; thence
 1N SECTION 24 S 138°0' E 28.7 ft. to 30°0' W 22.7 ft. to 3 in. white pine thence W 9.1 ft.; thence N 30 ft. to section corner. From which we run 5 miles W to the corner to sections 13, 18, 19, 24, 25 on the Range line between S 138°0' E 28.7 ft. and by proportionate measurements establish the corner to sections 14, 15, 22, 23 S 138°0' E 28.7 ft. where we set a 60 D spike and a 5x3 x 60 inch stake for the true corner. As the town board do not care to stand the expense of running the line ~~to~~ North to South to establish the corner to sections 15, 16, 21, 22, S 138°0' E 28.7 ft. we preserve to point and drive a 60 D spike which fixes this corner for position as East and West with new bearing trees to the spike viz:
 1N SECTION 15 S 138°0' E 28.7 ft. we run N 370°45' E 105.9 ft. to 3 in. poplar; thence W 89.6 ft.; thence S 32.5 ft. to the spike; thence
 1N SECTION 22 S 138°0' E 28.7 ft. to 43°0' E 107.4 ft. to 4 in. poplar thence W 73.2 ft.; thence N 78.6 ft. to spike at the corner of sections 16, 17, 20, 21, the N. S. bearing trees are gone and we



FIELD NOTES.

N 65° E 28 links (= 18.48 ft.) 4 in. spruce N 60° W 20 links (= 13.20 ft.) 4 in. fur S 32° E 22 links (= 14.52 ft.) 6 in. spruce S 53° W 15 links (= 9.90 ft.) W 2 find the old W, and S.E. bearing tree plainly marked from which we set a 4x4x16 inch dug pine post for the trees section corner by flat chain from the face of the stump, and marked new bearing tree as follows, 4 in. poplar N 42° E 71.10 ft. 4 in. poplar N 65° W 30 ft. 6 in. poplar S 43° W 50.4 ft. 4 in. poplar S 15° E, 64.3 ft. then ran a check we run

1 N SECT 10 N 2 S 138, R 28 N 42° E 71.10 ft. 8 in. poplar thence S 32.6° thence W 47.7 ft. to section corner, thence

1 N SECT 10 N 3 S 138, R 28 N 65° W 30 ft. to junction poplar thence S 14.8 ft. thence E 30.7 ft. to section corner, thence

1 N SECT 10 N 10 S 138, R 28 S 43° W 50.4 ft. 8 in. poplar thence N 34.4 ft. thence East 36.9 ft. to section corner, thence

1 N SECT 10 N 11 S 138, R 28 S 15° E 64.3 ft. 8 in. poplar thence W 16.6 ft. thence N 65.1 ft. to section corner from which we run S three miles to the corner of sections 2, 3, 26, 27, finding the distance 15, 993.05 ft. and as all the old U.S. corners along the line are lost we divide each mile into three equal parts of 5264.35 ft. each and set temporary corners, then to get to and W measures we go to the corner of sections 13, 14, 25, 26 due N.S. water called for a post and the following bearing trees:

5 inch W birch N 62° E 12 links (= 4.92 ft.) 4 in. white birch N 20° W 29 links (= 22.44 ft.) 4 in. spruce S 25° E 28 links (= 18.48 ft.) 2 in. find old rooted remains of the old B.T. stump and a part of the old stake, with well defined old blazed section line

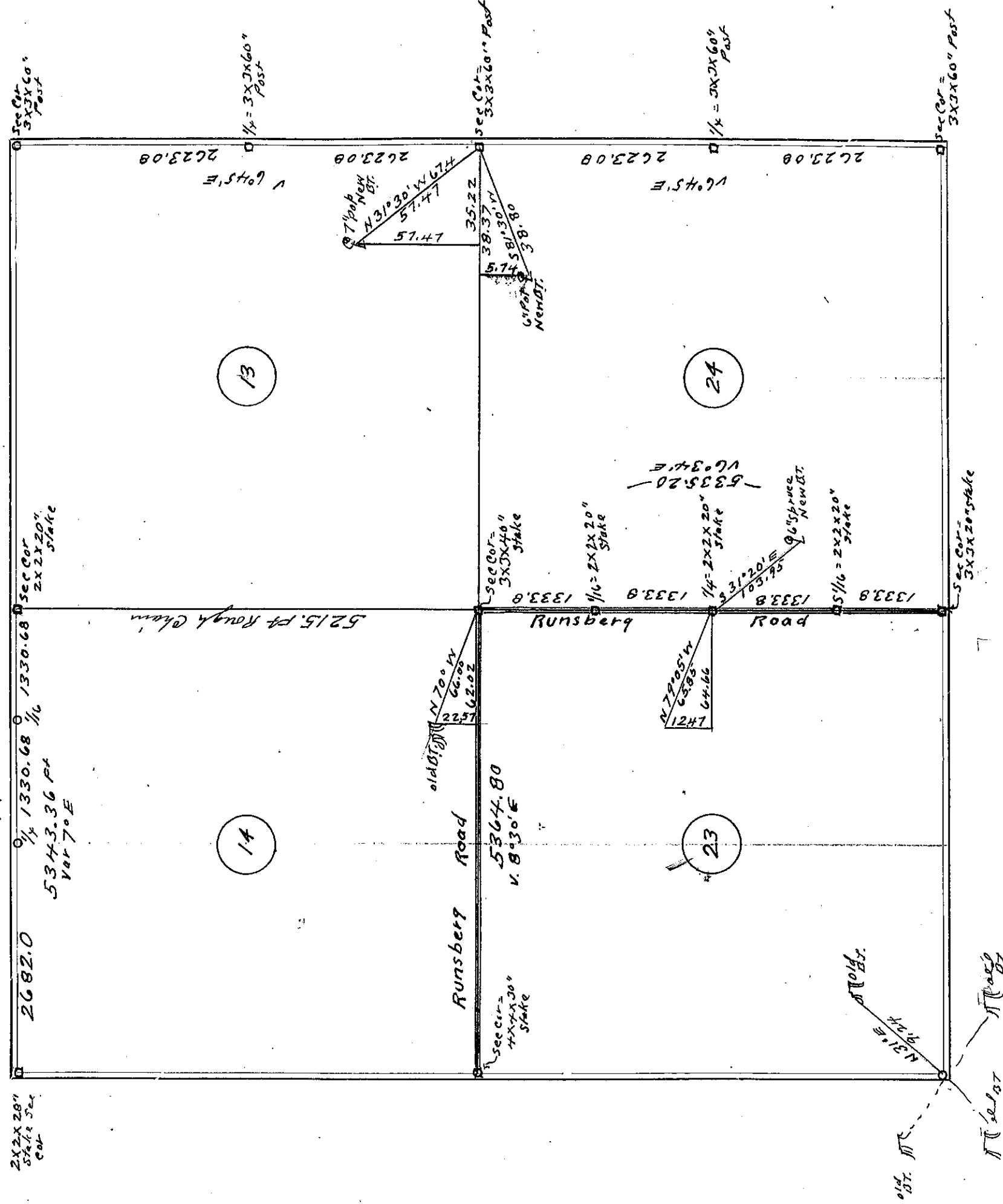
Sections 13-14-23-24

Town 138 N

Range 29 W 5th PM.

ORIGINAL NO. 156

53⁴ 34⁰ 8³ 1'



FIELD NOTES.

the Town Board do not care to run the line N & S in order to establish this corner we drive a 60 spike which fixes the position of the corner and E & W set by proportion with new bearing true as follows: intersection

W 240° E 87.10 ft. to these and
thence W 35.4 ft. thence S. 79.6 ft. to temporary
Sec. Cor. Hence

1 N SECTION 21 T138 R29, S 46° E 29.3 ft. to the
in. which thence W. 27.1 ft. thence N. 20.4 ft. to the
Sec. spike. At the corner to sections 17, 18, 19, 20 machine
a spike to fix the position as E & W with new bearing true
as follows we run

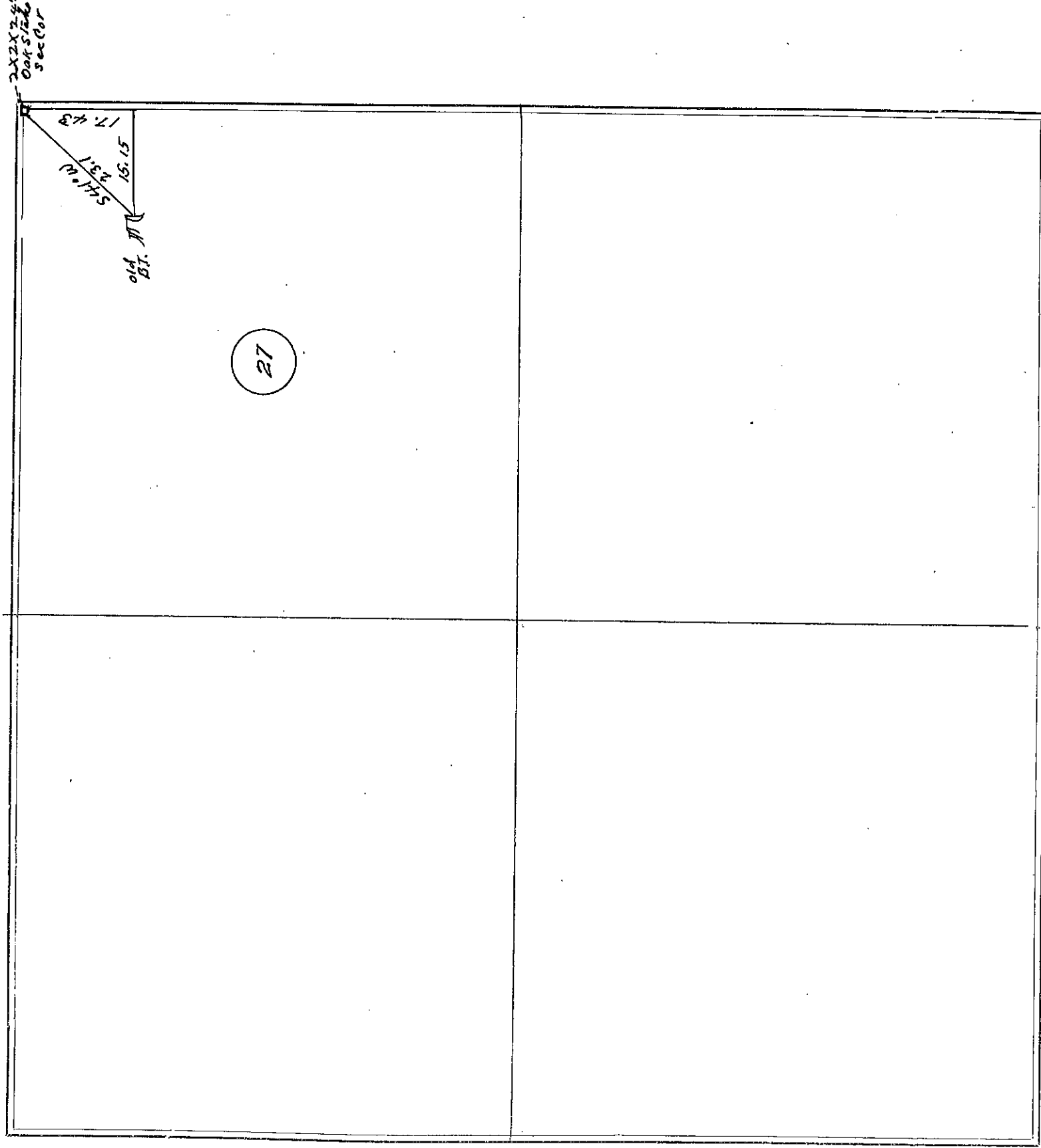
1 N SECTION 10 N 17 31 38 R29, N 49° 30' E 22.7 ft. to 1 in.
aspens, thence W 17.3 ft. thence S. 14.7 ft. to spike, thence
1 N SECTION 20 T138 R29 we run S 34° 0' E 32.7 ft.
to 4 in. aspen; thence, W 18.3 ft. thence N. 27.1 ft. to
spike at Camp. corner. At the corner of sections 11, 12, 13, 14,
T138 R29 S. notes called for post and
6 in. Twp. N. 120° E 115 links (= 75.90 ft.).
6 in. Wp. S. 36° 0' E 35 links (= 36.10 ft.).
6 in. " 39° 0' W 25 " (= 16.30 ft.).

We find the stump and body of the S. W. tree very plainly
marked. From which I set a 4 x 4 6 in. dried dry pine post
for the true Sec. cor. from which I run

1 N SECTION 10 N 12 31 38 R29: N 120° E 75.9 ft. to stump of old
N. bearing tree; thence S. 10.6 ft. thence W. 75.2 ft. to the
section corner from which we run 2 miles west to the
corner of sections 9, 10, 15, 16: N. S. notes called for post and

SURVEY No. 156

Section 27 Town 138 Range 29



FIELD NOTES.

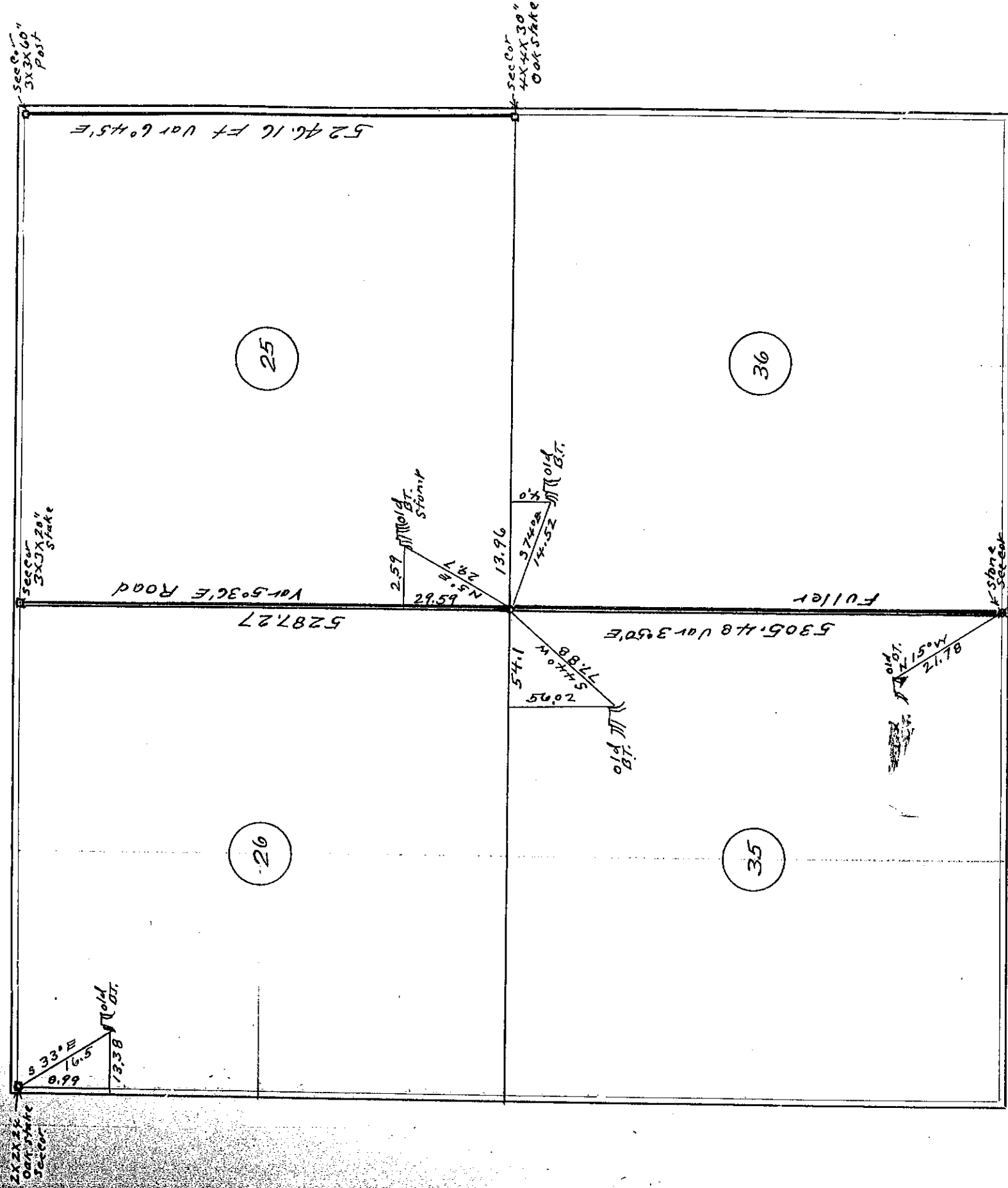
the following bearing trees: 10 in. aspen N 28° E 28 links (= 18.45 ft.) 10 in. Y pine S 53° E 46 links (= 30.3 ft.), 10 in. Y pine S 38° E 24 links (= 15.84 ft.), 12 in. aspen N 48° W 35 links (= 23.10 ft.) We find both pine trees down but plainly marked, uprooted with the roots still holding in the ground and marked the corner by flat chain from the top of where the trees once stood, after which we find the position of both trees correct to corner and distance, and set a 3x4x6 inch iron post. for the true sec. cor. from which we run N 57° E 710 N 9 N 38, Ry 28 N 78° W 23.10 ft. to the root of the old N. W. B. T. corner S. 4.8 ft. thence E 22.6 ft. to the sec. cor. West the corner to sections 10, 11, 14, 15 N 138 Ry 28 by proportionate measurement, N, S. C. W., we set a 2x2x60 in. stake for the true corner. ~~then~~ We divide the mound in 4 equal parts and set a 60 d spike & a 2x2x20 in. stake for the E 1/4 corner to sections 10, 15 and the same with the 1/4 corner & the west 1/4 corner between sections 10 & 16.

The bridge road begins at the corner of sections 15, 16, 21, 22 and runs S 35°, 80 ft. to the corner of sections 14, 15, 22, 23 Ry 29 at 80° 31' yard

The Runberg road begins at the corner of sections 14, 15, 22, 23 and runs with a var. of 38° 31' E 63.64.80 ft. E to the corner of sections 13, 14, 23, 24 thence S at a var. of 60° 34' E 53.35.20 ft. S. to the corner of sections 23, 24, 25, 26, 27, 28, Ry 28.

SURVEY No. 156

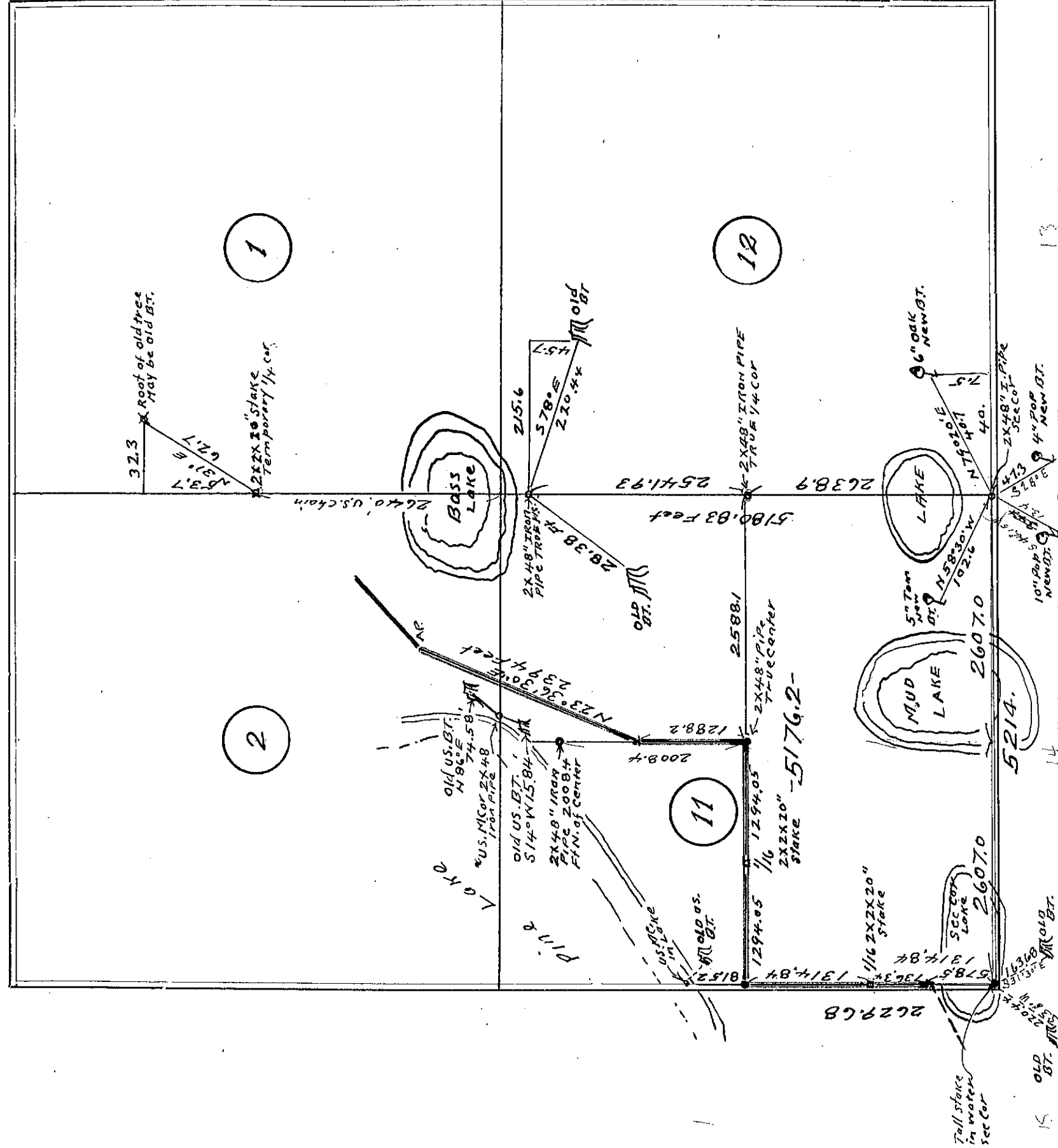
Sections 25-26-35-36 Town 138 N Range 29 W 54 P.M.



FIELD NOTES.

The fuller road begins at the corner to Sec. 23, 24, 25 and 26. and runs with a var. of 50° 36' E 572 87.27 ft. S to the cor. of Sec. 25, 26, 35, 36. Thence with a var. of 3° 30' E continues 5300.48 ft. S to the cor. of Sec. 14, 25, 26. between Twp. 138 R. 29 & 138 R. 29. The Jail Lake road begins at the 1/4 cor. bet. Sec. 14, 14, T 138, R. 29, and runs E along the Sec. line with a var. of 7° E 1330.68 ft. to the E 1/4 cor. Thence along the true E 1/4 line of Sec. 14, with a var. of 8° 09' E, 44' 73.30 feet, Thence N 42° 42' E 436.5 feet. Intersecting the old main road in T 138, R. 29. The Stillin road begins at the E 1/4 cor. bet. Sec. 10, 15, and with a var. of 3° 41' E runs 1317.83 feet E to the cor. of Sec. 10, 11, 14, 15. Thence S with a var. of 7° 29', E 576 64.33 feet to the cor. of Sec. 14, 15, 22, 23. Thence with a var. of 8° 08' E runs 2264.35 feet S to the cor. of Sec. 22, 23, 26, 27, thence with a var. of 7° 30' E continues S 2617.78 feet. Thence with a var. of 7° 30' E continues 2617.78 ft. to the 1/4 cor. bet. Sec. 26, 27, all in Twp. 138, R. 28.

The Stillin road begins at the 1/4 cor. Sec. 26, 27 and with a var. of 7° 30' E runs 2617.78 feet S to the cor.



FIELD NOTES.

Survey extends over a part of
Sections 1-2-3-4-8-9-10-11-12-13-14-15. T 137 N R 27 W

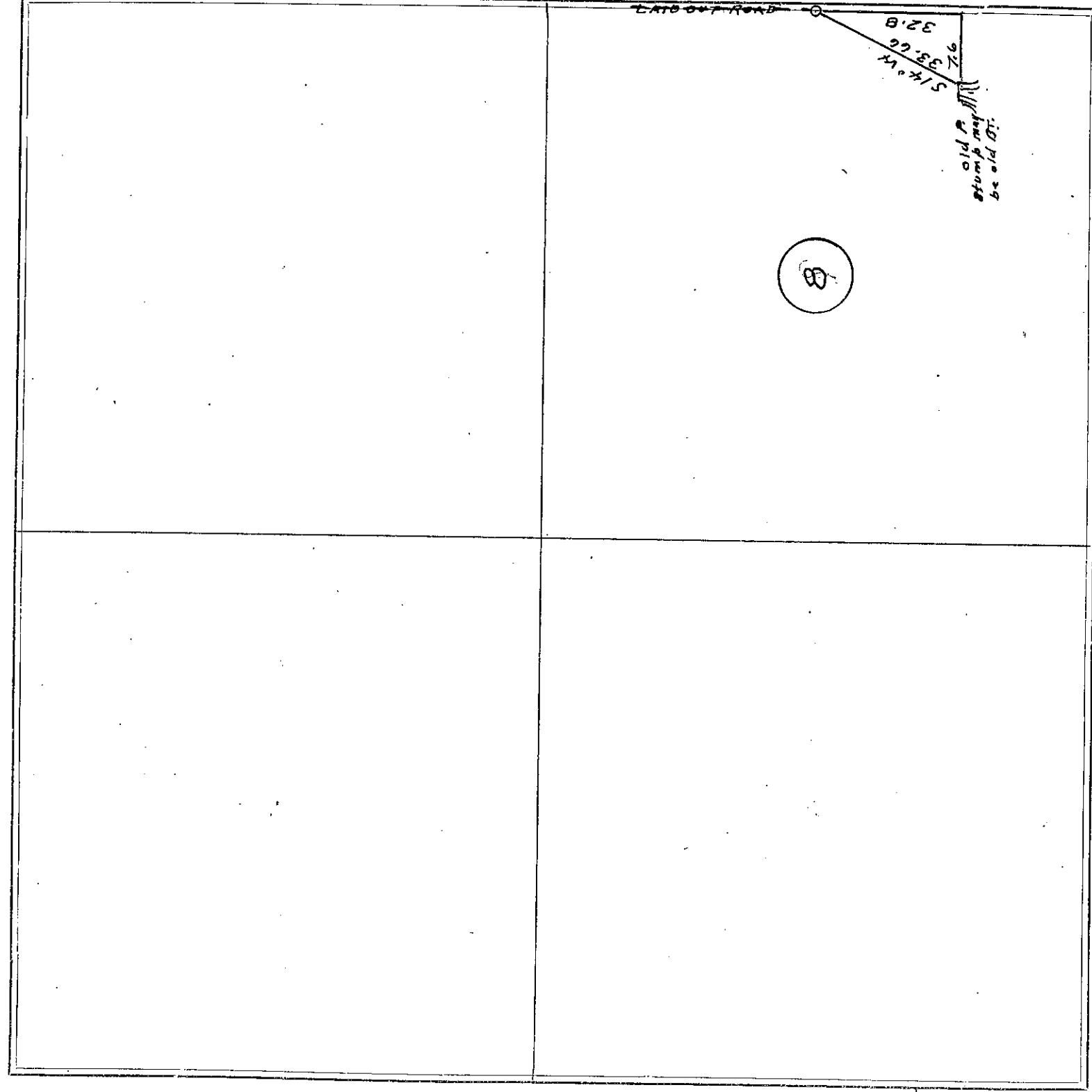
Field notes of the survey of a part of Sec. 1, 2, 3, 4, 8, 9, 10, 11, 12, 13, 14, 15. Township 137 N, Range 27 W, T. 137 N, R. 27 W, the spot water survey for old W. S. bearing trees. The establishment of new sec. cor. and new bearing trees and the establishment of iron pipes at the sec. cor. and the laying out wagon roads as surveyed by and under the direction of John W. Co. and County Surveyor C. W. Wing, C. O. Dorman. The road is a wagon road a mile long, beginning at the center of Sec. 9 T 137 R. 27, beginning at the 1/4 cor. bet. Sec. 9 & 10 & running thence W. along the center line one mile or less to the 1/4 cor. bet. Sec. 8 & 9 intersecting with the main traveled N. & S. wagon road and to be known as the Pettibone road. The other road allowed is for a road beginning at the N.E. corner of Sec. 9 T 137 R. 27, and running thence S along the sec. line bet. Sec. 14 & 9, about 1/4 of a mile to Bass Lake; thence S W about 1/2 mile to a point near the 1/4 cor. bet. Sec. 9 & 11; thence S 1/2 mile to the center of sec. 1; thence W 1/2 mile to the 1/4 cor. bet. 10 & 11; thence S 1/2 mile to the cor. of Sec. 10, 11, 14, 15; thence W 1/2 mile or less following the sec. line bet. 10 & 11 to the center of the main traveled road to be known as the Pettibone road. At the cor. to Sec. 11 T 137 R. 27, we found the remains of the old sec. cor. post and top of the old N.E. bearing trees beginning the N.E. & S.E. trees plainly marked from which we establish the point for

SURVEY No. 157

Section 8

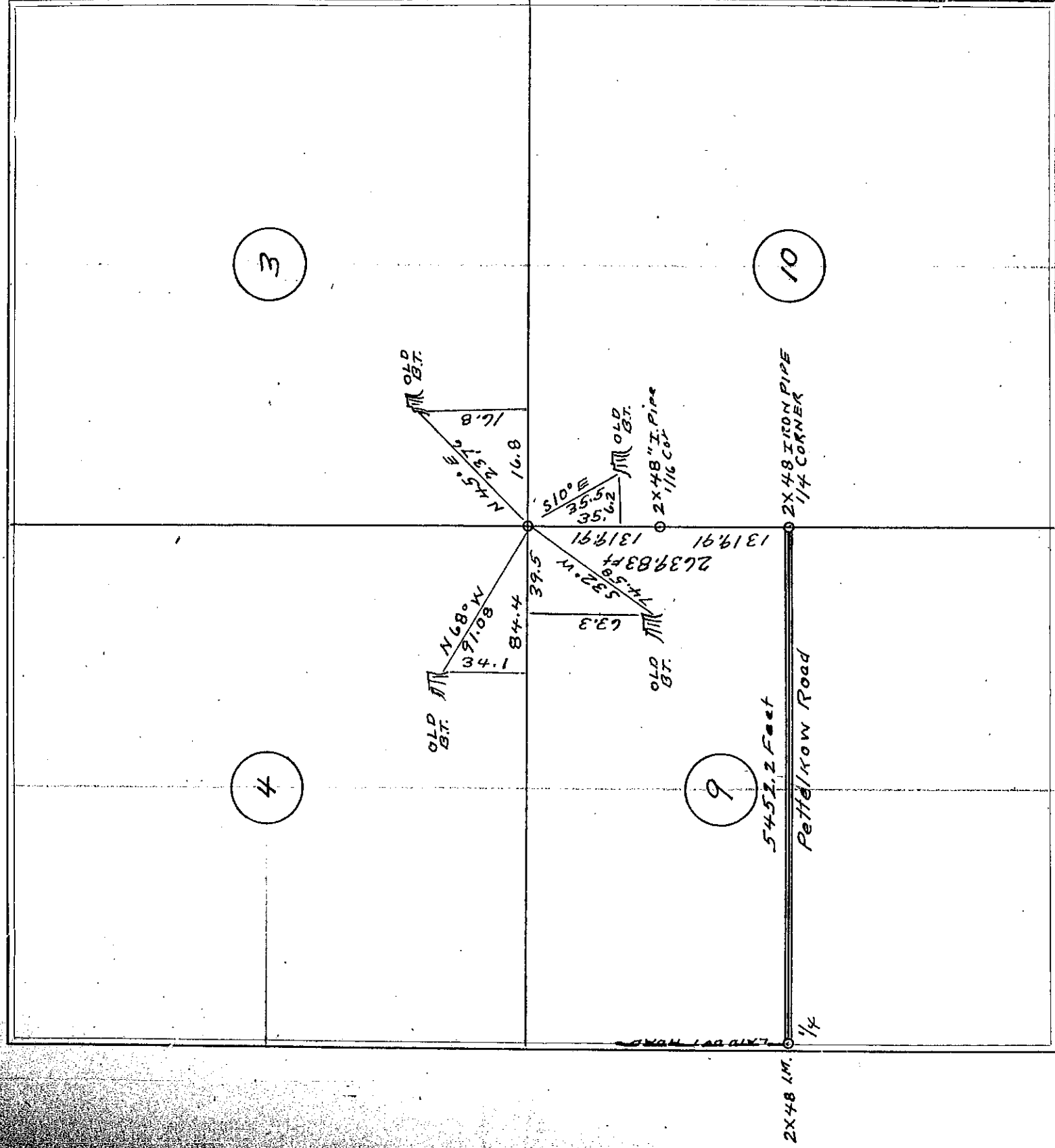
Town 137 N

Range 27 W 5 PM



FIELD NOTES.

The tree Sec. Cor. where we set a ≈ 148 " iron pipe driven its full length in a circular mound of dige for the timber Cor. and plant new bearing trees as follows: 6" Oak N $79^{\circ} 20'$ E 40.7 feet 5" for 2nd N $58^{\circ} 30'$ W 102.6 ft. 10" poplar S $44^{\circ} 15'$ W 13.4 feet 4" poplar S 28° E 47.3 feet. Then as a check we say: 1 N SECTION 13, T 137, R 27, N $79^{\circ} 20'$ E 40.7 ft. to 6" Oak; thence S 7.50 ft. thence W 40.0 feet to Sec. Cor. thence 1 N SECTION 14, T 137 R 27: S $44^{\circ} 15'$ W 34.4 ft. to 10" poplar; thence E 24.00 feet; thence N 24.64 feet to Sec. Cor. thence 1 N SECTION 13, T 137 R 27, S 28° E 47.3 ft. to 4" poplar thence W 22.2 feet. thence N 41.8 ft. to Sec. Cor. At the Cor. to Sec. 10, 11, 14, 15, T 137, R 27, we find the stump of two of the old W. S. bearing trees where B. S. notes call for post aged 47. Since 1873: 14" W 94.4 ft. to (603, 24 ft.) 4 Pines 74.44" W 94.4 ft. to (626.34 ft.) 14" W 16" S 21.44" E 94.4 ft. to (633.68 ft.) W. " 13" S 38° W 33.4 ft. to (220.44 ft.) We found the stump of the old W. S. tree and the old S. W. tree both plainly seen, and from which we set the point for the Sec. Cor. by flat chain from space of both old B. T. stumps. We set a tall stake for the true Cor. to Sec. 10, 11, 14, 15, T 137, R 27, which falls in the edge of a small grassy lake which is 600 ft. wide N. and 1600 ft. Sec. thence. From the Cor. we run as a check 1 N SECTION 15, T 137, R 27: S 38° W 220.44 ft. to stump of old S. W. bearing tree thence E 135.7 ft. thence N 173.7 ft. to Sec. Cor. On account of the lakes & swamps along the line between 10, 11, 14, 15, T 137, R 27 we are compelled to get the distances by triangulation of the whole ground by chaining where we can't find the same to be 6214.00 feet and the way of the line to be $7^{\circ} 25'$ magnetic E. As the 14 Cor. bet. Sec. 11 & 14, falls in the W part of Mud Lake and



FIELD NOTES.

is this 1/4 cor. could not be set by the original U. S. Surveyors and is not set now & cannot be set. We will consider the true N & S centerline of Sec. 11, to run 2- with due parallel to the side lines. At M. C. No. 14 bearing U. S. measured cor. of the S. side of line. Lyke, bet. Sec. 11 & 12, T. 137, R. 27, U. S. notes call for a post & the following bearing trees:

10" W. Pine S 29° W 433 lks (= 28.38 ft.) 15" W. Pine S 78° E 334 lks (= 220.14 ft.)

We find the stumps of the old U. S. bearing trees from which we set the point for the true by flat chain from face of stump & set a 2x48" iron pipe in a large ground of dirt for the true W. S. M. C. bet. Sec. 11 & 12, T. 137, R. 27 which sets 6 ft. S. of the water edge of Broad Lake. Then as check we run

IN SECTION 12, T. 137, R. 27: S 78° E 220.14 ft. to stump of old S. 1. thence N 45° 7 ft. to the true W. S. 15° 6 feet to M. C.

From this cor. S. to the S. cor. is given in the U. S. notes as 785.5 lks being 518.2, 98 feet U. S. again & we find the distance 5180.53 feet my chain being 2,15 ft. short; we get the distance by triangulation of a small lake & by chaining & as the 1/4 cor. is gone bet. Sec. 11 & 12, we re-establish the same by proportional measurement & set the point for the 1/4 cor. 2638.9 ft. N of Sec. cor. 2640 ft. U. S. chain equals 2638.9 ft. my chain where we set a 2x48" iron pipe in a large mound of dirt for the true 1/4 cor. bet. Sec. 11 & 12, T. 137, R. 27.

We look for the W. S. M. C. on N. side of Broad Lake bet. Sec. 11 & 12, but find nothing, to have run N. on Sec. line bet. Sec. 11 & 12, we set a post for the true W. S. M. C. call for a post & the following bearing trees: 49 ft. 6" 431° E with (= 62.77 ft.) Oak 68° 42' W 18 lks (= 11.88 ft.)

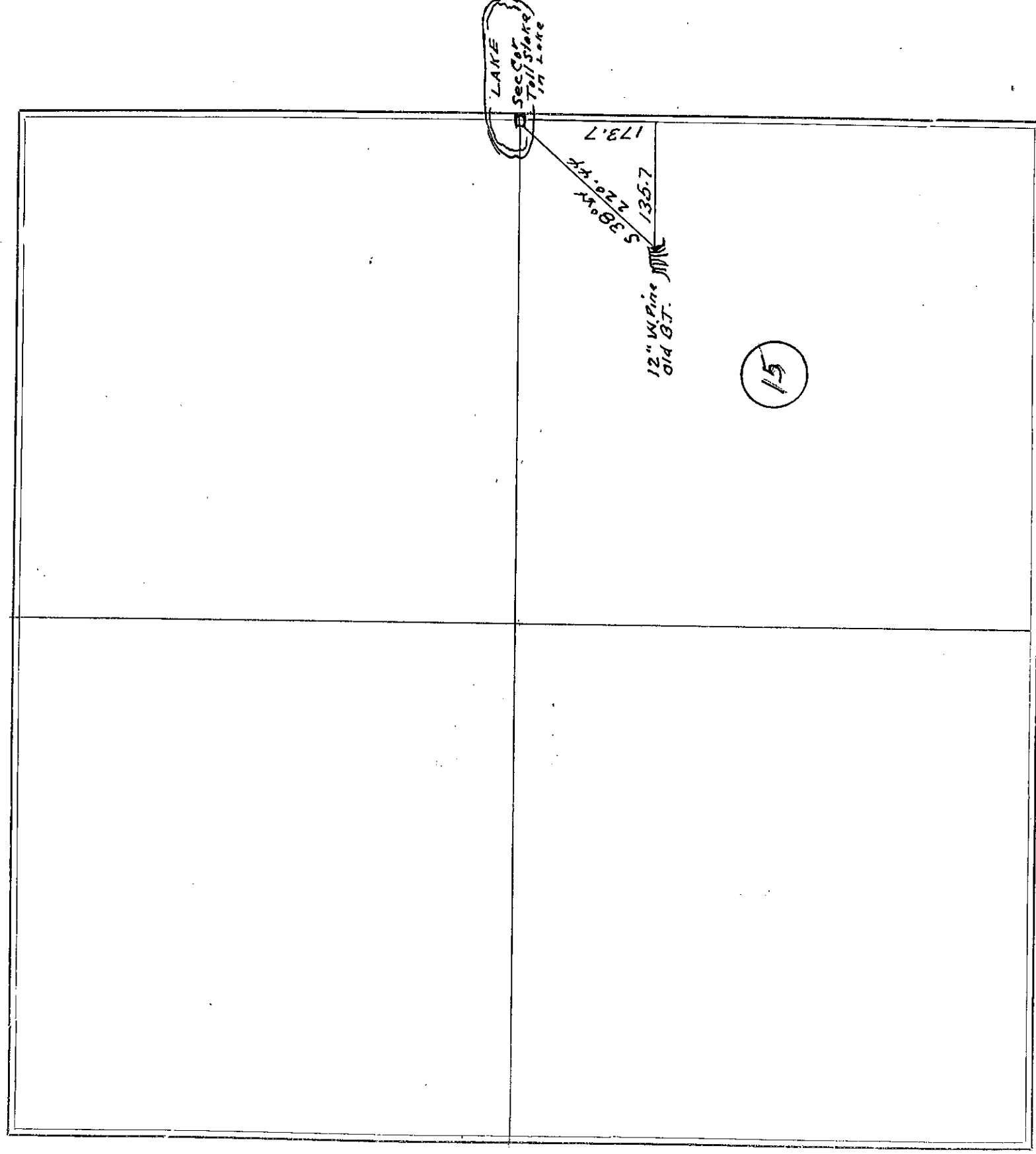
We find a small hut at the required distance N. over which we set a post & to search for the 1/4 bearing trees we run:

SURVEY No. 157

Section 15

Town 137 N.

Range 27 W. 5 P.M.



FIELD NOTES.

IN SECTION 1, T 137, R 27, N 31° E 62.70 ft. to an old post which may be the root of the old B.T. the range W 32.73 ft. then S 53.7 ft. to temp. 44'. The oak appears to be gone. 20' of pass then to cor. up.

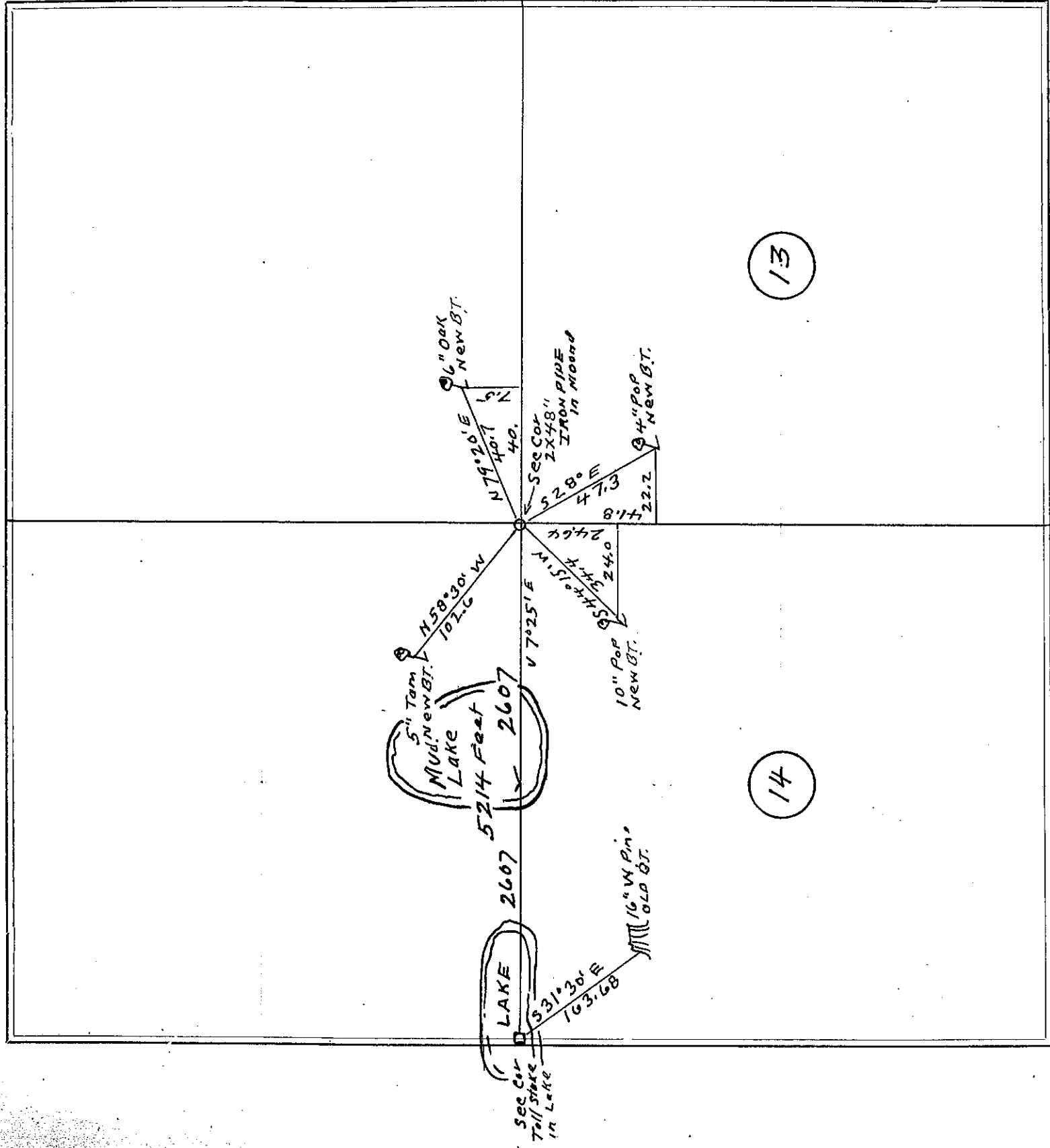
At M.C. No. 17 on S side Pine lake bet. Sec. 10 & 11, T 137, R 27 N. I note call for a post and the following bearings to Pine 10" S 57° W 32.2 kts. Pine 20" S 57.11° E 71 ft. (= 46.8 ft.) The shore is washed away till the stake is gone also the S.W. tree, but we find the stump of the E. tree, the depth plainly marked from which we figure the point for the tree M.C. which we cut in the deep water of Pine lake.

Sec. 10 & 11. Length of Sec. line bet. Sec. 10 & 11, T 137, R 27 1 leg in at the S.W. cor. Sec. 11 & get the distance across the lake by triangulation at 576.50 ft. N. set a stake on the Sec. line 33.09 ft. N of water edge; this will be the segment line at the water point of the new road. We find the total length of the line to be 2721.54 ft. N.S. chain & equal 2711.20 ft. my chain being 10.64 ft. short in 2721.54 ft. & as the 14 cor. is gone I proportion the distance of 2640 ft. to be 10.32 ft. short of the N. S. chain.

Carpet around ditch for the new chain got which point set a 2 1/2" iron pipe in a line with the E & W center line of Sec. 11 T 137, R 27 to be 5176.28 ft. long and at a point half way bet. being 2588 ft. from each 14 cor. I set a 2 1/2" iron pipe in a low mound of dirt to mark the true center of Sec. 11, and also to mark the angle from both new township road.

At M.C. no. 98 on the E side Pine lake bet. Sec. 24 & 25, T 137, R 27 N. I call for a M post with bearings as follows:

M.C. No. 24 S 44° W 24 kts (= 15.84 feet) M.C. No. 14 N 76° E 113 kts (= 74.55 ft.) We find the stump of the S.W. tree from which we set the point for the tree M.C. and also the S.W. tree iron pipe in a large mound of dirt for the tree M.C. bet. Sec. 24 & 25, T 137, R 27. I note which did run.



FIELD NOTES.

IN SECTION 2 T 137 R 27: N 86° E 74.5 ft. to the root of an old tree which may have been the old N. S. tree; thence S 5.2 ft. thence W 74.4 ft. to place of beginning. With tape out at true center of sec. 11, T 137, R 27. Section 11 with line parallel to the true section line & north true center line of sec. 11: at 2008.4 ft. set a 2x4x8 " iron pipe in a large mound of dirt near the true N & S center line of sec. 11 at 2027.2 ft. N, set bulk in sea wall of Pine Lake: at 2082 ft. the edge of sea wall - enter sand beach: at 2134 ft. enter waters edge of Pine Lake which heaps. N E & S W; At a point 1449, 30 ft. N of center of sec. 11 the main stage road runs N E & S W. At the true N 60 cor. at the center of W half of sec. 11, we set a 2x20 " stake, and at the S 60 cor. bet. sec. 1041, we set a 2x20 " stake for true N 60 cor. Beginning at point on center line of sec. 11, at 1566.30 ft. N of center we run new road line N 28° 36' 30" E at 1165 - cross new wagon trail which runs N W & S E: at 1592 extend end of main stage road, runs S W: at 1641 ft. E. side of bend of stage, which runs N - N W: at 2394 intersect old angle point stake set by James Graham, Co Surveyor of Co. of Mining Co. at a point where the quit surveying this range road, coming from the N E. This point is about 20 ft. E. of Copmans house.

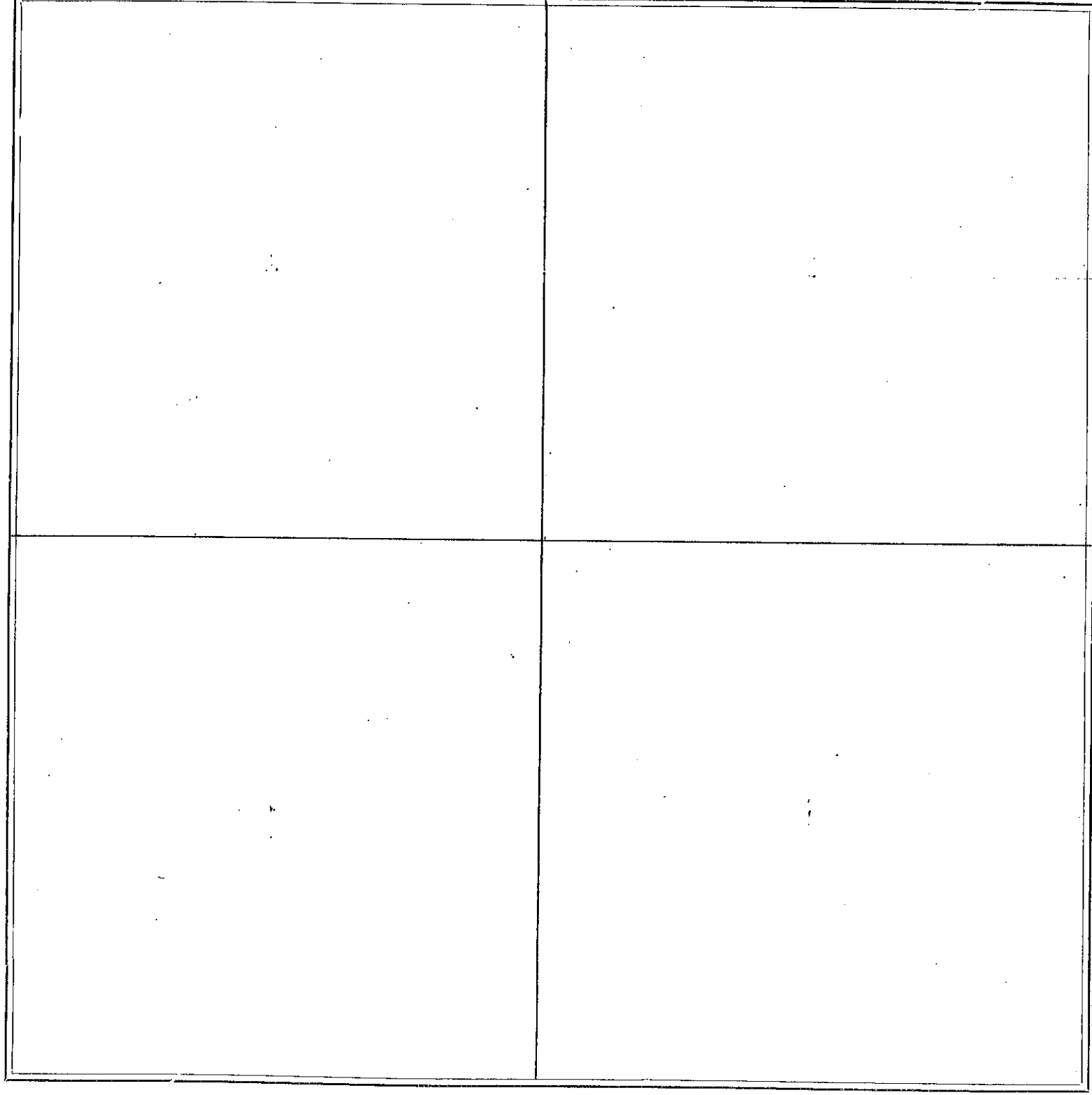
The survey of this road we run as shown by the map herewith, but we did not finish the S. W. end of road survey as the town board decided not to spend any more money on time or same, nor allow us time to put in any new bearing trees.

In the survey of Pitted how road we go to the cor. of sec. 34, 210, T 137 R 27 where N. S. note call for a post with bearing trees as follows:

4 Pine 20" N 45° E 36 lbs (= 23.76 feet) W line 24" N 68° W 138 lbs (= 91.08 ft.)
 20" S 10° E 55" (= 36.30 ft.) N 1" 28" S 32° W 113" (= 74.58 ft.)

We find the stumps of all four trees which check out for course & distance except that the S. E. stump is 1.80 of a foot too close. We set a 2x4x8 " iron pipe for the true sec. cor. and as a check we run:

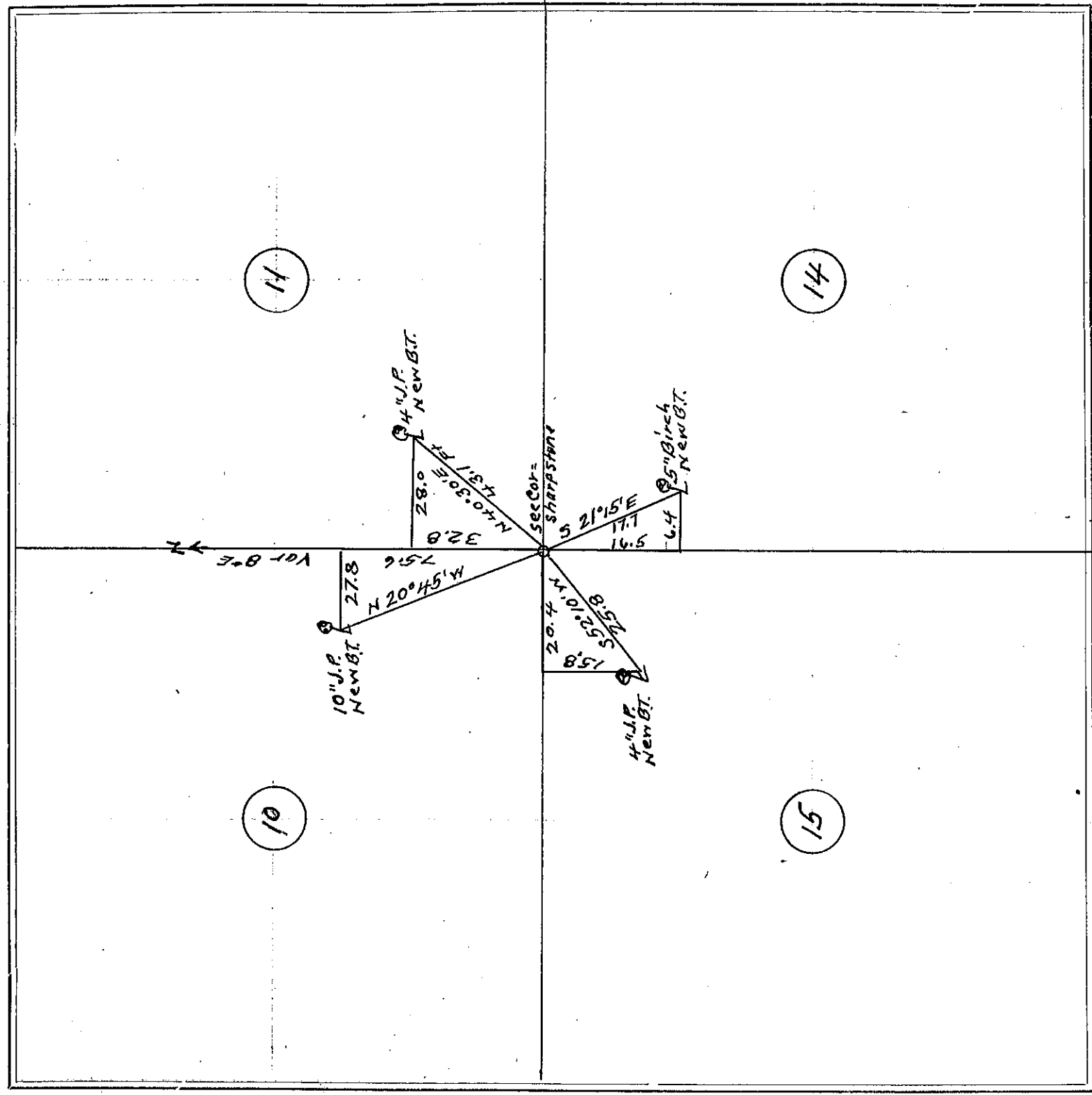
Section Town Range



FIELD NOTES.

IN SECTION 3, T137, R927, N45° E 23.70 ft. to stump of old B.T. Thence S 16.80 ft. thence W. 16.8 to Sec. Corner. Thence
 IN SECTION 4, T137, R927, N68° W 91.08 ft. to stump of old B.T. Thence S 34.1 ft. thence E 8.4, 4 ft. to Sec. Corner. Thence
 IN SECTION 9, T137, R927, S32° W 74.57 ft. to stump of old B.T. Thence N 63.3 thence E 39.5 to Sec. Corner. Thence
 IN SECTION 10, T137, R927, S30° E 35.50 ft. to stump of old B.T. Thence W. 2 ft. thence N 35.0 ft. to Sec. Corner. The place of beginning
 At the 44 Cor. bet. Sec. 9 & 10 T137 R927, we find the stump of both old N. S. bearing trees from which my set of 2x4s "iron pipe imbedded of dist for the true 1/4 cor. from which we chain. had a well north to Cor. to Sec. 3, 4, 9, 10 & find the distance 196.39, 83 ft. 9 at 1391. 98 ft. 9. we set a 2x4s "iron pipe for the true 1/4 Cor. bet. Sec. 9 & 10 T137, R927 with a large mound of dirt. We also mound the iron pipe at the corner to Sec. 3, 4, 9 & 10.
 At the 44 Cor. bet. Sec. 8 & 9, T137, R927, we find a small iron bolt set by Mr. F. H. G. a surveyor in the survey of a wagon road running N 45° E. we take up the bolt & put in its place a 2x4s "iron pipe, set its full length in the ground and seal all - mounded of dirt from which we run.
 IN SECTION 10, T137, R927 S 142° W 33.66 ft. to an old root which may be the root of the old N. S. bearing tree. Thence E 2.6 ft. Thence N 32.8 ft. to the corner. From which we run S 45° 2, 2 ft. E. along the center line of Sec. 9 to the 1/4 Cor. bet. 9 & 10 T137 R927 set stake to mark the road center of the better known road of the 1/4 Cor. bet. Sec. 8 & 9, set out S end of newly laid out road & set W of the W wheel track of the old main road. running S to cross into Post Office.
 Survey partly made in June & July 1917, measurements and angles checked & finished July 1918.
 Recorded May 25th 1920.

John W. C. and Leo Surveyor, Lenoir, Wyo. Co. Wyo.
 M. S.



FIELD NOTES.

Survey Extends Over
Sections 10-11-14-15 T134 R28

Field notes of the survey of a part of sections 10, 11, 14, 15, Twp. 134 N, Range 28 W, 5th PM. now being Co. Minn., as surveyed by John W. Lewis, County Surveyor. we find a sharp stone previously established by County Surveyor Whiteley for the true sec. cor., set from the old U. S. bearing trees which are now becoming obliterated and signs order that this Co. may not be lost mark new bearing trees by running a line in each sec. for the land owners.

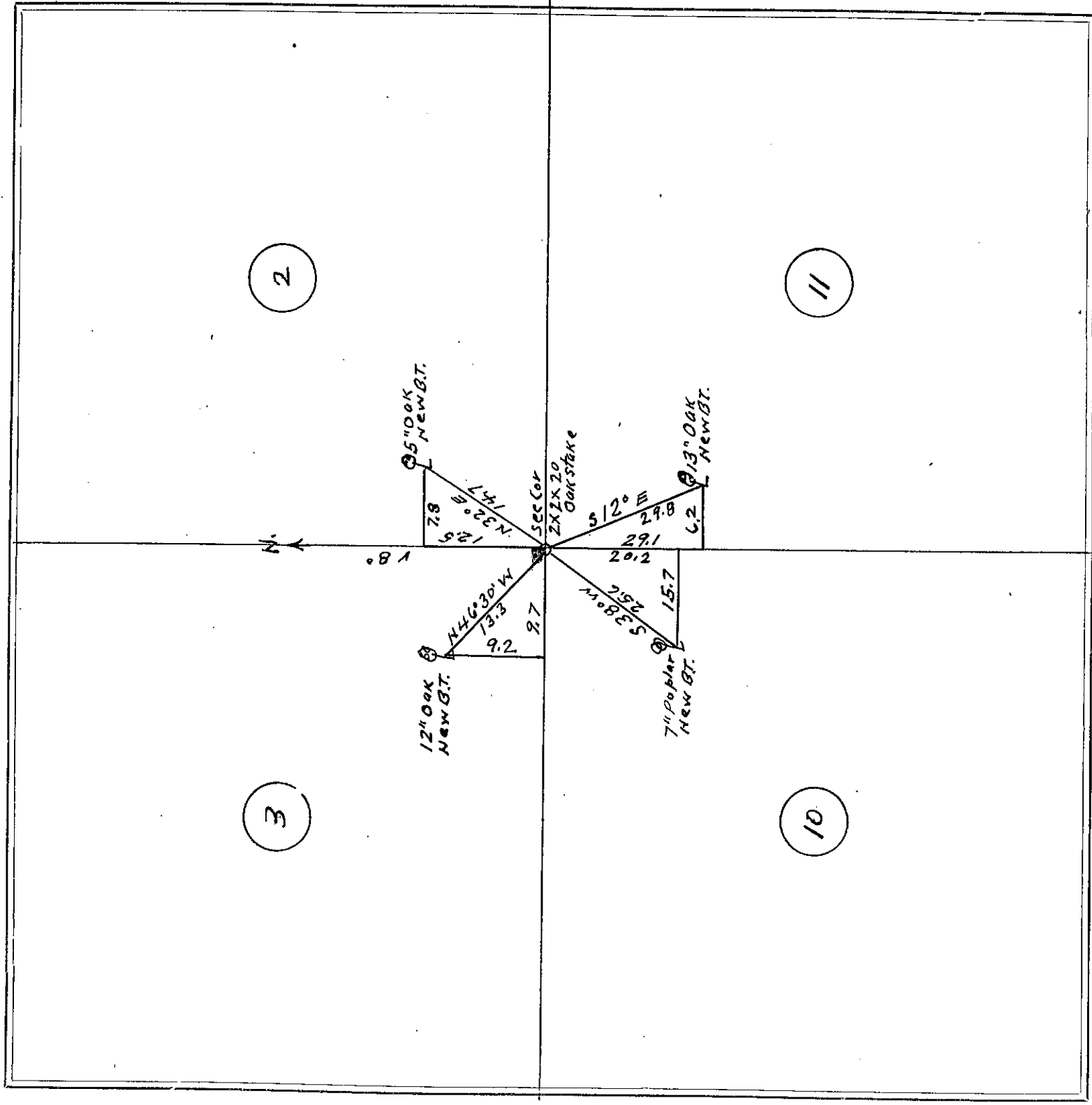
This stone corner set half way bet. two old fence lines running E & W & 66 feet apart, it is in line with an old fence leading north.

From the sec. Co. corner:
IN SECTION 11, T134, R28: N44°30'E 43.10 ft. to a 4" Jack Pine tree; thence W 28.0 feet; thence S 23.8 feet to Sec. Co. corner; thence IN SECTION 10, T134, R28: N20°45'W 80.8 feet to a 10" Jack Pine tree; thence E 27.8 feet; thence S 70.6 feet to Sec. Co. corner; thence IN SECTION 15, T134, R28: S52°10'W 20.8 feet to a 4" Jack Pine tree; thence N 15.8 feet; thence E 20.4 feet to Sec. Co. corner; thence IN SECTION 14, T134, R28: S21°15'E 17.7 feet to a 5" Birch; thence W. 6.4 feet; thence N16.5 ft. to Sec. Co. corner; place of beginning.

Magnetic Variation bears 8° E.

Surveyed and finished May 26-1920
Recorded May 26-1920

John W. Lewis, Co. Surveyor, now living Co. Minn.
J. M. J.



FIELD NOTES.

Survey Extends Over

Sections 2-3-10-11-T 134 R 29:

2, 3, 10, 11, Twp. 134 N, R. 29 W, 5th PM. to now Win. Co. Surveyor's Mission.
As surveyed by John W. to now Win. Co. Surveyor's Mission.
At the corner to Sec. 2, 3, 10, 11, T 134, R. 29, I found an old stake
4x4x36", badly rotted, previously established by County Surveyor or
whiteley for the true Sec. corner from old N. S. bearing trees which are
becoming decayed & obliterated and in order that this corner may
not be lost I mark new bearing trees for the land owners of
the various Sec. affected by running lines in each Sec.

This corner sets back 12 feet W. of the corner post of an old fence
running N. S. & W. at which point I place a new stake, being
21x21x20" from which I run:
IN SECTION 2, T 134, R. 29: N 32° E 14.7 feet to a 5" Oak tree; thence W. 28 ft.
thence S. 12.5 feet to Sec. corner, thence
IN SECTION 3, T 134, R. 29: N 46° 30' W 13.3 ft. to a 15" Oak tree; thence S. 9.2 ft.
thence E. 4.7 feet to Sec. corner; thence
IN SECTION 10, T 134, R. 29: S 38° W 25.6 ft. to a 7" Poplar tree; thence E. 10.7 ft.
thence N. 20.2 feet to Sec. corner; thence
IN SECTION 11, T 134, R. 29: S 13° E 29.8 feet to a 13" Oak tree; thence W. 6.3 feet
thence N. 24.1 ft. to Sec. corner. I place a spot at the base of each
new bearing tree.

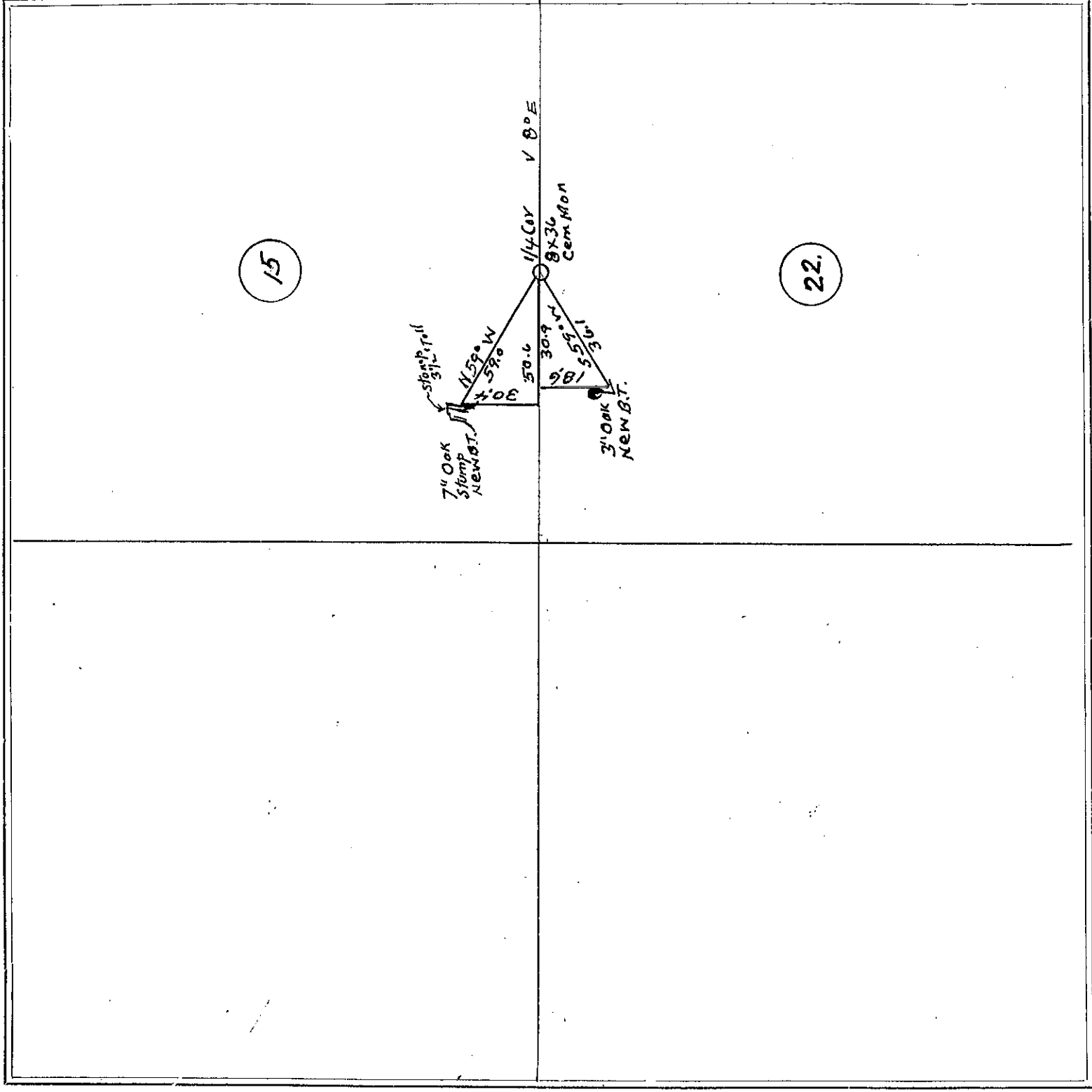
Magnetic Variation reads 8° E.

Surveyed, Checked & printed May 27-1920
Recorded May 27-1920

John W. to now, Co. Surveyor, Co. Win. Co. Minn.

SURVEY No. 160

Sections 15 and 22 Town 135 N Range 28 W 5th P.M.



FIELD NOTES.

Survey Extends Over T 135 R 28.
Sections 15-18-19-20-21-22-25-26-28-29-35-36

Field notes of the survey of a part of Sections 15, 18, 19, 20, 21, 22, 25, 26, 28, 29, 35, 36, T 135- R. 28, Range 28 W, 5th P.M. to now being Co. Minn. as surveyed by John W. Lewis, County Surveyor.

At the Cor. to Sec. 25, 26, 35, 36, T 135, R. 28, I find a very old stake 3x3x36" previously established from the old U. S. bearing trees, by County Surveyor Harrison and set for the true Sec. Cor. & at the request of the land owners in the various sections affected I presume this Cor. by making new bearing trees & running lines in each section.

This old Section corner post set up against the W. side of the Cor. post of your wire fences leading N. S. E & W and checks well with the remains of the old U. S. bearing trees.

From the Section corner I run:

IN SECTION 25, T 135, R. 28: N 67° E 31.15 feet to a 10" Jack Pine tree; thence S. 12.2 feet; thence W. 28.7 feet to Sec. Cor; thence

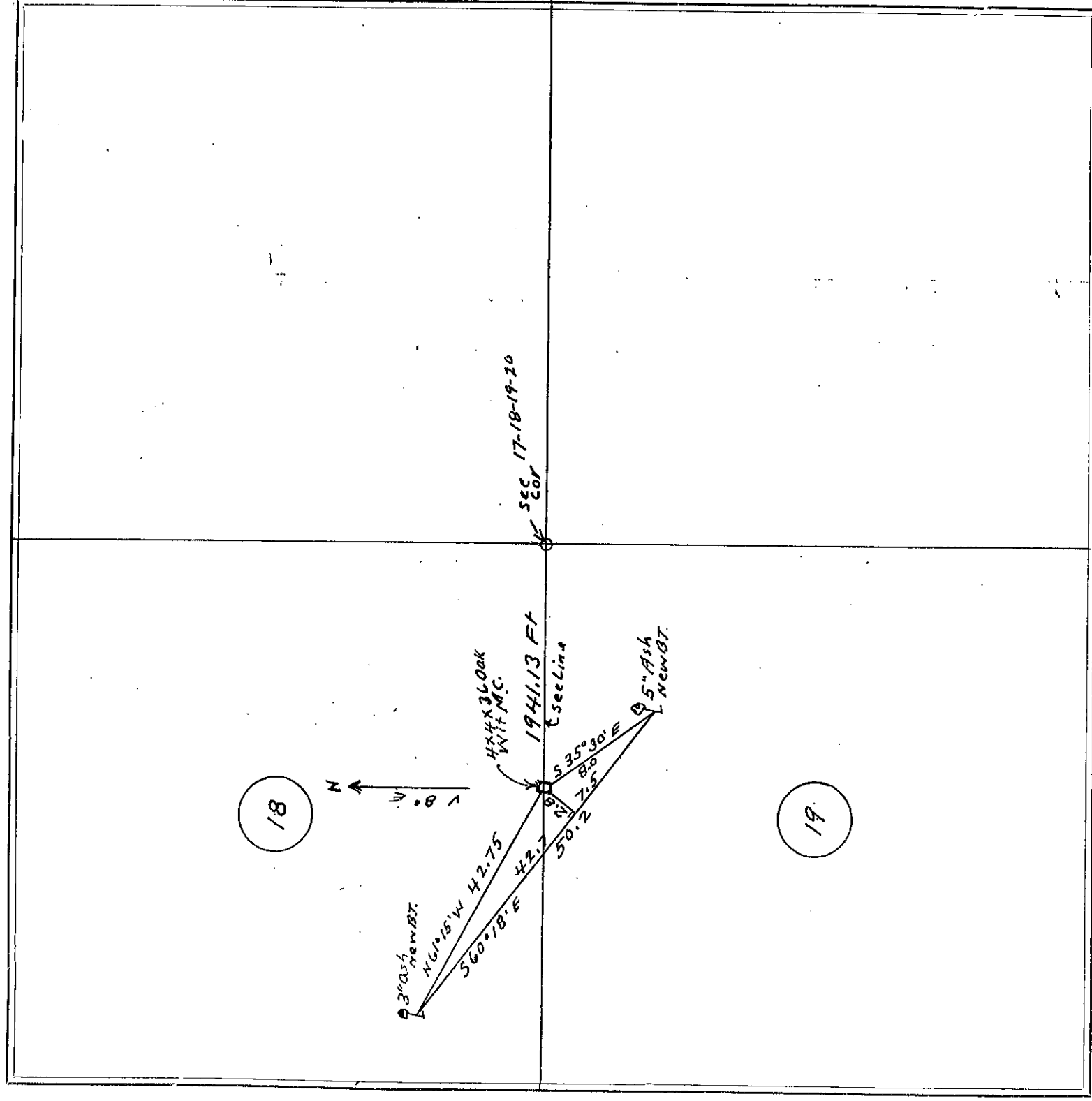
IN SECTION 26, T 135, R. 28: N 35° 28' 24" 30' W 50.7 feet to an 8" Jack Pine thence E. 31.0 feet; thence S. 46.1 feet to a Sec. Cor. thence.

IN SECTION 35, T 135, R. 28, S 64° 45' W 61.10 feet to a 6" Oak tree, thence N. 26.3 feet; thence E 55.8 ft. to Sec. Cor. thence.

Section 5. 18 and 19

Form 135

Range 28 5th PM



FIELD NOTES.

IN SECTION 36, T 13 S., Range 2 E.; S 57° 30' E. 21.5 feet to a 10" Jack Pine;
thence N. 11.6 feet; thence W. 18.1 feet to Sec. 35.
All new bearing trees marked with a flat at base of
each tree.

Magnetic Variation reads $80^{\circ} 30' E.$

At the Cor. to Sec. 20, 21, 28, 29, established by myself in a previous survey, and set from the remains of the old N. S. bearing spees. I find that in the construction of a new road they have nearly destroyed the remains of the old N. S. bearings and that they will all be lost in a very short time.

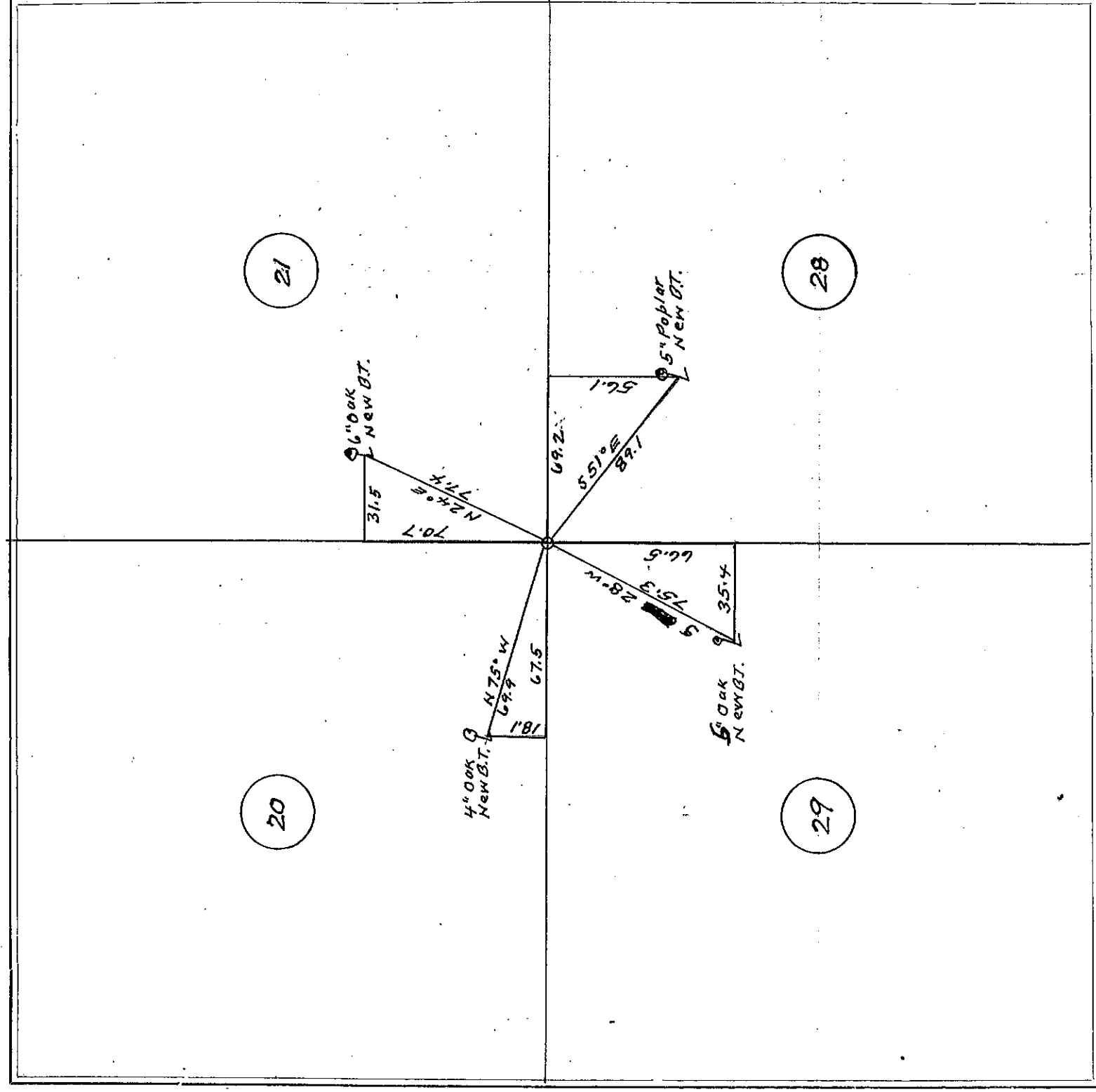
I also find that the road building machinery has upset my
brick stake previously set for the true Sec. 36 or.

re-set the gate, and mark new bearings by running lines in each Sec. affected as follows:

From the section corner $\searrow$ run
1/4 SECTION 21, T 135- Range 28; N 24° E 77.4 feet to a 6" Oak tree;
thence W 31.5- feet; thence S. 70.7 feet to Sec. corner; thence

1N SECTION 20 T 135 R. 281 N 75° W 69.9 feet to a 4" Oak tree; thence S 18.1 feet; thence E. 67.5 feet to Sec. corner; thence.

1 N. S. E. CT 10 N 29. T 135. R 28. S. 28° W 353 feet to a small Oak tree: thence
E. 35. 4 feet: thence N 66. 5 feet to Sec. 6 m. thence:



FIELD NOTES.

IN SECTION 28, T 135, R. 28: S 51° E 59.1 ft. to a 5" Poplar tree; thence N. 56.1 ft. thence W 69.2 ft. to Sec. corner. I have a flat spot at the base of each of the new bearing trees. Magnetic Variations reads: 7° 30' E.

At the 1/4 Cor. bet. Sec. 15 & 23 T 135, R. 28, I find a cement post established by myself in a previous survey and as I am told that the road may soon be graded E & W, I mark new bearing trees to this 1/4 Cor. for the protection of the land owners in the Sec. affected, as that if the road graders tears out this cement post, it can be re-established without an extended survey.

I ran the 1/4 Cor. I run: IN SECTION 15, T 135, R. 28: N 59° W 59.0 feet to a 7" green Ash stump 3 1/2 feet tall; thence S 30.4 ft.; thence E 33.6 ft. to 1/4 Cor; thence: IN SECTION 29, T 135, R. 28: S 59° W 36.1 ft. to a 3" Oak tree; thence N. 18.6 ft. thence E. 30.9 ft. to the 1/4 Cor. I mark each new bearing with a flat spot at base. Magnetic Variation reads 8° E.

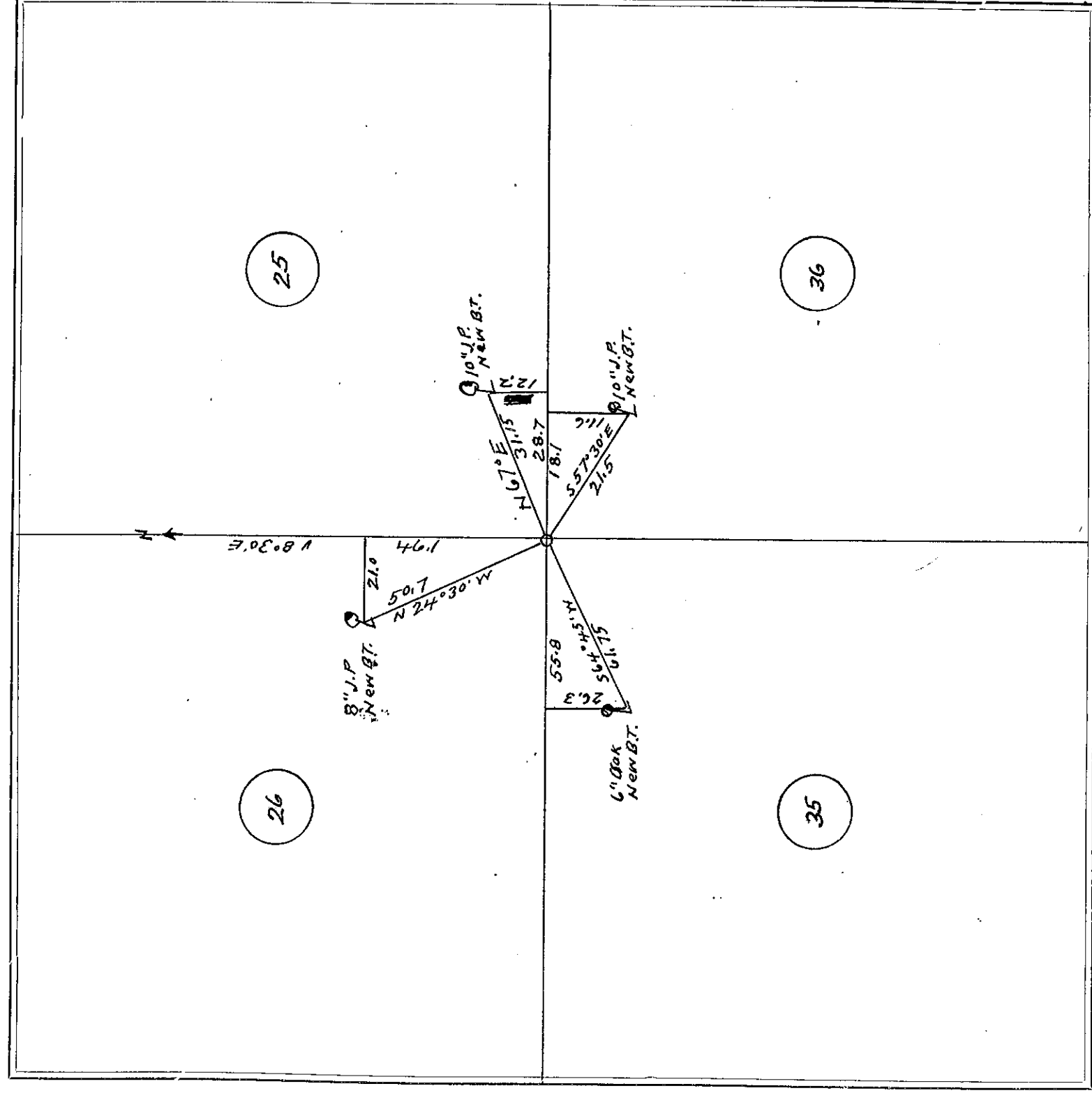
At a point near the N.S. meander Cor. on the E. side of the Flybush, between Sections 18 and 19, T 135, R. 28 I find that the post established by myself in a previous survey has been dug out of the loose sand. I have established the same and set a 4x4x36 inch Oak stake on the true Sec. line at a point. — ft. W. of Cor. to Sec. 17, 18, 19, 20, T 135, R. 28.

SURVEY No. 160

Section S 25-26-35-36

Town 135 N

Range 28 W 5th PM



FIELD NOTES.

I set this stake for a witness, measuremen and mark new bearing trees for the protection of the land owners by running lines in each Sec. affected as follows: From the Witness Meander corner thence;
 IN SECTION 18, T 135, R. 28, N. 61° 15' W 42.75 feet to a 3" Ash tree; thence S 60° 18' E 42.7 feet to a point 2.8 ft; thence 90° E 2.8 feet to place of beginning; thence;

IN SECTION 19, T 135, R. 28, S. 35° 30' E 8.0 feet to a 5" Ash tree; thence N 60° 18' W, 7.5 feet; thence 90° Right 2.8 feet.
 Drawing a straight line from the two bearing trees I find the distance 55.2 feet & the witness M to set 2.8 feet at right angles N. E. of line.

I put a light blaze at the base of the 5" Ash in Sec. 19, but do not blaze the 3" Ash in Sec. 18 as it may kill the tree which is a center tree of a plantation; three small trees all about the same distance from the stake. There are pine or fir growing in this plantation but I use the closest tree which is the center tree of three in a row.
 Magnetic Variation reads 8° E.

Surveyed May 27-1920.

Recorded May 31-1920

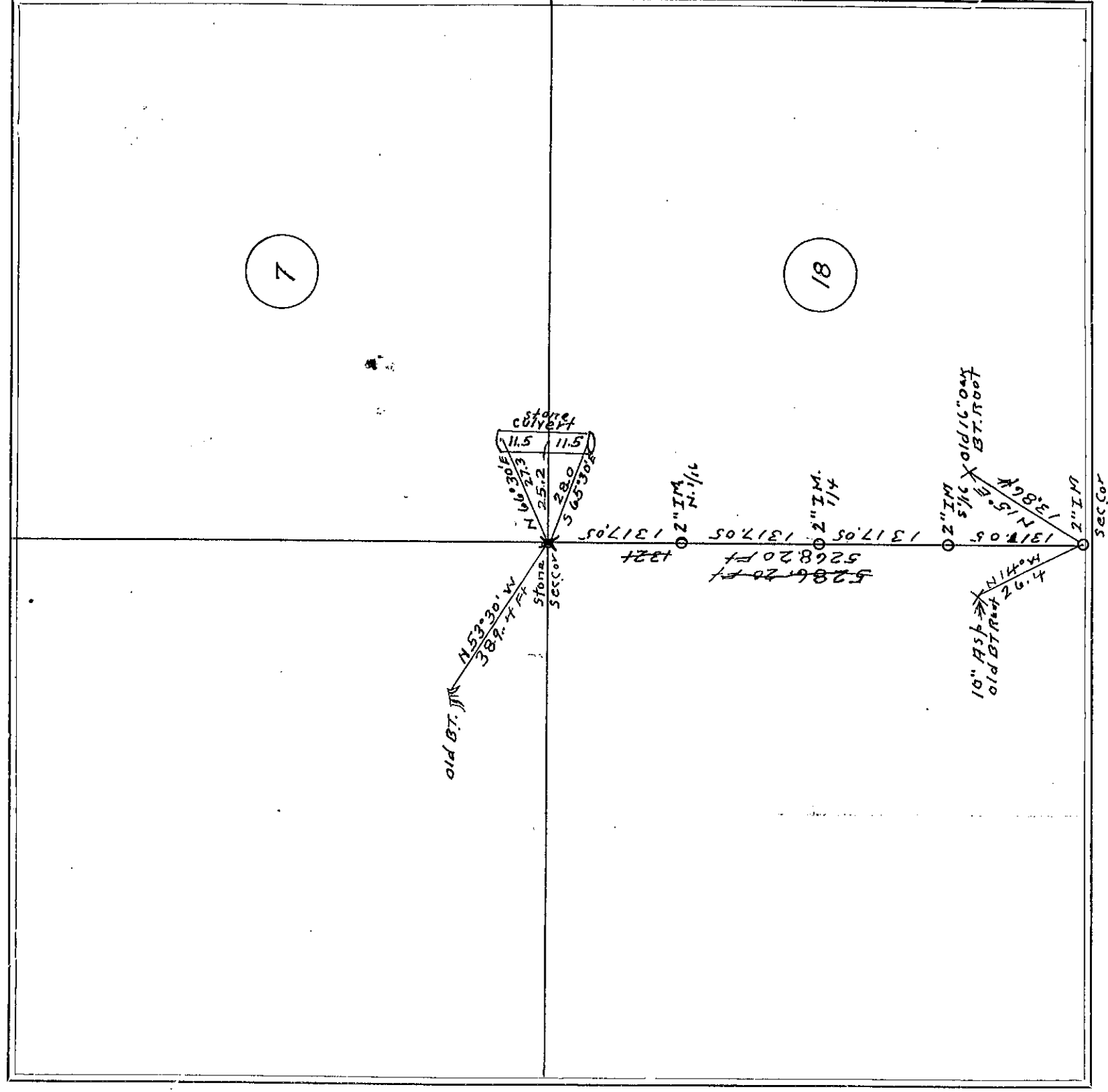
John W. Curran, Co. Surveyor to now Wing Co. Minn.
 J. M. F.

SURVEY No. 161.

Sections 7 and 18

Town 43 N

Range 29. W 4th P. M.



FIELD NOTES.

Survey extends over

Sections: 7.18.19.20, 26.27.28.29.30.31.32.33.34.35
T43 $\approx$ R29w 4th P.M.

143 R29W 4N P.M.
Field notes of the survey for a part of Sec. 2, 15, 20, 21, 28, 29, 30, 31, 32, 33, 34, 35, Twp. 43, N, Range 29 W, 4th 5th E, 1890 Wing Co. Minn. as surveyed by & under the direction of John W. Evans County Surveyor.
At the N.W. Cor. of Sec. 15, being the S.W. Cor. of Sec. 7, T143, N29° 34' 30" and 9" stored with cross put in to p, & division of a big head for the true Sec. Cor. by Co. Surveyor. Stationing from which the ground is what we believe to be the old N.W. bearing
see record connected for corner & distance.

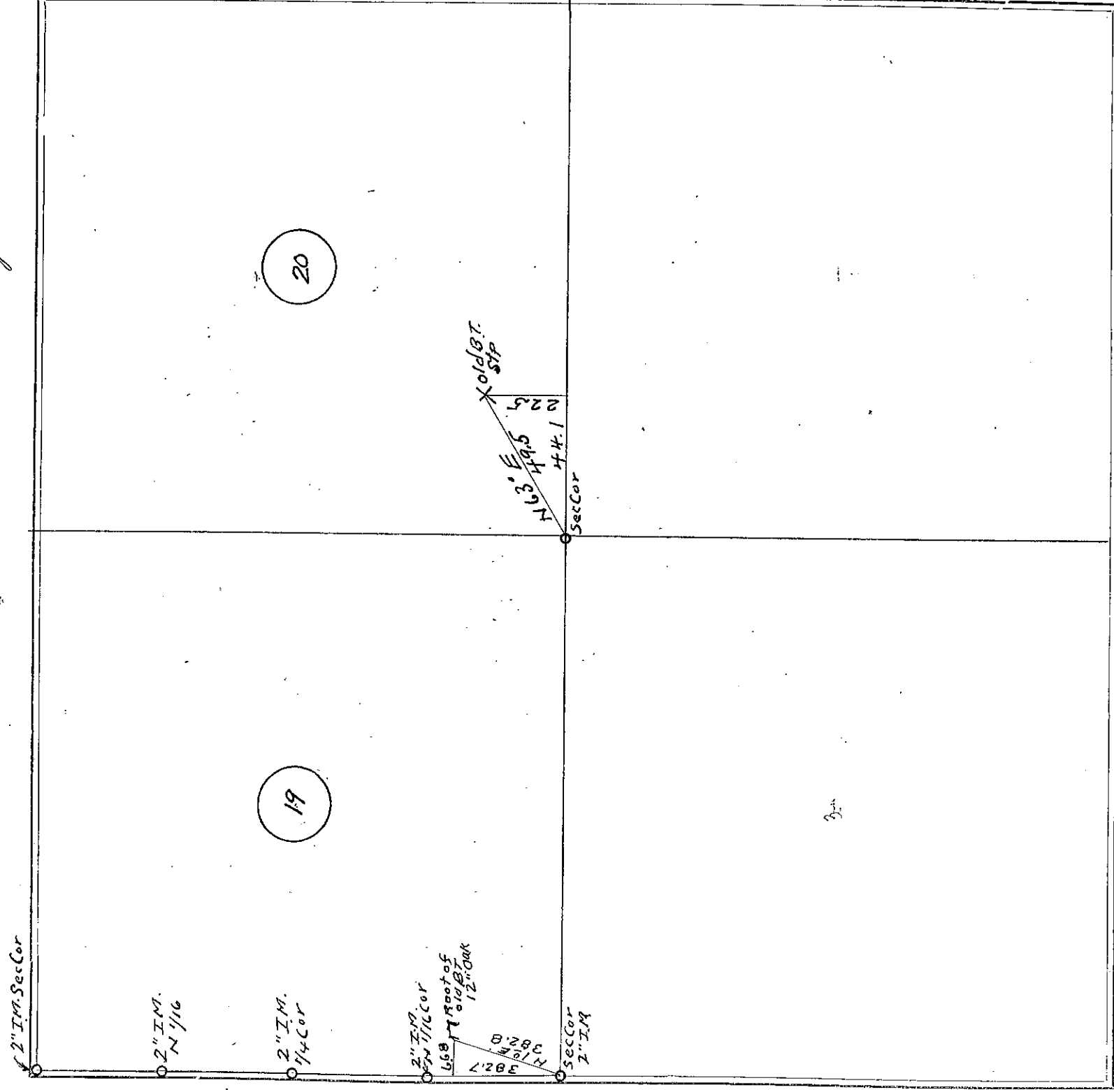
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Sections 19-20

Town 43 N

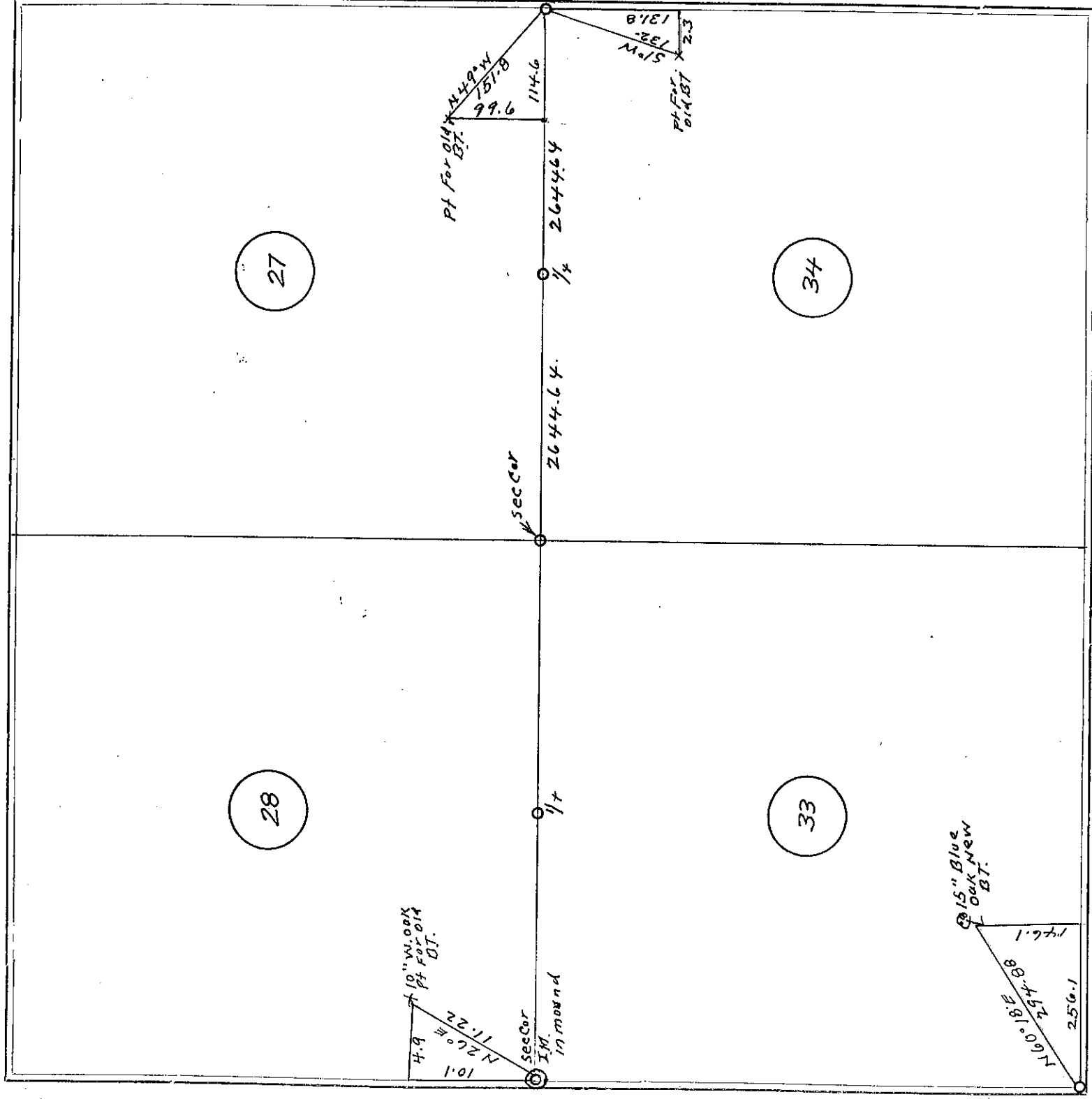
Range R. 29 W. 5th PM.

SURVEY No. 161



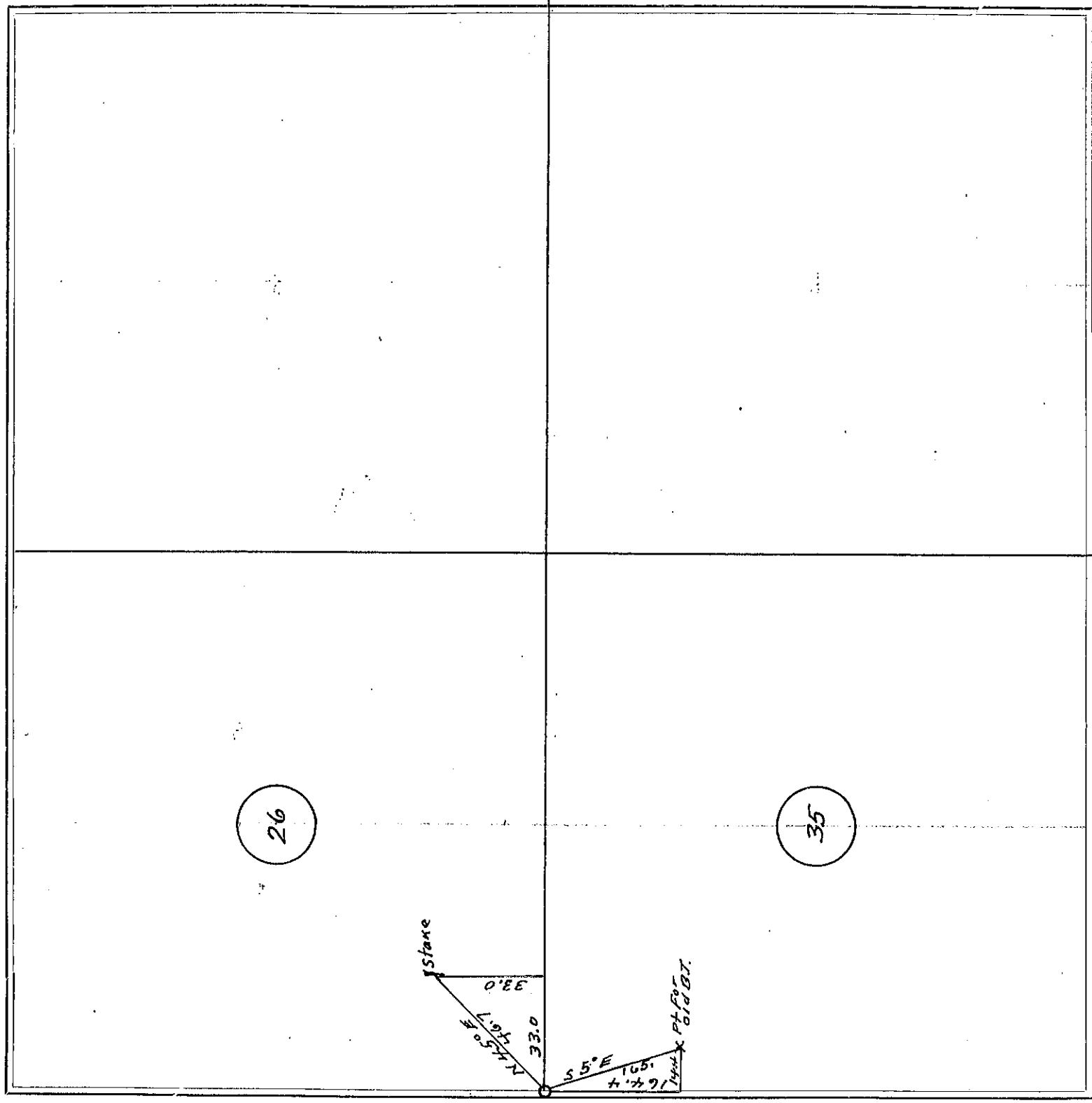
FIELD NOTES.

to the point near the S. W. Cor. of T 43, R. 29, we run another line 1/4 mi. W. we stop finding a known government Cor. & after connecting up this 15 miles of preliminary line we are able to find the remains of a great many of the old N. S. Cor. & old U. S. bearing trees from which we set 21 1/2" iron pipe to mark the road sections at the 1/4 Cor. the 1/4 Cor. & the Sec. Cor. The 1/4 Cor. is 1 mile of line from the S. W. Cor. of Sec. 1, T 43, R. 29, the S. W. Cor. of Sec. 30, T 43, R. 29 is absolutely straight and perfectly proportionately as to measurement. The lines are completely run with a first class engineers transit in perfect adjustment & eyed by men who are extremely accurate in their work & the measurements are made with a 300 foot standard steel tape & a plumb - both very carefully chained. All random lines were cut & less of track. 6 rods & 7 rods to make a "square" chaining. At the N. 1/4 Cor. & the S. 1/4 Cor. on W. side of the flat bearing with. At the S. W. Cor. of Sec. 18, bearing the N. W. Cor. of Sec. 17 T 43, R. 29, we set a 28 1/2" iron pipe for the true Sec. Cor. as shown by the flat bearing with. At the point we find what may be the remains of the old N. S. bearing trees N E & N W, which check perfectly for course & distance from the Cor. of the S. 1/4 on W. side of Sec. 17 T 43 R. 29. At the N. 1/4 the 1/4 Cor. & the S. 1/4 on W. side of Sec. 17 T 43 R. 29, we set a 28 1/2" iron pipe as shown by the flat bearing with. At the S. W. Cor. of Sec. 17, bearing the N. W. Cor. of Sec. 30, T 43 R. 29, we find the remains of the old N. S. stake, with another old stake. Finding them it was a deep set in the ground it might point the line. At the 1/4 Cor. of Sec. 17, we set a 28 1/2" iron pipe for the true Sec. Cor. of Sec. 17, which we find the



FIELD NOTES.

by County Surveyor Harrison from which the remains of some of the old
W. S. B. T. stump by check for the course & distance given in field notes:
- by a check on this cor. we run:
thence Sec. 20, T43, Rq. 24: N63° E 49.50 ft. to stump of old W. S. B. T.,
thence Sec. 20, T43, Rq. 24: N44.1 ft. to Sec. cor.
- by the cor. to Sec. 29, 30, 31, 32, T43, Rq. 24, previously established
by County Surveyor Harrison, we set a 2x36" iron pipe for stone cor.
from corner of the remains of the old W. S. B. bearing trees & check for
true mag. distance, and as a check we run:
thence Sec. 31, T43, Rq. 29, S77° W 49.5 ft. to stump of old W. S. B. bearing
trees, thence N. 11.10 ft. thence E 41.7 ft. to Sec. cor.
- by a check on this cor. we run:
thence Sec. 26, 27, 34, 35, T43, Rq. 24, where we find a stone with cross
in top of it, we set a 2x36" iron pipe for true Sec. cor. by County Surveyor
Harrison from which we run:
thence Sec. 27, N 49° E 46.7 ft. & set a stake to mark road limit;
thence S. 32° 50' E 53.00 ft. to Sec. cor. thence
thence Sec. 27, T43, Rq. 24, N 44° W 101.8 ft. to cor. of old W. S. B. bearing
trees: thence S. 47.0 ft. thence E 114.6 ft. to Sec. cor. thence
- by the cor. T43, Rq. 24, S1° W 137.0 ft. to point for old W. S. B. bearing
trees: thence S. 2.30 ft. thence N. 101.8 ft. to Sec. cor. thence
- by Sec. 25, T43, Rq. 21, S1° E 165.0 ft. to point for old W. S. B. bearing
trees: thence N. 14.4 ft. thence N. 164.4 ft. to Sec. cor.
- by the 14 Cor. let. Sec. 27 & 34, we set a 2x36" iron pipe for true 1/4 cor.
at the County Sec. 27 & 34, 33 & 34, T43, Rq. 24, we set a 2x36" iron
pipe for true Sec. cor. at the 1/4 cor. let. Sec. 27 & 34, 33 & 34, we set a
2x36" iron pipe for true 1/4 cor.
- by the cor. to Sec. 27 & 34, 33 & 34, T43, Rq. 24, we set a 2x36" iron pipe
from corner of stump for the true Sec. cor. from which we run;



FIELD NOTES.

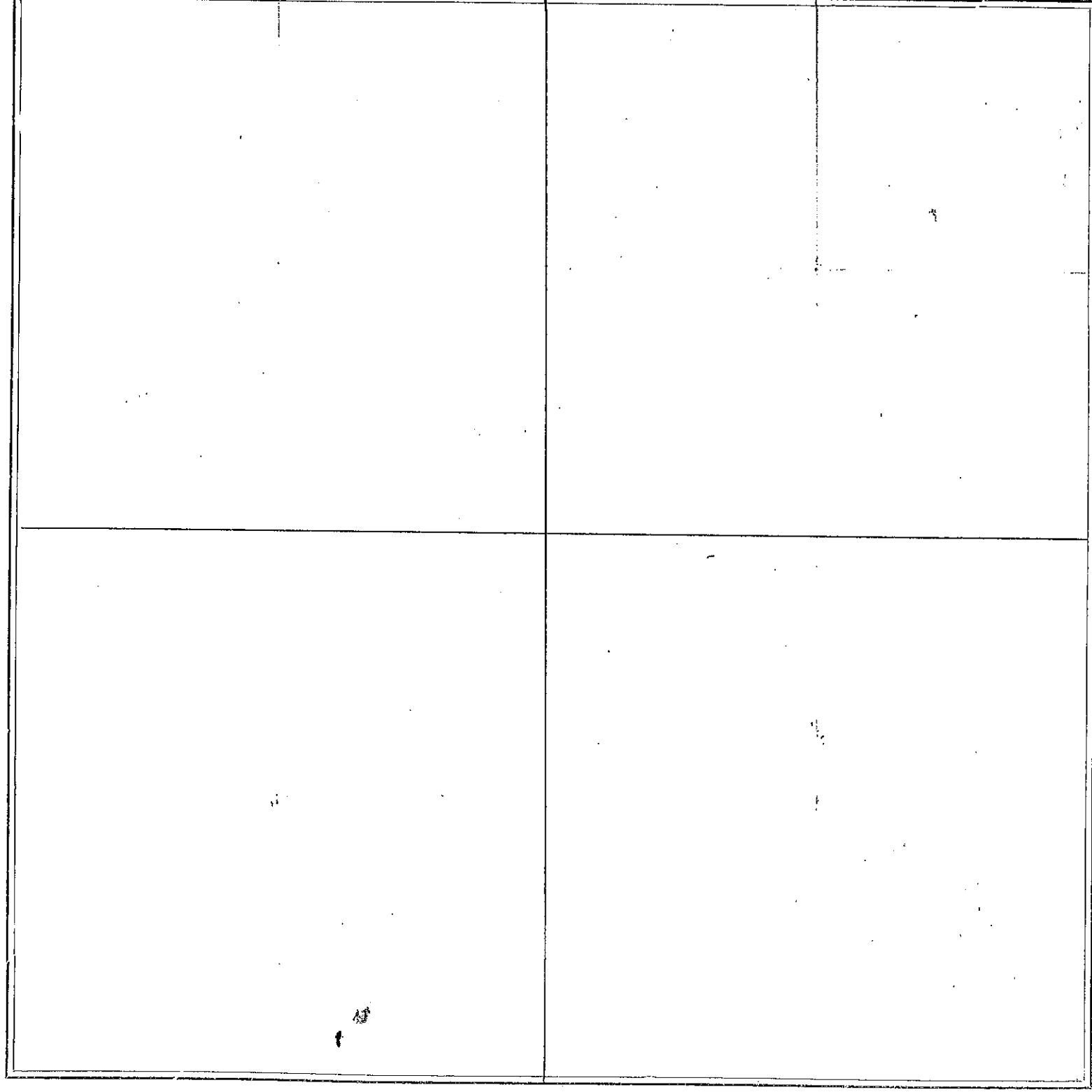
Ind. 28, T43, R. 29 N 26° E 11.22 ft. to point of old U. S. bearing trees
thence W. 4.9 ft. thence S. 10.1 ft. to Sec. 6 cor. thence
thence Sec. 29, T43, R. 29: W 31.68 ft. to point for old U. S. bearing tree
thence E. 80.00 ft. thence S. 24.8 ft. to Sec. 6 cor.
At the 1/4 Cor. bet. Sec. 29 & T43, R. 29, we set a 2x36" iron
pipe for the trees 1/4 Sec. 6 cor.
At the S. E. cor. of Sec. 32, being the S. W. cor. of Sec. 33 T 43,
R. 29, we find the three bearing trees marked for in the U. S. field
notes, from which we set a 4x4x60" stake in a large mound of
dirt for the true Sec. 6 cor. & mark new bearing trees as follows:
15" Blue Oak, N 60° 18' E 244.88 ft.
6" Poplar, N 46° 52' W. 326.3 feet.
15" White Oak S 50° 55' W 477.82 feet.
courses & measurements taken to mark the true Sec. 6 cor. in flat spot at
base of each tree: Variation reads 10° 10' E. magnetic, true
turning from the true meridian. As a check we young
from Sec. 33 T43, R. 29, N 60° 18' E 244.88 ft. to 10" Blue Oak,
thence S 46.1 ft. thence W. 256.1 ft. to Sec. 6 cor. thence
thence S. 11.32 T43, R. 29: N 46° 52' W 326.3 ft. to 6" Poplar tree.
thence E 238.1 ft. thence S. 223.1 ft. to Sec. 6 cor.
At the 1/4 Cor. on S. side of Sec. 32 T43, R. 29, we set an
2x36" stake for the true 1/4 Cor. & at S. W. cor. of Sec. 32 being
the S. E. Cor. of Sec. 31, T43, R. 29, we set a 2x36" iron pipe for
true Sec. 6 cor.
At the 1/4 Cor. on S. side of Sec. 31, T43, R. 29, we set a 2x36"
stake for the true 1/4 Cor.
At the S. W. cor. of Sec. 43, R. 29 being the S. E. Cor. of T43, R. 30, being an
iron pipe 2x36", we find that we believe to be the stamp of the old U. S. T. 43, R. 29
old stake stood just where we set the iron monument.

SURVEY No. 161

Section

Town 43

Range 22



FIELD NOTES.

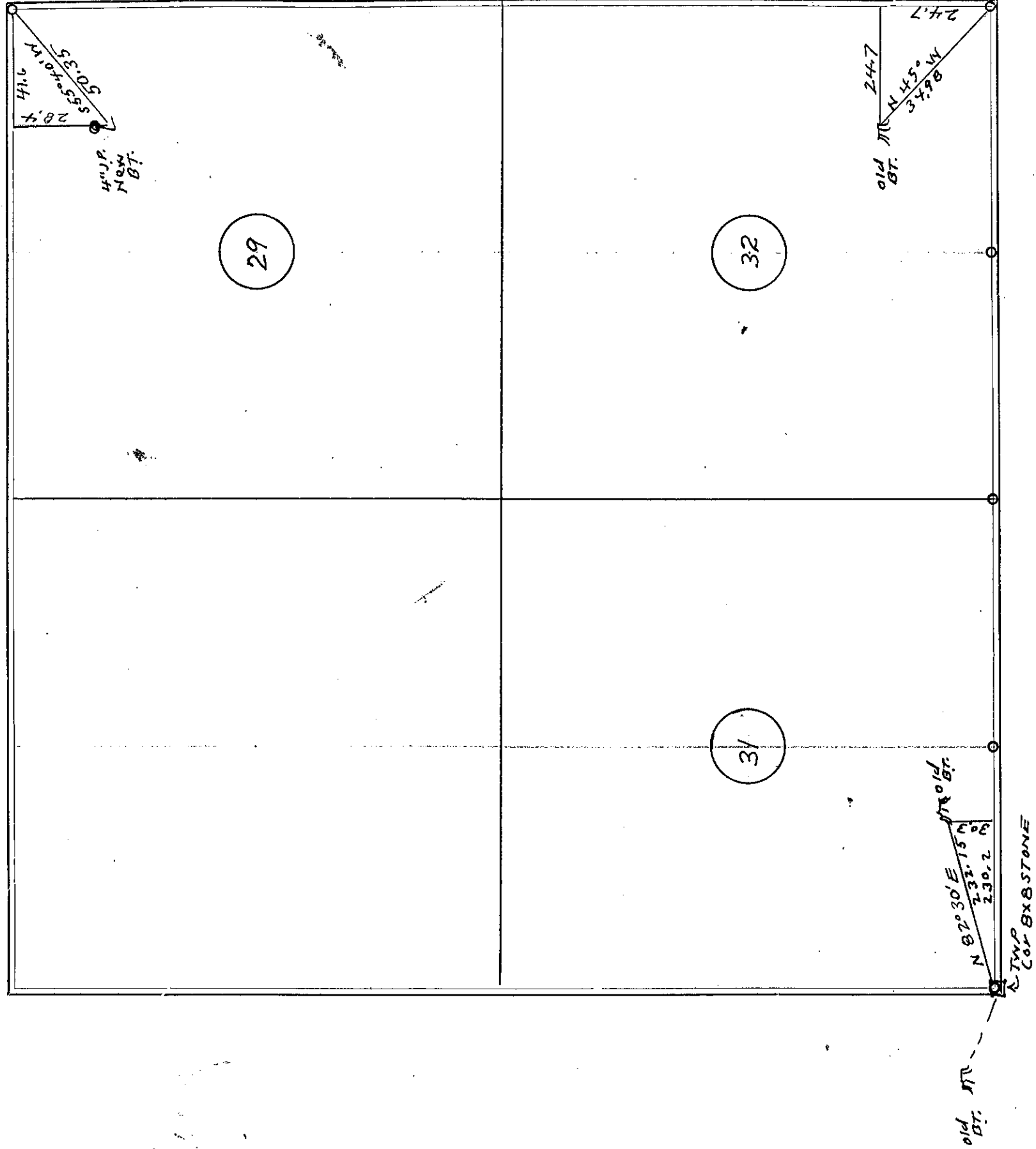
At the S. E. Cor. of Sec. 31, T43, R9, 29 - there was a trap
very close to the stakes, in the range hole in the dip, at which point
we set our iron pipe & the stumps & remaining of the old
legion oak, bearing trees of logs to check for position, only
thing was down & out by the roots.

We run a straight line bet. Sec. 31 & 32, T43, R9, 29 for
a new road, by the new road just built bet. Sec. 29 & 30
appears to cross, a road or so W, out of a straight line.

Survey finished Jan. 18th. 1919.

Recorded May 4-1920

John W. Lewis, Co. Surveyor.



FIELD NOTES.

Field notes of the survey of a part of Sec. 2, 3, 10, 11, 12, 13, 14, 15, 16, 17, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 32, 33, 34, 35, 36, T43 N, R9. 30 W, 5th P.M.

Sec. 36, T43 N, R9. 31 W, 4th P.M. all in corner wing corner, as surveyed by & under the direction of John W. Carson, Co. Surveyor. We make this survey for Dagget Block Trwp. & Platte Land Trwp. for the purpose of re-establishing lost government bearing trees & lost pole. Co. 14 Co. & 46 Co. for road purposes.

Our survey is a systematic search for old U. S. corners in each section.

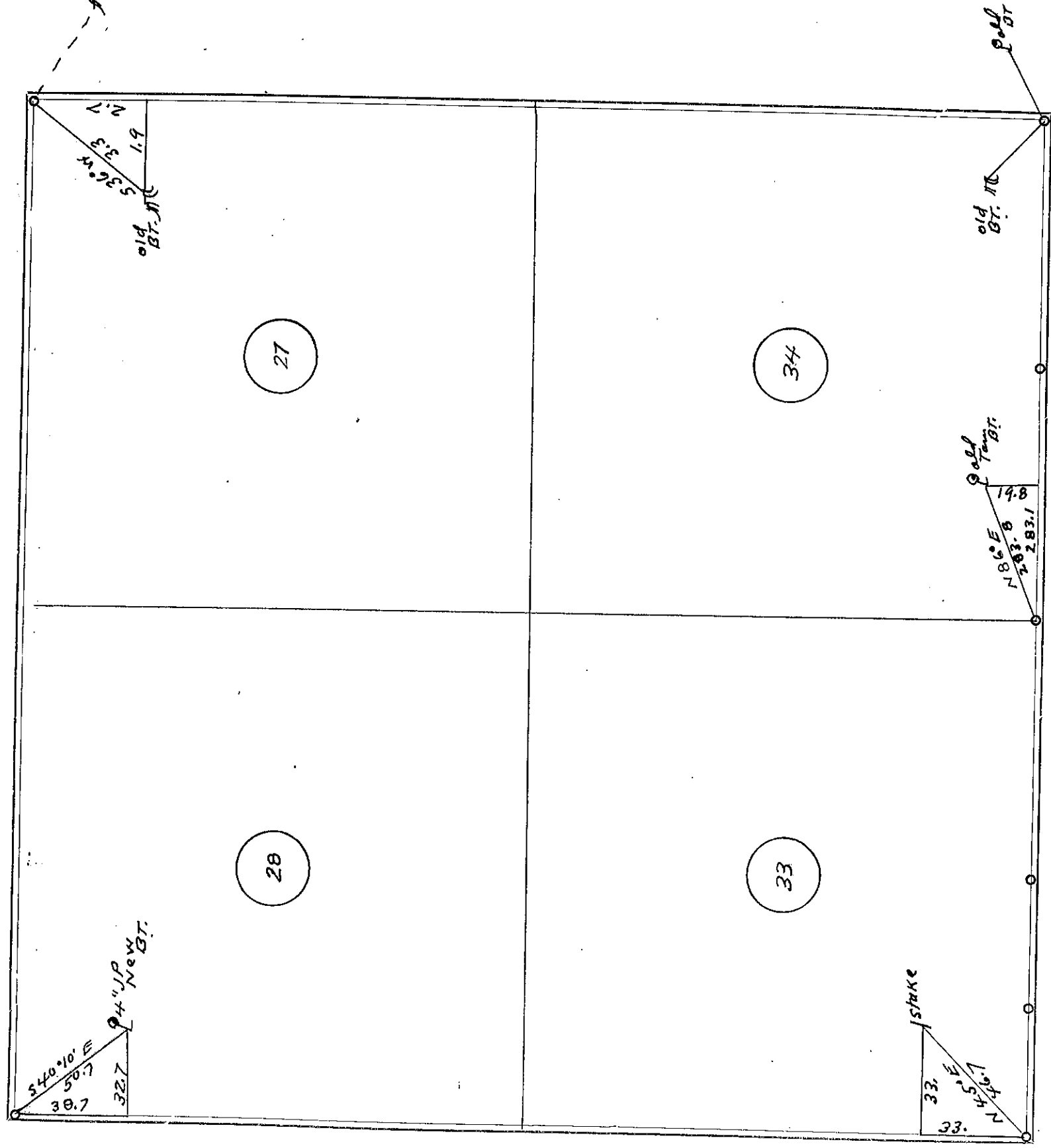
At the Co. to Sec. 2, 12, 13 & 14, on E. side of T43, R9. 29, we find a stone with a cross in top. previously established for the Trwp. Co. by County Surveyor Hammons, from which the bearings of what we believe to be the old U. S. bearing tree N. W. corner, correctly for course and distance.

In order to preserve the position of this stone we have now set up bearings to it as follows:

The corner of the top of a big stone subjacent to E. 200.2 ft. Top of N. end of an old bar. N.E. 27.3 ft. Top of S. end of an old bar. S. E. 27.3 ft.

Then to get 3 miles of road line S. along the range line bet. Platte Lake & Dagget Trwp. Trwp. I run a line 7 miles S. being 3 miles over into Minnison Co. before finding a known government bar. We do this in order to the S. E. Co. of T43, R9. 30, and as we were then unable to find the old U. S. Co., we begin at a point near the

Section S 27-28-33-34 Town 43 N Range 30 W 4 PM



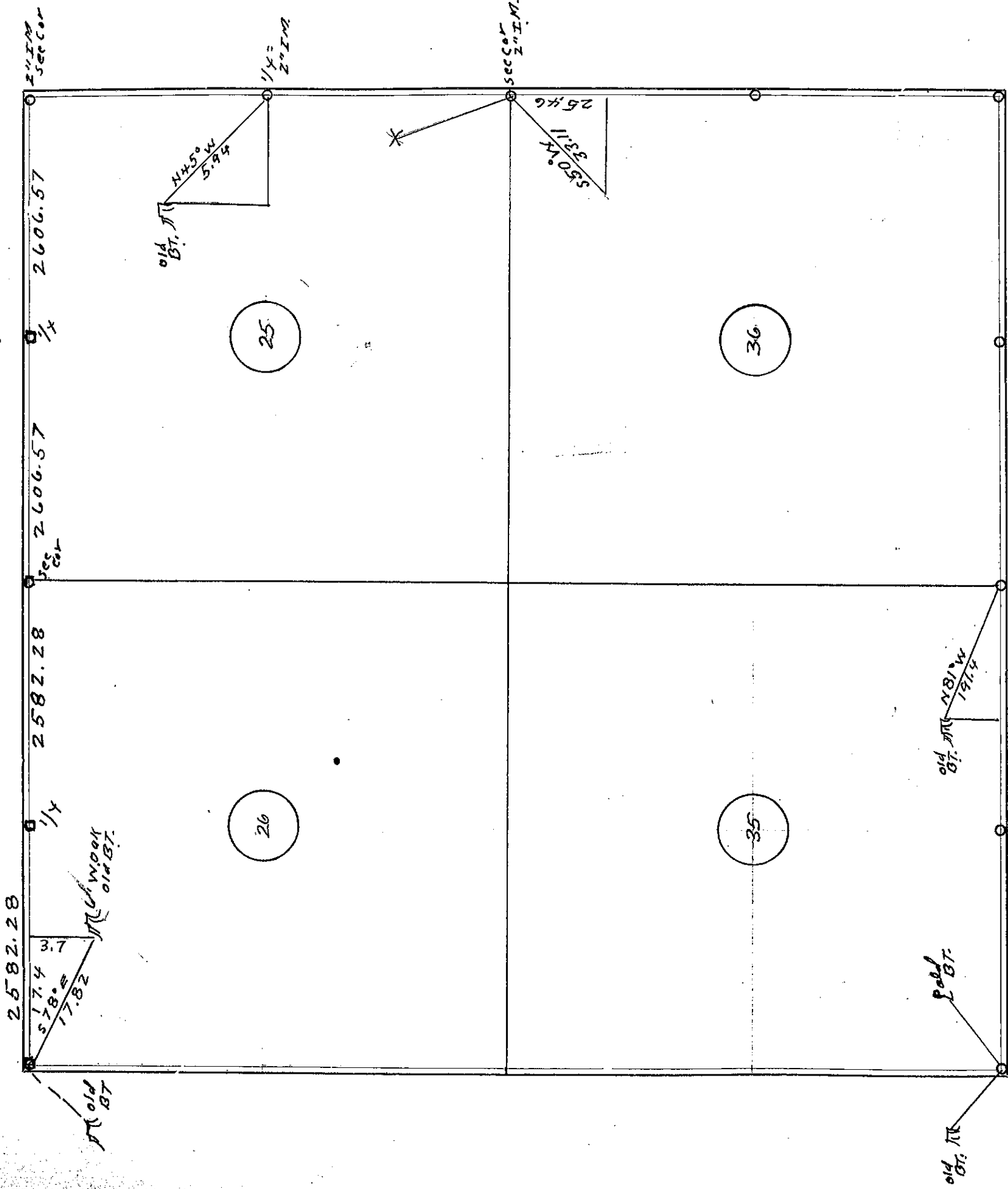
FIELD NOTES.

S. E. Cor. of T 43, R. 30 & run 7 miles E. before finding a known corner -
 went back to the point near the S. E. Cor. of T 43 R. 30
 & run another line 6 miles W. before finding a known corner.
 & after connecting up this 15 miles of preliminary line
 we were able to find the remains of a great many of the old U.S.
 Cor. & bearing three from which we get a 21.36" measurement to mark the
 corner at the N. 1/4 Cor., the 4 Cor. and Sec. 6 Cor.
 S. E. Cor. of Sec. 13, 24 & 30. The S. E. Cor. of Sec. 13, 24 & 30
 the S. E. Cor. of Sec. 36, T 43, R. 30 is absolutely straight and is
 divided proportionately as to measurement.
 The lines are carefully run with a first class engineer's
 transit in perfect alignment. & used by men who are extremely
 accurate in their work & the measurements are made with a 300 ft.
 standard steel tape & punch-holes very carefully spaced.
 All random lines are cut clear of trees, brush & grass
 to make accurate bearings. Beginning at the S. 1/4 Cor. on E. side of Sec.
 13, T 43, R. 30 we set a 21.36" iron monument in stone, by the
 first bearing.
 At the S. E. Cor. of Sec. 13, bearing in the N. E. Cor. of Sec. 24, T 43,
 R. 30 we set a 21.36" iron pile for the true Sec. 6 Cor. after making
 sure of what we believe to be the remains of the old U. S. bearing
 line. & 11.30" which check perfect for course & distance to the Cor.
 at the N. 1/4, the 4 & the 8 1/4 Cor. on E. side of Sec. 24, T 43, R. 30
 we set a 21.36" iron pile as shown by plat. herewith.
 At the S. E. Cor. of Sec. 24 bearing the N. E. Cor. of Sec. 29,
 T 43, R. 30 we find the remains of the old U. S. stake with another
 old iron corner throw it into a deep gully hole in the ground & replace
 with a new pile for the true Sec. 6 Cor. from which we find

Section 5 25-26-35-36

Town 43 N

Range 30 W 4 PM



FIELD NOTES.

the remains of the old N E & W bearing trees called for in U.S. field notes. These are beginning to decay and stand far apart for course & distance from our sign cor., as the U.S. noted called for. I am checked in this corner.

In Sec. 19, T 43, R 30, 29: 41° E 30 ft. to root of old N. S. bearing tree; thence W. 60 ft; thence S. 38 ft. 74 ft. to Sec. Cor. Thence N 43, R 30: 31° W 316.1 ft. to stump of old N. S. bearing tree; thence S. 371.55 ft. thence E. 163.46 ft. to Sec. Cor. At the 14 cor. on E. side of 25, 743. R 30 we set a 21 36" iron pipe monument for true 1/4 to 27 set 1: stumps of both old U.S. bearing trees; the N. W. stump being well preserved & plainly marked.

I am this 1/4 cor. we run! Let in Sec. 30 T 43, R 30: 29. 71 20° E 36.3 ft. to stump of old N. S. bearing tree; thence W. 12.4 2 ft. thence S. 34.11 ft. to Sec. Cor; thence N. S. Sec. 25, T 43, R 30: 45° W 59.4 ft. to stump of old N. S. bearing tree; thence S. 40 2 ft. thence E. 4.2 ft. to 1/4 cor.

At the 6 cor. to Sec. 29: 30.31, 36 cor. E. side Sec. 43, R 30, we set a 21 36" iron pipe for the true Sec. Cor. from which the stumps of the old N. W. & S. W. bearing trees stand perfectly in course & distance.

Again check we again! In Sec. 36, T 43, R 30: 59° W 33.11 ft. to stump of old N. S. bearing tree; thence E. 31.7 ft. thence N. W. 4 ft. to Sec. Cor.

S. E. to 25 cor. on S. the line crosses about 50 to the left, or S. E. to the top. 60 or 70 mile S.

At the 14 cor. let. Sec. 314.36 on E. side of Twp. 43, R. 30: 1 set a 21 36" iron pipe for the true 1/4 cor. & at the S. E. cor. of Twp. 43, R. 30, being the S. W. cor. of Twp. 43, R 30 we set a 21 36" iron pipe for the true top. 60 or 70 mile S. Harrison & I were with the monument.

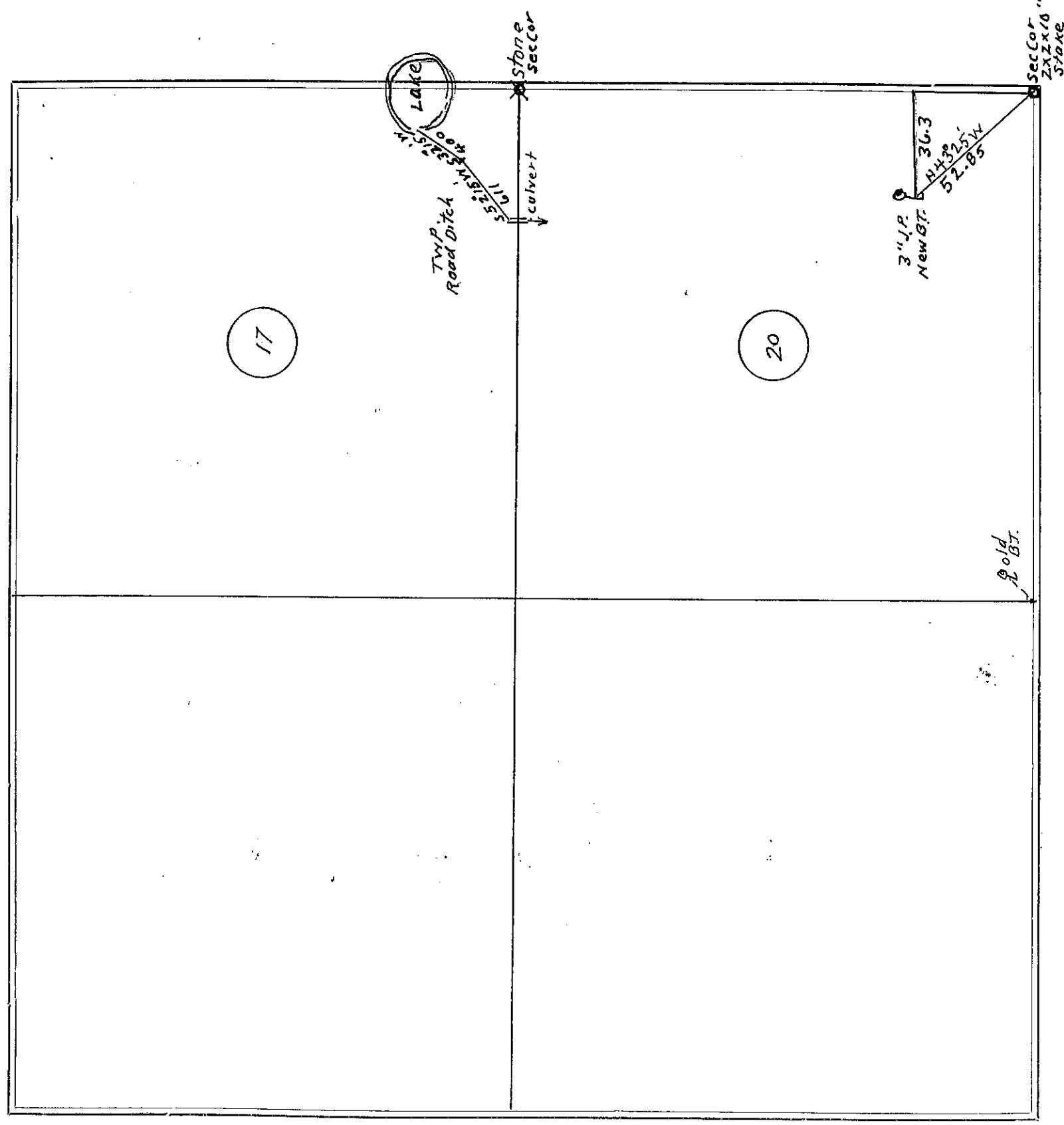
At this point we found what we believe to be the stump of the old U.S. bearing trees, an iron stand stand just where we set the iron pipe.

SURVEY No. 162

Section S 17-20

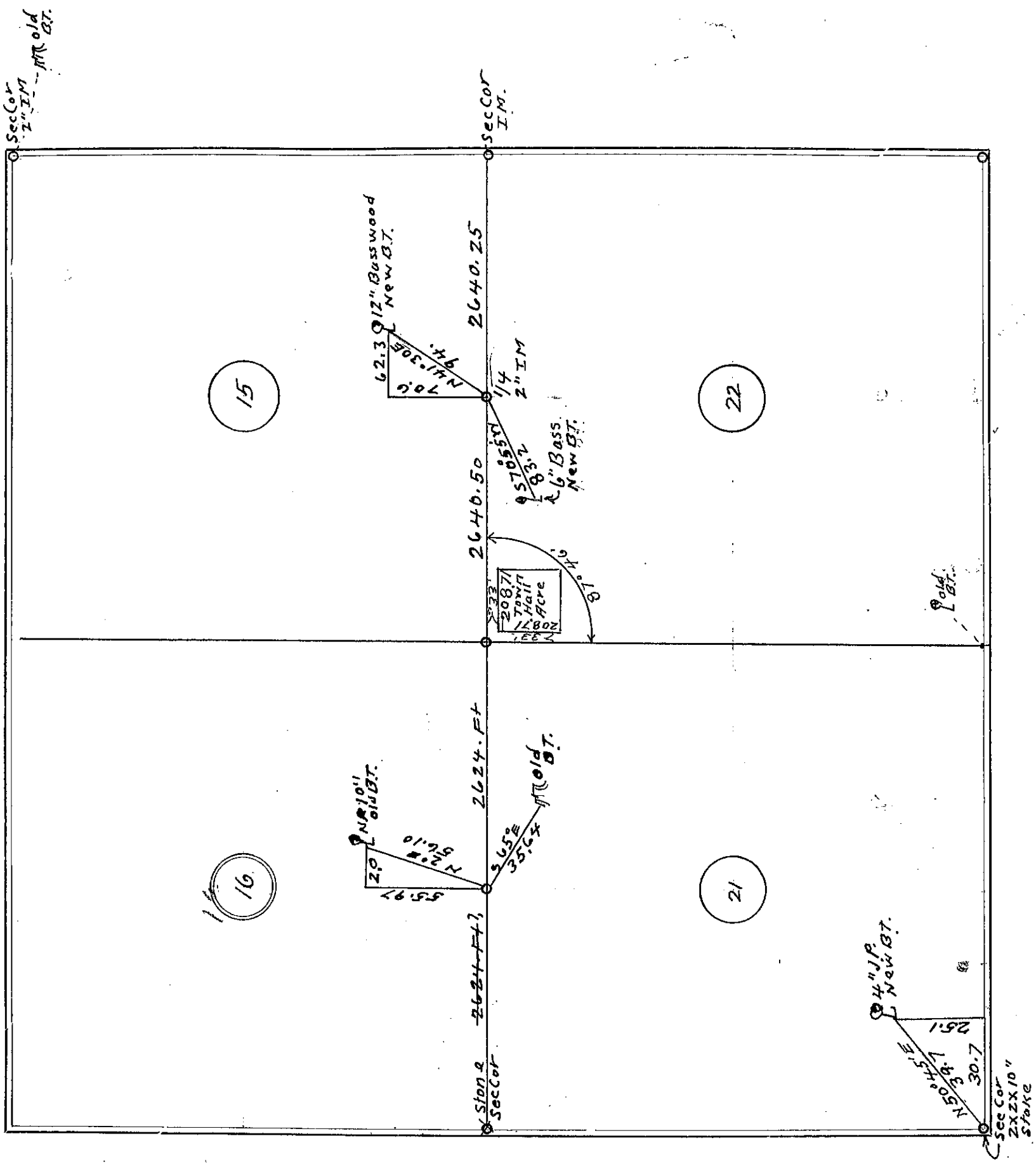
Form 43

Orange 30 . 4 PM



FIELD NOTES

From the Twp. Co. 2 miles E & 6 miles W, the proportion for the
5 miles equals 5302.94 feet my chain in each mile government chain
& a half mile with daylight we can find of the U. S. Co. of
U. S. find the U. S. chains to be 3005.191 of a foot short in each foot
U. S. chain compared with my chain 3005.191. U. S. chain 3005.191 ft.
3005.191 ft. short in each mile for the entire 8 miles.
But the 6 miles W. corner of T43, R9.30, the two miles E. is straight
S. out of a straight line W. I do not figure out the exact
removal of this corner, as the Twp. who are paying me do not
want to stand the extra cost for the extra work of surveying.
At the S. W. Co. of Sec. 36, T43, R9.30, being the S. E. Co. of Sec.
36, T43, R9.30, being also the Twp. Co. we find an S & N stone set
along the W. corner track of the N & S corner road. This stone is
well made & well marked, evidently set by Morrison County under
the Sec. 36 corner of T43.
Mr. Patrick H. Campbell, son of John J. Campbell, who runs
the old farm, land of W. & who has lived here a long time, says
the true Twp. Co. & has been here 15 years and more.
I set a transect over stone & with telescope traced in road a
line to N. by my N. 89° 30' E & my line of light splits the lot N. S. B. T.
stone & which stands perfect for survey but the distance is only
340 ft. when it should be 340.99 ft. being 17 feet short. This
is a slight error because the note of the lot N. S. B. T. stands
right for corner, but for the measure ment is also short showing that
by 1000 feet per lot 20 ft by 1000 ft. make measure ment from
lot 1000 ft. - the distance is 10,036.32 of foot short in each
Twp. Co. of Sec. 36.

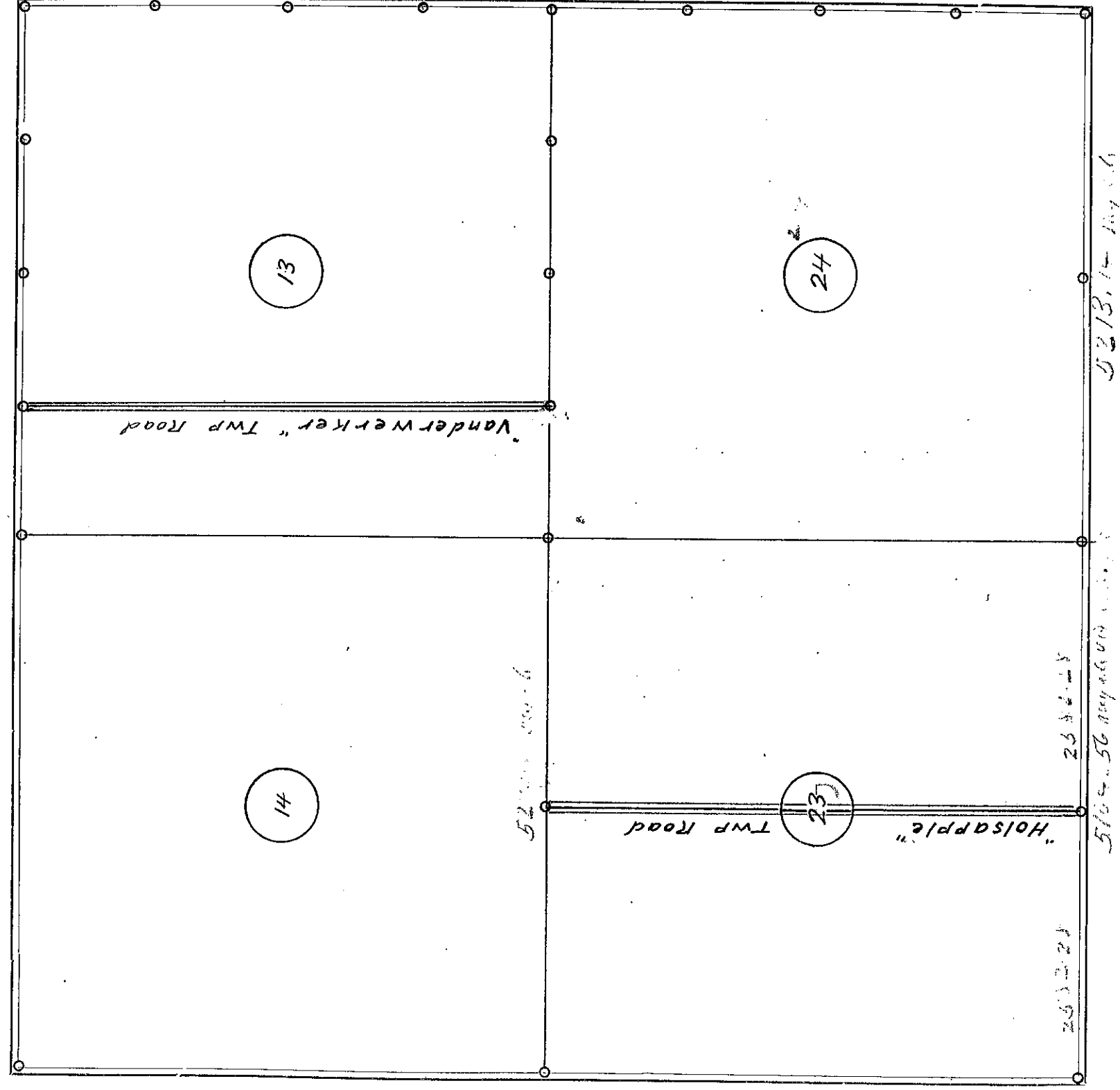


FIELD NOTES.

In Sec. 31, T 43, R 43, 30: N 82° 30' E 232.15-14 to stump of old U.S. B.T. thence S. 30.3 ft. thence W. 230.2 ft. to Imp. Co. cr. thence S. 31: 74 30 W 26.72 ft. to stump of old U.S. B.T. distance being 1.0 ft. short of S. change which is correct. Thence we run E 20.47: thence S. 17.17 ft. to Imp. Co. cr. At the S.W. Co. cr. of Sec. 32, being the S.E. Co. cr. Sec. 31, T 43, R 43, we set a 2 1/4\"/>

SURVEY No. 162

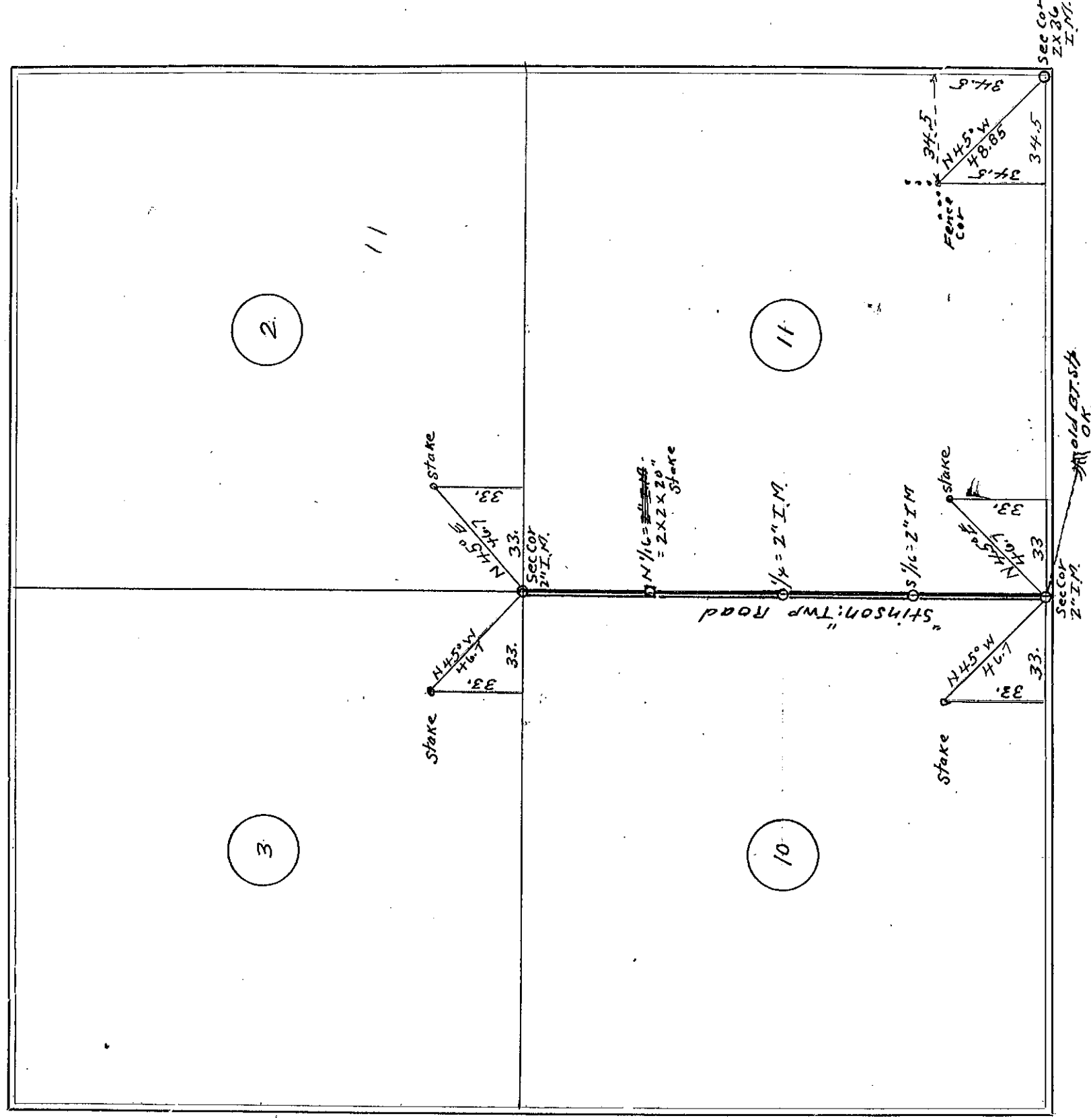
Section S 13-14-23-24 Town 43 N Range 30 W 4 P.M.



FIELD NOTES.

Rg. 30 we find the old stake set by the U. S. Surveyors at which point we set a 2x30 "iron pipe driven over 7 ft. wood pole and it may well be in the line for the true Sec. 30; this Cor. is 3 ft. N. of the N. edge of the 5 ft. creek which runs E. in the 2nd 1/4 of Rg. 30. 1/2 mile N. of Sec. 30. before finding the old W. S. B. T. which is correct for course & distance. - 1/2 way the 1/2 " iron pipe.

U. S. Sec. 34, T43, R9.39: 786° E 283. 8 ft. to get top of old W. S. B. T. then S. 19.5 ft. then W. 283.1 ft. to Sec. 30. from which one of my old, tall 5" survey stakes cor. N. 94. 80 ft. to W. S. B. T. 2626.29 ft. W. of this Cor. & in place with the 1/2 " iron pipe. Sec. 33, we set a 2" iron pipe for the true 1/4 cor. side. We also set a 2" iron pipe for the true W. 1/4 Cor. on S. side of Sec. 30. S. E. Cor. of Sec. 34, being the S. W. Cor. of Sec. 30. T43, R9.30 we set a 2x30 "iron pipe for the 1/4 cor. set from the stump of a tree which appears to be the old U. S. bearing tree. I stop at the line Sec. 30, Cor. 30, passing thru the center of an old blazed stump line tree, & then straight on to the west Sec. 30, so that the Cor. is correct as to line 1/4 & 4 also correct as to measure. At the W. 1/4 Cor. we set a 2x30 "iron pipe. N. of a willow. At the 1/4 Cor. on S. side of Sec. 34, T43, R9.30, we set a 2" iron pipe for the true 1/4 cor. set from the S. E. & S. W. Cor. 1/4 straight line bet. This 1/4 Cor. iron sets 2.8 ft. S. of a 2" iron pipe. At the S. E. Cor. of Sec. 30, being the S. W. Cor. of Sec. 36, we find the old 1/4 stage at which point we set a 2" iron pipe for the true Sec. 30. & now check to the old U. S. B. T. the run



FIELD NOTES.

In Sec. 35, T 43, R 30, N 48° W 191.4 ft. to a stump of old N. S. B. T. thence S 30° W thence E 189. ft. to Sec. Cor. showing that it is perfectly set.

At the 1/4 cor. in S. side of Sec. 35, T 43, R 30, we set by 2" iron pipe for the 1/4 cor. in the point half way bet. the S. E. & S. W. cor. of the Sec. 4 on a straight line bet. This 1/4 cor. sets 2.1 ft. 4" poplar tree.

At the 1/4 cor. in S. side of Sec. 36, T 43, R 30, we set a 2" iron pipe for the 1/4 cor. at a point half way bet. the S. E. & S. W. cor. and on a straight line bet. This 1/4 cor. sets in a point cut in the E. side of big white pine log, at which point we set a tall stake to mark the place.

At the 1/4 cor. to Sec. 30, T 43, R 30, N. S. set by call for post 8' Black Pine 8" N 51° E 19.5 ft. (= 13.5 ft.) } Black Pine 8" S 56° E 26.8 ft. (= 18.16 ft.) }
8" S 61° W 29.4 ft. (= 14.5 ft.) } 8" N 24° W 16" (= 10.5 ft.) }

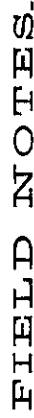
We find the stump of the S. E. tree very plainly supported from which we set 2 21 x 10" stake for true Sec. Cor. with new bearing trees as follows:

4" Jack Pine N 50° 45' E 39.70 ft. 3" Jack Pine N 45° 25' W 52.50 ft.
4" " S 35° 40' W 50.35 ft. 4" " S 40° 10' E 50.70 ft.

from junction of plat spot at base of each tree: Var. 9° E.
Taking the angle of the 4 roads from this Cor. we find them about as follows:

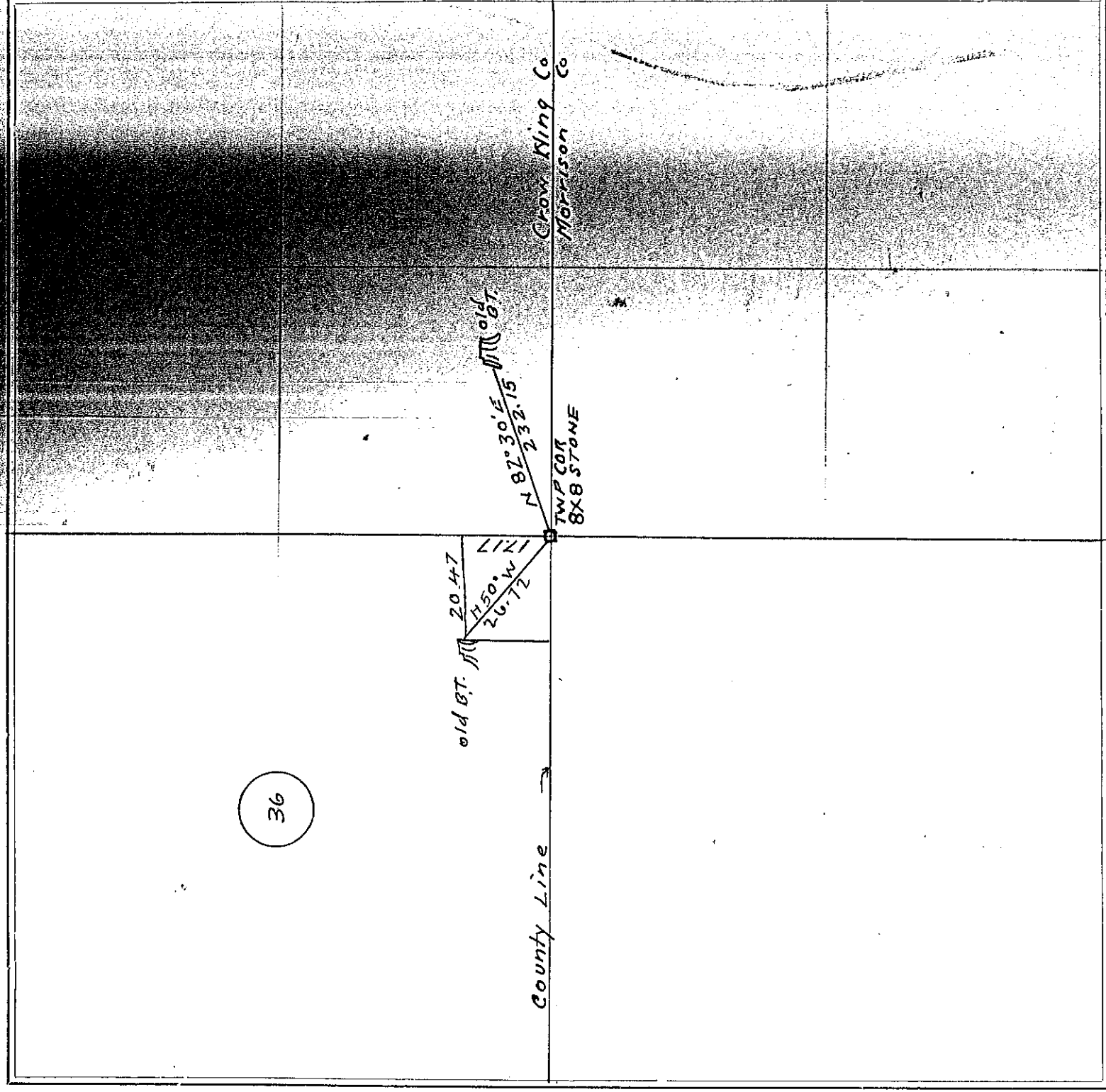
Grady Road heading a mile W. Var. reads 5° 20' E.
Cooked " " " reads 9° E.
" " " reads about 6° 30' Var. E.
" " " " 3° 20' " E.
Then to check our new B. T. from the Sec. Cor. we run:

4 P.M.



7th Sec. 21, T43 R9, 30: N 50° 45' E 34.70 ft. to 4" Jack Pine;
thence S. 20° 1' thence W. 30.7 ft. to Sec. Cor; thence
Sec. 20, T43 R9, 30: N 43° 25' W 52.85 ft. to 3" Jack Pine;
thence E. 56.3 ft. thence S. 38.4 ft. to Sec. Cor; thence
in Sec. 29, T43 R9, 30: S 55° 40' W 70.35 ft. to 49" Jack Pine;
thence N. 28.4 ft.; thence E. 41.6 ft. to Sec. Cor; thence
Sec. 28: T43 R9, 30: S 40° 10' E 50.3 ft. to 4" J. Pine;
N. 32.7 ft. thence N. 58.7 ft. to Sec. Cor, Van. 9.
At the Cor. to Sec. 22, 23, 26 & T43 R9, 39, we find an old
stake set for the true Cor. along the Rd. S.E. to the S.W. bearing tree
called for in the U.S. notes. To check the stake we run:
Old Sec. 26, T43 R9, 30: S 78° E 17.82 ft. to the stump of the
S. 7.7 ft. thence N. 3.7 ft.; thence W 17.4 ft. to Sec. Cor. thence
S. 8.1 ft. Sec. 27, T43 R9, 30: S 39° W 3.3 ft. to Old B.T. thence E.
1.9 ft. to Sec. 27 ft. to Sec. 69., which we find correctly from which
we run 2 miles E. to the grm. monument at the S.E. Co. of
Sec. 24, T43 R9, 30 & find the distance via true line to be
145.1 ft. to the A.P. 136-76.59 ft. N.S. chain, equals 10377.70 ft. my
chain, also the Cor. to Sec. 23, 24, 25 & 26 is lost in proportion
to movement as follows: 198.8 ft. short in 10576.50
ft. would be 1.01 ss of foot apart in each foot.
To the mile of wire b.f. Sec. 23 & 26 is given in the N.S.
field note as 5293.60 ft. it would be 5164.56 ft. my chain
or 1594 feet short.
The mile of line bet. Sec. 24 & 25 is given in the N.S.
notes as 5313.40 ft., it would be 5213.14 ft. my chain or
100 ft. short.
The piece of Sec. 25 & 24 is straight for the 2 miles I
run of the old U.S. survey seem to indicate that the S.

36



FIELD NOTES.

side of Sec. 23 & 24, is straight for the 2 miles I fix the Cor.
proportionately bet. the S. E. Cor. of Sec. 24, & the S. W. Cor. of Sec.
23, and on a straight line bet. it which point I draw a
Twp. Sec. 10 up for the Cor. to Sec. 23, 24, 26, & 26, T 43, R 30.
We get the $\frac{1}{4}$ Cor. bet. Sec. 23 & 26, T 43, R 30 on a straight
line, & half way bet. the S & S W Cor. of Sec. 23, & from this
 $\frac{1}{4}$ Cor. - run a mile up & line straight to the $\frac{1}{4}$ Cor. bet.
Sec. 14 & 23, T 43, R 30. This road is the
"Longfellow Road".

H. L. Appleton Road.
 As the Co. in Sec. 13, 14, 23, 24, & the Co. in Sec. 14, 15, 23, 23
 T43, Rq. 30, have been, & added work in the construction of a road E.
 & W. we locate the position of these Co. as to Ex. W. by carefully
 measuring the distance of 2 1/2 miles from the E. Co. of Sec. 13
 W. to the 1 1/4 Co. on S. side of Sec. 15, which are known from
 Co. 20, with a com. monument in place.

None of these boys has been moved N. or S. because the grade of the road gives the true course of these lines. Ex W & a road N. or S. and N. or S.

to the west of the road. The road is
about 100 ft. wide & built upon the
very loose & fairly marked & even the

Dec 10th 1877. The 14th Corr. bet. Sec. 15 & 22, T43, Rg. 30, gave find a 2" iron pipe, broken at full length in the ground for the true 14 Cor. set by county Surveyor & arison from both old U.S. bearing trees. (Cor. 20: 22: 23: 24: 25: 26: 27: 28: 29: 30: 31: 32: 33: 34: 35: 36: 37: 38: 39: 40: 41: 42: 43: 44: 45: 46: 47: 48: 49: 50: 51: 52: 53: 54: 55: 56: 57: 58: 59: 60: 61: 62: 63: 64: 65: 66: 67: 68: 69: 70: 71: 72: 73: 74: 75: 76: 77: 78: 79: 80: 81: 82: 83: 84: 85: 86: 87: 88: 89: 90: 91: 92: 93: 94: 95: 96: 97: 98: 99: 100: 101: 102: 103: 104: 105: 106: 107: 108: 109: 110: 111: 112: 113: 114: 115: 116: 117: 118: 119: 120: 121: 122: 123: 124: 125: 126: 127: 128: 129: 130: 131: 132: 133: 134: 135: 136: 137: 138: 139: 140: 141: 142: 143: 144: 145: 146: 147: 148: 149: 150: 151: 152: 153: 154: 155: 156: 157: 158: 159: 160: 161: 162: 163: 164: 165: 166: 167: 168: 169: 170: 171: 172: 173: 174: 175: 176: 177: 178: 179: 180: 181: 182: 183: 184: 185: 186: 187: 188: 189: 190: 191: 192: 193: 194: 195: 196: 197: 198: 199: 200: 201: 202: 203: 204: 205: 206: 207: 208: 209: 210: 211: 212: 213: 214: 215: 216: 217: 218: 219: 220: 221: 222: 223: 224: 225: 226: 227: 228: 229: 230: 231: 232: 233: 234: 235: 236: 237: 238: 239: 240: 241: 242: 243: 244: 245: 246: 247: 248: 249: 250: 251: 252: 253: 254: 255: 256: 257: 258: 259: 260: 261: 262: 263: 264: 265: 266: 267: 268: 269: 270: 271: 272: 273: 274: 275: 276: 277: 278: 279: 280: 281: 282: 283: 284: 285: 286: 287: 288: 289: 290: 291: 292: 293: 294: 295: 296: 297: 298: 299: 300: 301: 302: 303: 304: 305: 306: 307: 308: 309: 310: 311: 312: 313: 314: 315: 316: 317: 318: 319: 320: 321: 322: 323: 324: 325: 326: 327: 328: 329: 330: 331: 332: 333: 334: 335: 336: 337: 338: 339: 340: 341: 342: 343: 344: 345: 346: 347: 348: 349: 350: 351: 352: 353: 354: 355: 356: 357: 358: 359: 360: 361: 362: 363: 364: 365: 366: 367: 368: 369: 370: 371: 372: 373: 374: 375: 376: 377: 378: 379: 380: 381: 382: 383: 384: 385: 386: 387: 388: 389: 390: 391: 392: 393: 394: 395: 396: 397: 398: 399: 400: 401: 402: 403: 404: 405: 406: 407: 408: 409: 410: 411: 412: 413: 414: 415: 416: 417: 418: 419: 420: 421: 422: 423: 424: 425: 426: 427: 428: 429: 430: 431: 432: 433: 434: 435: 436: 437: 438: 439: 440: 441: 442: 443: 444: 445: 446: 447: 448: 449: 450: 451: 452: 453: 454: 455: 456: 457: 458: 459: 460: 461: 462: 463: 464: 465: 466: 467: 468: 469: 470: 471: 472: 473: 474: 475: 476: 477: 478: 479: 480: 481: 482: 483: 484: 485: 486: 487: 488: 489: 490: 491: 492: 493: 494: 495: 496: 497: 498: 499: 500: 501: 502: 503: 504: 505: 506: 507: 508: 509: 510: 511: 512: 513: 514: 515: 516: 517: 518: 519: 520: 521: 522: 523: 524: 525: 526: 527: 528: 529: 530: 531: 532: 533: 534: 535: 536: 537: 538: 539: 540: 541: 542: 543: 544: 545: 546: 547: 548: 549: 550: 551: 552: 553: 554: 555: 556: 557: 558: 559: 560: 561: 562: 563: 564: 565: 566: 567: 568: 569: 570: 571: 572: 573: 574: 575: 576: 577: 578: 579: 580: 581: 582: 583: 584: 585: 586: 587: 588: 589: 590: 591: 592: 593: 594: 595: 596: 597: 598: 599: 600: 601: 602: 603: 604: 605: 606: 607: 608: 609: 610: 611: 612: 613: 614: 615: 616: 617: 618: 619: 620: 621: 622: 623: 624: 625: 626: 627: 628: 629: 630: 631: 632: 633: 634: 635: 636: 637: 638: 639: 640: 641: 642: 643: 644: 645: 646: 647: 648: 649: 650: 651: 652: 653: 654: 655: 656: 657: 658: 659: 660: 661: 662: 663: 664: 665: 666: 667: 668: 669: 670: 671: 672: 673: 674: 675: 676: 677: 678: 679: 680: 681: 682: 683: 684: 685: 686: 687: 688: 689: 690: 691: 692: 693: 694: 695: 696: 697: 698: 699: 700: 701: 702: 703: 704: 705: 706: 707: 708: 709: 710: 711: 712: 713: 714: 715: 716: 717: 718: 719: 720: 721: 722: 723: 724: 725: 726: 727: 728: 729: 730: 731: 732: 733: 734: 735: 736: 737: 738: 739: 740: 741: 742: 743: 744: 745: 746: 747: 748: 749: 750: 751: 752: 753: 754: 755: 756: 757: 758: 759: 760: 761: 762: 763: 764: 765: 766: 767: 768: 769: 770: 771: 772: 773: 774: 775: 776: 777: 778: 779: 780: 781: 782: 783: 784: 785: 786: 787: 788: 789: 790: 791: 792: 793: 794: 795: 796: 797: 798: 799: 800: 801: 802: 803: 804: 805: 806: 807: 808: 809: 810: 811: 812: 813: 814: 815: 816: 817: 818: 819: 820: 821: 822: 823: 824: 825: 826: 827: 828: 829: 830: 831: 832: 833: 834: 8

Section Town Range

FIELD NOTES.

this 14 Cor. It is not intersected in any way, only that the corner number of the town board & his interest has been as a public officer.

He has associated this Cor. with various land marks & made affidavit to the agreement of the same as follows:

"I do get Brody Luff, to now Wiley Coy Minn, Jan 31 st. 1919. I do get Gordon Co here by certify that they own - having ment which by point at 1000 ft. Surveyors to now by the true 14 Cor. Sec. 22, 74 S, R. 30, as established by Gregory, Surveyors. Now, or about 1880, at which time, both of the old 14 Cor. trees stood; the S. tree stood plainly indicated, and the N. W. tree was partly destroyed. and from those trees, I indicated the corner of the 14 Cor. this was Cor. now, in the (C) center of the E & W road. I made road in 1900, with the trees standing, and I have not moved to it. I have not found location as indicated, by said corner by Surveyors Hamilton.

Signed J. Gordon.
 Sec. 22 before me this 31 st day of Jan. 1919, John W. Coers,
 County Surveyor, to now Wiley Co. Minn.
 I do get J. H. Luff, to now Wiley Co. Minn.
 This is in 14 Cor. sec. 14 S. of the N. corner of the E & W road, 22 S. W. corner. Now bearing trees as follows:
 14 Cor. S. 41° 35' E 74.00 ft.
 6" 70° 00' W 8.50 ft.
 6" 70 S. 20' E 43.60 ft. to Plat - 14 S. 1, 4 base 10 and 100.

FIELD NOTES.

type course plumed from the general road center leading North. Then a ga. spoke & a run:

From Sec. 12, T 43, R 9, 30: N 36° 12' E 51.60 ft. to fence Cor. thence W. 39.5 ft. thence S. 41.6 ft. to Sec. Cor. thence:

From Sec. 14, T 43, R 9, 30: N 45° W 45.85 ft. to fence Cor. thence E 34.5 ft. thence S. 34.5 ft. to Sec. Cor. thence

From Sec. 14, T 43, R 9, 30: S 6° 53' W 31.6 ft. to fence Cor. thence E 2.2 ft. thence N. 21.3 ft. to Sec. Cor. and from point we

chain E. along the graded road 52.74, 20 ft. to the 100' monument at the N. E. Cor. of Sec. 13, T 43, R 9, 30, and with a transit to put all Cor. on a straight line we run 28.56"

from monument at the 1/4 Cor. and the 1/4 Cor. to Sec. 12 & 13 as shown by the map, hereunto, then the corner of W. half of Sec. 13 for road purposes, as shown by plat here with.

At the Cor. to Sec. 12, 3, 10 & 11, T 43, R 9, 30 we set a stake 28.36' from pipe to true Sec. Cor. a point previously established

by County Surveyor Harrison, from which we run

From Sec. 2, T 43, R 9, 30: N 45° E 46.7 ft. to a stake to mark the road limit, thence S. 33 ft. thence W. 53 ft. to Sec. Cor. thence:

From Sec. 3, T 43, R 9, 30: N 45° W 46.7 ft. to a stake set to mark the road limit, thence S. 33.00 ft. thence E 51.00 ft. to Sec. Cor. from which we run S. along the Sec. line to the

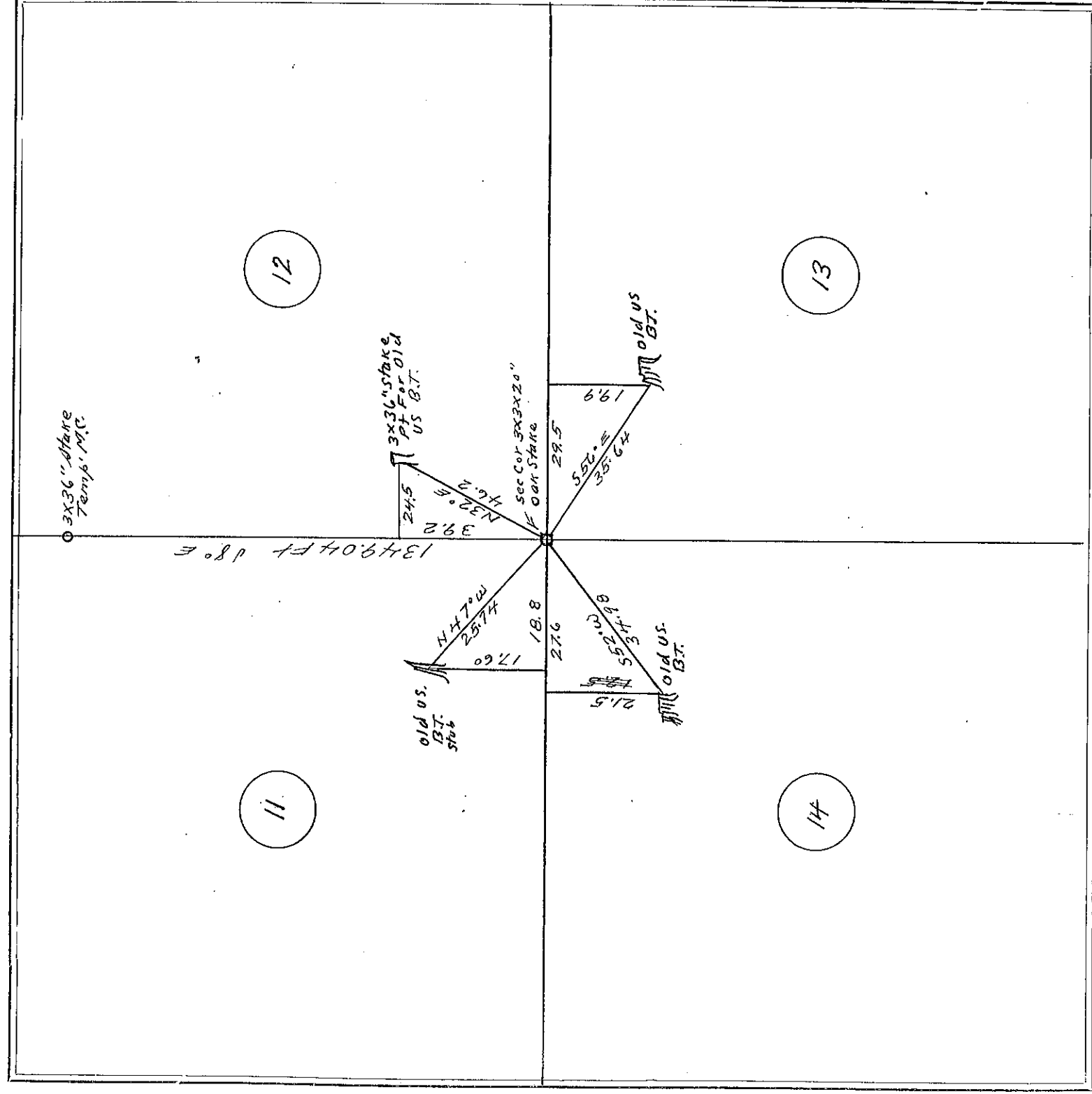
Cor. of Sec. 10, 11, 14, 15, T 43, R 9, 30. where we find an iron monument

previously established by County Surveyor Harrison, from which we run

From the Cor. we run S. E. bearing 170°, the stump of which is still here.

SURVEY No. 163

Sections 11-12-13-14 Town 137^N Range 29^W 5th PM



FIELD NOTES

Survey extends over

Sections: ~~10-11-12-13~~-7

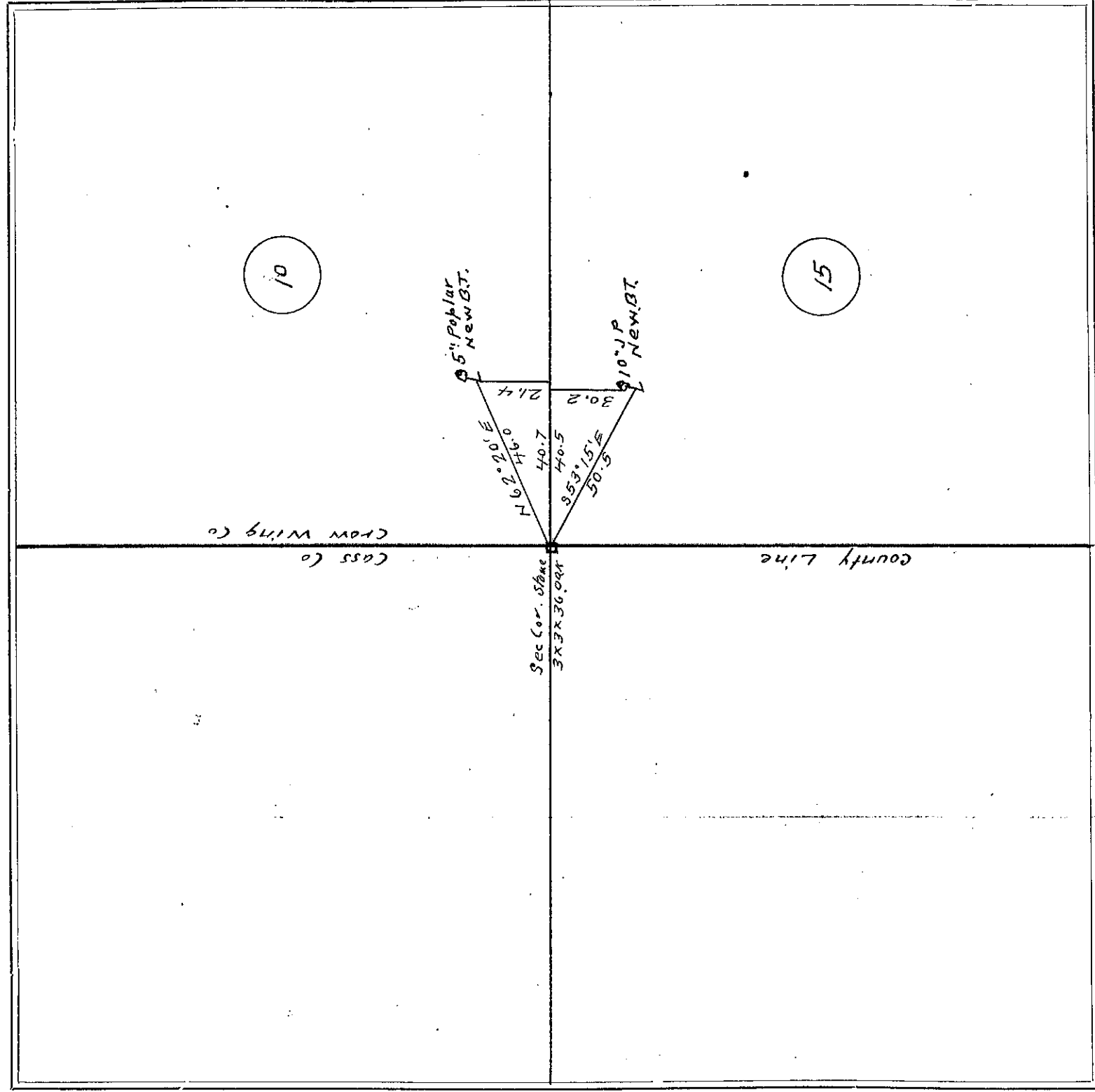
10-11-12-13-14-15-22-23-26-27 T 137 N R 29 W 5 PM
Crow Wing Co Minn

Field notes of a survey made in sections 10-11-12-13-14-15-22-23-26 & 27 T 136 N Rg. 29 W, Crow Wing Co. Minn. as surveyed by John W. Cress County surveyor of Crow Wing Co. Minn. At the corner to sections 9-10-15-16 T 137 Rg 29 N the West line of Crow Wing Co. I find the stump of the H.S. bearing trees from which I set a 3X3X36 inch oak stake for the true corner and as the old stumps are becoming decayed and the pagers will soon be lost and as there is no township boards or the County Board (recorders) have taken no step to preserve this corner I establish new bearing trees as follows:

corner I establish new bearing trees as follows:
5 inch poplar N 62° 20' E 40.00 ft.
10 inch Jack pine S 53° 15' E 50.50 ft. Then as a check I run:
a section 10 T 137, R 9.29 N 62° 20' E 46.00 ft. to a 5 inch poplar.
Thence South 21.4 thence West 40.7 to section corner. Thence
a section 15 T 137 R 9.29 S 53° 15' E 50.5 ft. to a 10 inch Jack pine
thence North 30.2 thence West 40.5 to sec. cor. 28's part.
At the corner to section 11-12-13-14 T 137 R 9.29 W
15 T 20.29 - the corner from the remains of three of old U.S.
bearing trees from which I set a 3 X 3 X 20 inch oak stake
40.11. The tree - section corner. Then as a check I run
a section 12 T 137 R 9.29 N 32° E 46.20 ft. and set a 3 X 36 inch
stake at point for old U.S. tree which is gone, thence West
21.5 ft. Thence South 39.2 ft. to section corner. Thence

SURVEY No. 163 continued

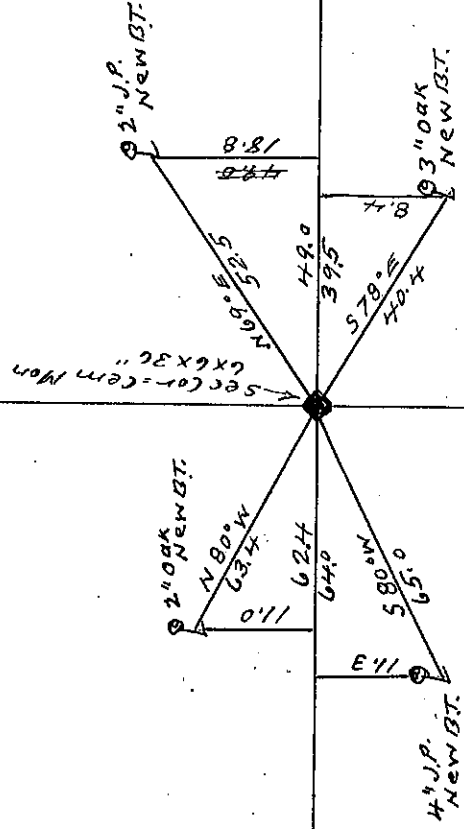
Sections 10-15 Town 137 N Range 29 W 5th PM.



FIELD NOTES.

Sec. 10 Section 11 T 137, Rg. N 47° W 25.74 ft. to tall stump of
the old B.T. which is plainly scribbled. Thence South 17.6 ft
thence East 18.8 ft to section corner. Thence in section
14 T 137, Rg. 29 S 52° W 34.98 ft to stump of old B.T. stump
marked. Thence North 21.5 ft. Thence East 21.6 ft to section
corner. Thence in section 13 T 137 Rg. 29 S 56°
35.64 ft to stump of old M.S. bearing tree. Thence
thence North 19.9 ft. Thence West 29.5 ft to place of beginning
all at 80 yd. Thence North along the section line
1349.04 ft and set stake for temporary M. B.
At the corner to section 22-23-26 at
T 137 Rg. 29 S find a 6x6x36 inch corner monument
previously established by me from the old M.S. bearing
tree which stood here plainly marked ten years ago
and as the road for a long bearing tree section corner
away so that the point for the tree section corner
will again appear. Lost a tree section corner
3-inch oak (1.1 ft E of 2 inch oak) bears S 78° E 40.4 ft.
2 " Jack pine W 69° E 52.0 ft. 2-inch oak N 80° W 65.1 ft.
4 " " " S 80° W 65.0 ft. Over

Town 137A

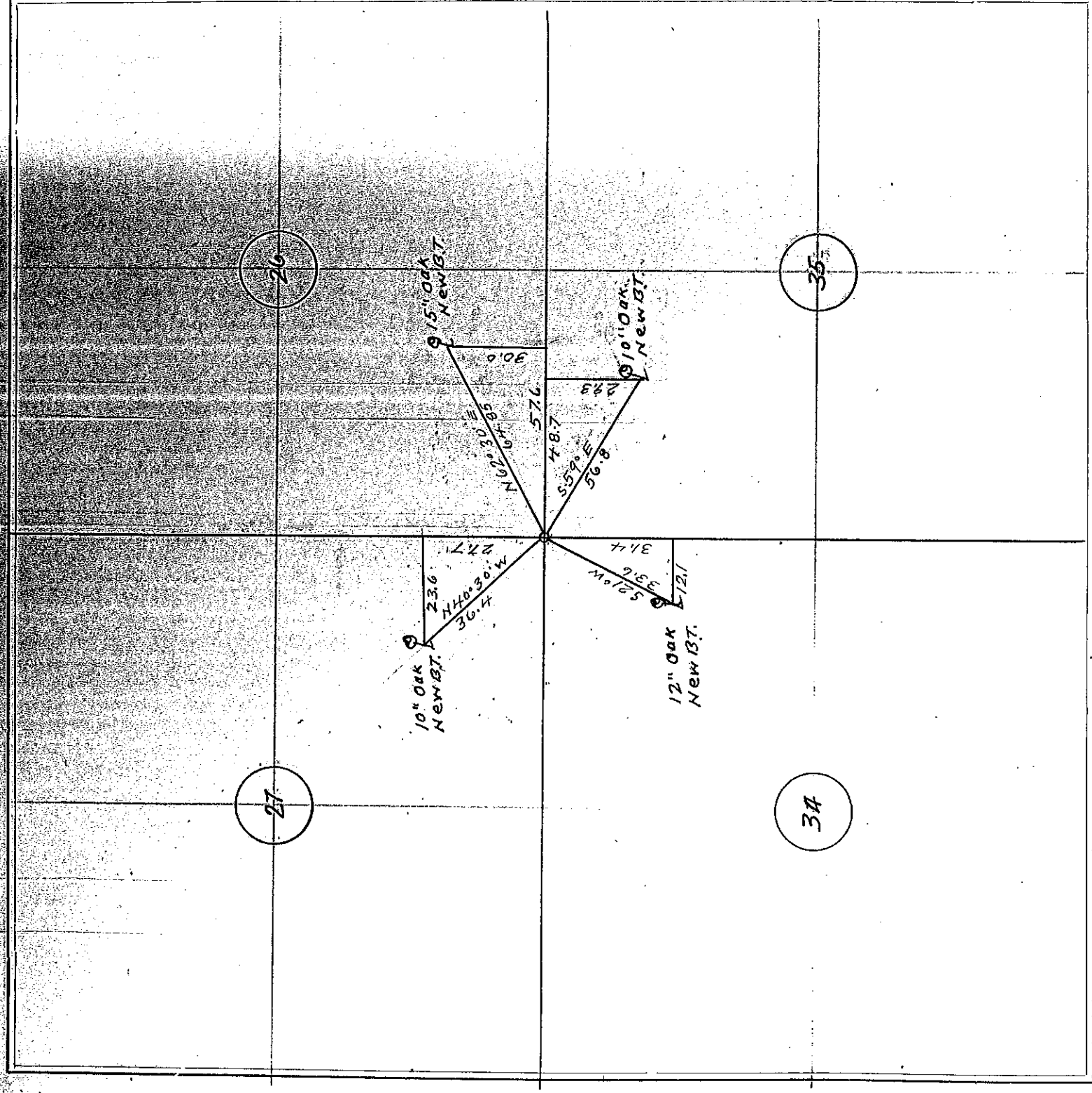


From the cement section corner in section 23 T137 Rg29 N 69° E 52.5 ft to a 2 inch Jack pine tree; thence South 18.8 ft. thence West 49.0 ft to section corner; thence in section 22, T137 Rg29 N 80° W 63.4 ft to a 2 inch oak tree; thence South 11.0 ft, thence East 62.4 ft to sec. cor.; thence in section 27 T137 Rg29 S 80° W 65.0 ft to 4 inch Jack pine; thence North 11.3 ft thence East 64.0 ft to sec. cor. thence in section 26 T137 Rg29 S 78° E 48.4 ft to 3 inch oak tree thence North 8.4 ft thence West 39.5 ft to section corner.

John W. Carr
County Surveyor of Broad Wing Pa Minn.

Sections 26-27-34-35 Town 43 N

Range 32 W 4th PM



FIELD NOTES.

Survey extends over
Sections 26-27-34-35 T 43 N R 32 W 4th PM
Crow Wing Co Minn

Field notes of the survey of a part of sections 26-27-34-35 T 43 N R 32 W. 4th P. M. as surveyed by John W. Curo County Surveyor. At the corner to section 26-27 34-35 T 43 N R 32 W, we find a stone with cross (+) and in top and set by some surveyor for the section corner and as the stone is liable to be moved and as we have no record of its establishment we search for traces of the old W. tree standing bearing trees and find the stump of the old W. tree standing plainly marked, but liable to fall over or burn and found. The stone checks out for course and distance with the old B.T. stump, as we mark new bearings as follows: 15 inch oak N 52° 30' E 64.85 ft. 10 inch oak N 40° 30' W 36.40 ft. 12 " " S 21° W 33.60 " " 10 " " S 59° E 56.80 " to flat spot at base of each tree set with compass @ 8° 30' var. E. G. a check found in section 26-34, R 32 N 62° 30' E 64.85 ft. to 15 inch oak, then south 30.0 ft. and West 57.6 ft. thence in section 27 1/3 R 32 W 40° 30' W 36.4 ft. to 10 inch oak; thence East 23.6 ft. and S 21° W 33.6 ft. thence in section 34 T 43 R 32; 821° W 33.6 ft. to 12 inch oak; thence East 12.1 ft. North 31.4 ft. thence in section 35 T 43 R 32; S 59° E 56.8 ft. to 10 inch oak; thence North 29.3 ft. and West 48.7 ft. to old cor.

Approved May 1920
Recorded May 14 1920

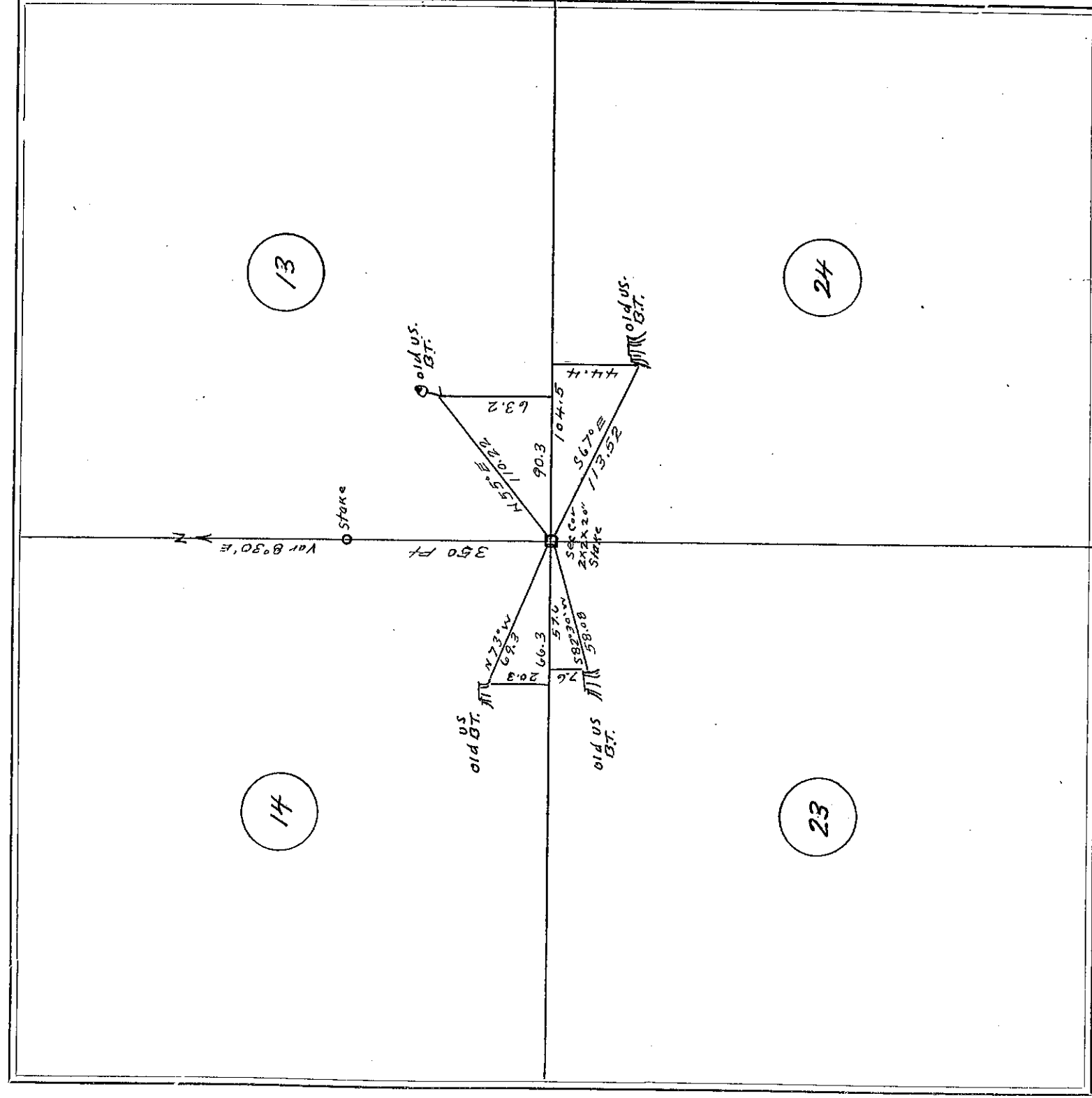
John W. Curo
County Surveyor Crow Wing Co. Minn.

SURVEY No. 165

Sections 13-14-23-24

Town 137 N

Orange 28 v 5th PM



FIELD NOTES

Survey extends over

Sections: 13-14-23-24-71374 R28 w Crow Wing Co. Minn

Field notes of the survey of a part of section 22 surveyed by John W. Cross County Surveyor. We set a 2x2x20 inch oak stake for the true section corner from the face of the old U.S. bearing trees; and as a check we ran from the section corner. In section 13 T 137 R 28 S 36 E 110.22 feet to base of figure on the old 6 inch bearing tree being a Jack pine which still stands plainly marked. Thence S 63.2 ft. then West 95.3 ft. to section corner of old U.S. B.T. then section 14 T 137 R 28 S 36 E 130 W 69.30 ft. to stump of old U.S. B.T. then section 20.3 ft. then East 66.3 ft. to section corner. Thence section 23 T 137 R 28 S 82.30 W 38.08 ft. to stump of old U.S. B.T. Thence North 7.6 ft. Thence East 157.6 ft. to section corner. Thence section 24 T 137 R 28 S 64.5 F 113.52 ft. to stump of old U.S. B.T. Thence North 14.4 ft. Thence West 104.5 ft. to section corner. The place of beginning. Thence North between section 13 and 14 T 137 R 28 S 30.4 ft. and set stake on line, all @ 80.30' was run with compass.

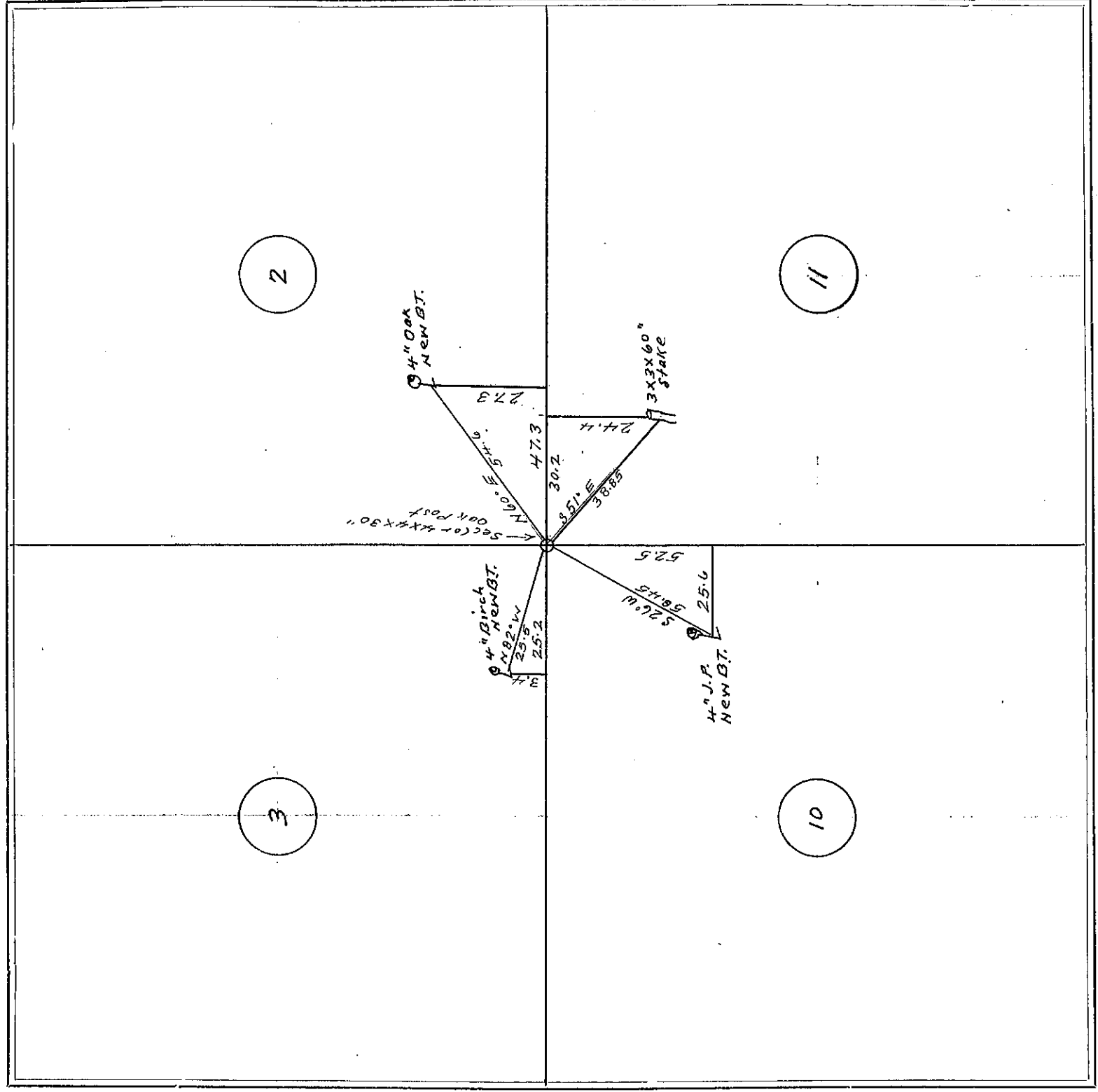
Received June 15th
1900

1919
1920.

John W. Rogers.
Haverhill. Where you
Cross Windg. Co. Mass.

SURVEY No. 166

Sections 2-3-10-11-22-23 Town 136 N Range 29 W 5th P.M.



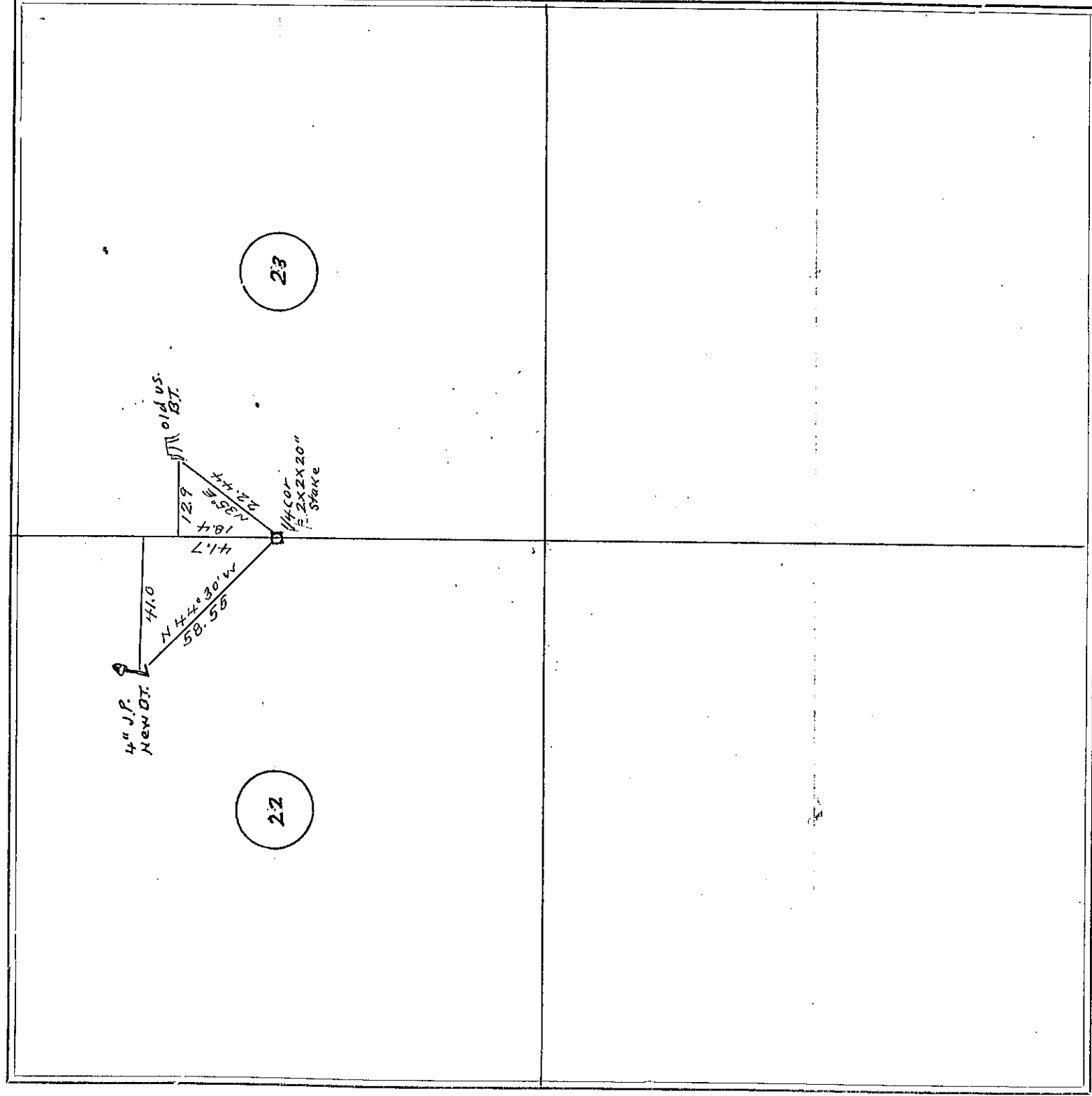
FIELD NOTES.

Survey extends over
Section 2-3-10-11-22-23 T 136 N R 29 W 5th P.M.
Crow Wing Co Minn

Field notes of the survey of a part of section 2-3-10 11-22-23 T 136 N R 29 W 5th P.M. Crow Wing Co Minn as surveyed by John W. Crow County Surveyor.
At the corner to section 2-3-10-11 T 136 R 29 Sec 2 a 4x4x30 inch oak post for the true corner from the stump of the old U.S. bearing tree and in order to preserve this corner so that it will not become lost I marked a new bearing as follows: 4 inch oak $\approx 60^\circ E$ 54.6 ft; 4 inch birch $\approx 82^\circ W$ 25.5 ft. There is a check run in section 2 T 136 R 29 $\approx 60^\circ E$ 54.6 ft. to 4 inch oak thence South 27.3 ft. thence West 4.3 ft to oak cor. thence in section 3 T 136 R 29 $\approx 82^\circ W$ 25.5 ft to 4 inch Birch thence down the 3.4 ft. thence East 25.2 ft to oak cor. thence in section 10 T 136 R 29 $\approx 52^\circ W$ 58.45 ft to 4 inch Jack pine thence East 25.6 ft. thence North 52.5 ft to section corner thence in section 11 T 136 R 29 $\approx 51^\circ E$ 38.85 ft to 3x3x60 inch stake thence North 24.4 ft thence West 38.2 ft to corner place of beginning thence 1320 ft and set stake.

SURVEY No. 166 continued

Sections 22-23 Town 136 N Range 29 W 5th PM



FIELD NOTES.

At the $\frac{1}{4}$ corner between sections 22-23 we find the corner apt to be coryug lost or obliterated on account of a new road which has already taken out the S.W. bearing tree and the post set by the United States in their survey and in order to preserve this corner I set a 2x2x20 inch stake from the old N.E. bearing tree which is plainly marked this corner falls to a point about 9 feet East of the re-terp line of the M. & S. State road. From the $\frac{1}{4}$ stake bearing W. 29° 40' 00" S. Old B.T. N 35° E 22.44 ft and mark a new bearing which is a 4 inch jack pine which bears N 44° 30' W 58.55 ft. From the $\frac{1}{4}$ corner in section 23 T 136 R 29 N 85° E 22.44 ft to old B.T. thence West 12.9 ft thence South 18.4 feet to $\frac{1}{4}$ corner thence in section 22, T 136 R 29 N 44° 30' W 58.55 ft to $\frac{1}{4}$ inch jack pine. thence East 41.0 ft thence South 41.7 ft to $\frac{1}{4}$ corner.

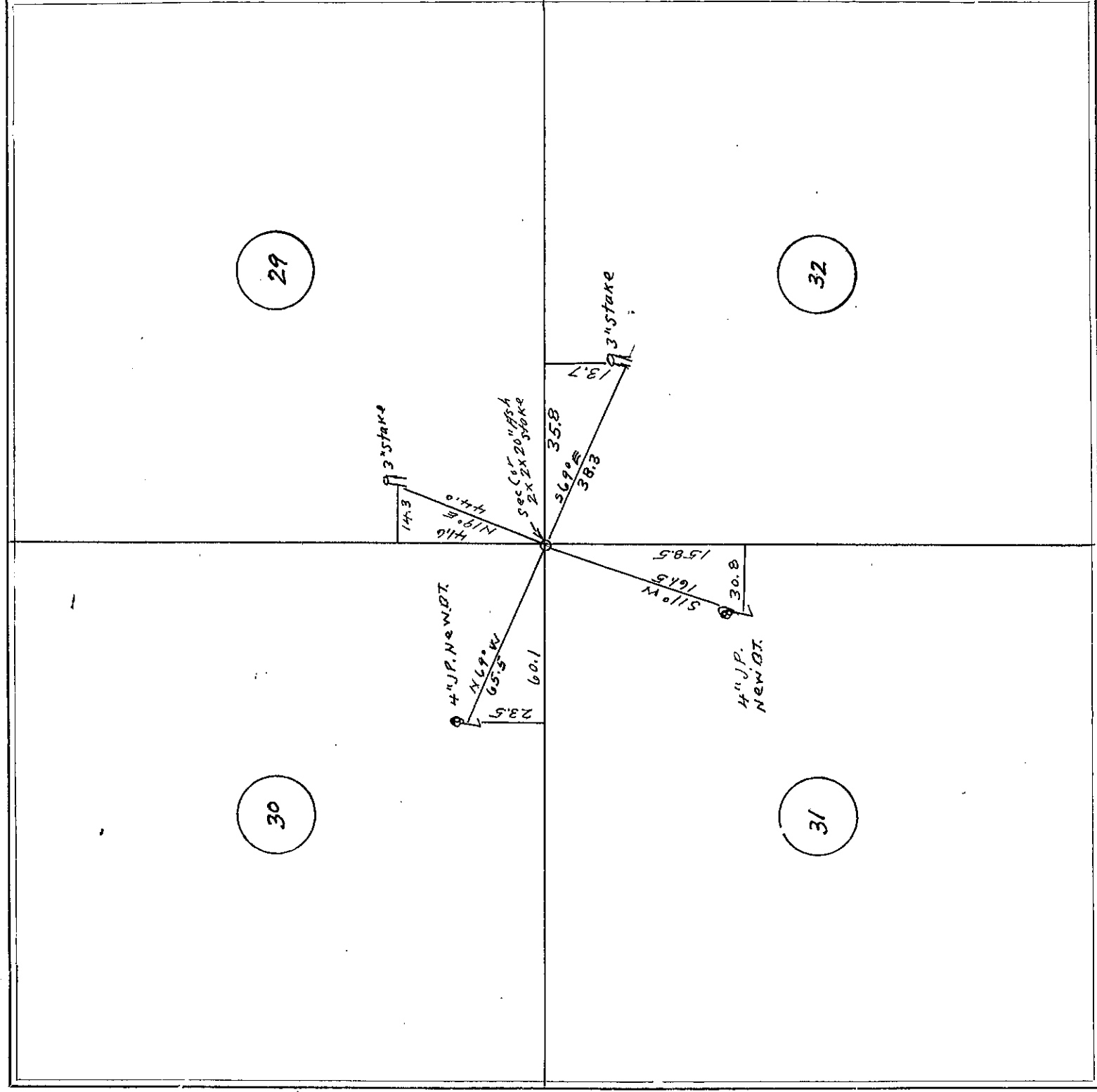
Surveyed August

1919 Recorded May 17th 1920

John W. Buro
Co Surveyor Crow Wing Co. Minn.

SURVEY No. 167

Sections 29-30-31-32 Town 134 N Range 28 W 5th PM.



FIELD NOTES.

Survey extends over

Sections 29-30-31-32 - T 134 N R 28 W 5th PM.

Crow Wing Co Minn. Field notes of the survey of a part of sections 29-30, 31, 32, Township 134 N. Range 28 W 5th PM. Crow Wing Co Minn. as surveyed by John W. Cress County Surveyor.

At the corner of Sections 29, 30, 31 and 32, T 134 R 28 we find the remains of two of the old U.S. bearing lines which are liable to be burned or lost and as the remaining lines and the section corner has been torn up and lost in the construction of a road built by the county and as the commissioners refuse to furnish iron monuments for the section corners we do what we can to preserve the original point of the U.S. section corner by driving a 2x2x20 inch ash stake for the true section corner with new bearings as follows: 3 inch stake driven N 19° E 44.00 ft distant; 4 inch Jack Pin line S 11° W 161.5 ft; 4 inch Jack Pin N 69° W 65.5 ft; 3 inch stake driven solid bears S 69° E 38.3 ft. From the

section corner we run:
In Section 29 T 134 R 28: N 19° E 44.00 ft to a 3 inch stake; then West 14.3 ft; and South 44.6 ft; thence In Section 30 T 134 R 28: N 69° W 65.5 ft to 4 inch Jack pin; then South 23.5 and East 60.1 ft; thence In Section 31 T 134 R 28 S 11° W 161.5 ft to a 4 inch Jack pin; thence East 30.8 ft; and North 158.5 ft thence In Section 32 T 134 R 28: S 69° E 38.3 ft to 3 inch stake; then North 13.7 ft and West 35.8 ft to section corner, place of beginning Surveyed and Recorded May 17-1920

John W. Cress
Co. Surveyor

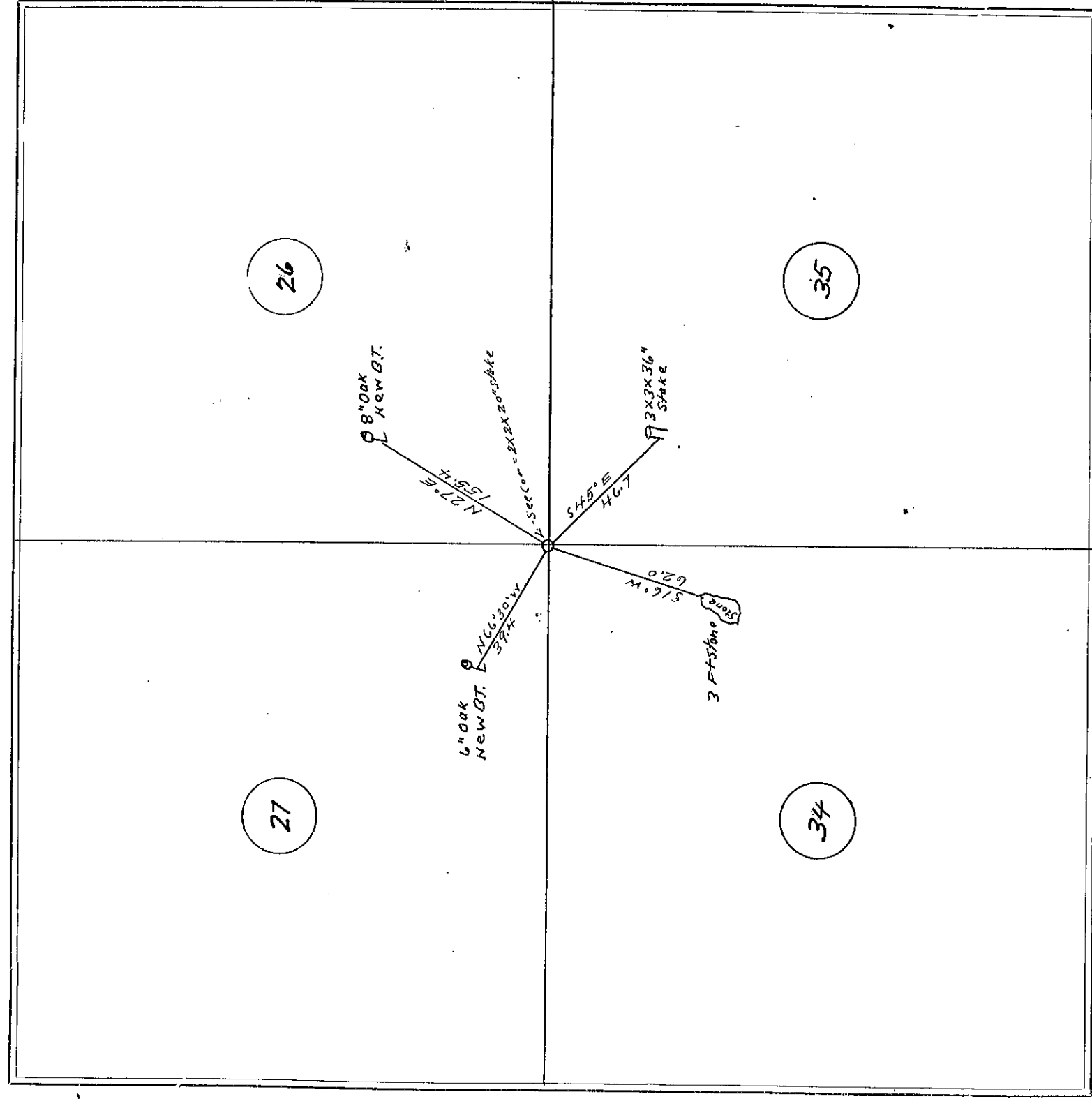
SURVEY No. 168

Sections 26-27-34-35

Town 43 N

Range 31 W

44 PM.



FIELD NOTES.

Survey Extends over Sections 26-27-34-35 T 43 N R 31 W 4 PM.

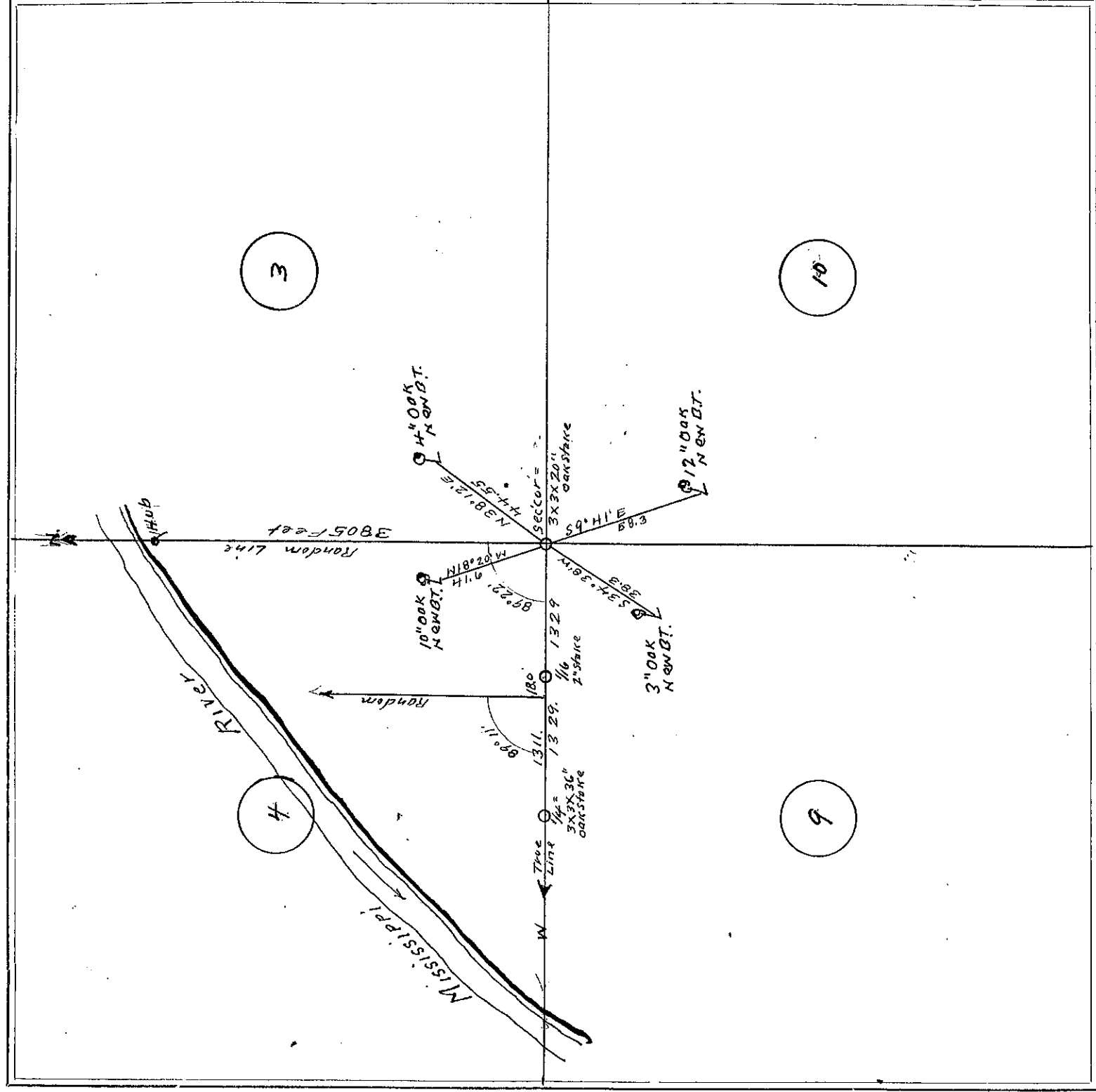
The old survey of the township part of sec 26 27-34- 35 Township 43 N, Range 31 W, was surveyed by John W. R. in 1893. (Detailed plat of same in County Surveyor's office). (Detailed plat of same in County Surveyor's office). At the corner of sec 26 27-34- 35 previously established by me, I find the old survey line set out on the county line. I find that the old pine U.S. bearing tree which stood plainly mark the corner is now buried and the S.E. corner new bearing tree set by me has been cut down but I find a part of my new bearing trees which enable me to locate the stake I set for the corner and from this stake we chain along the creek road rough chain North. bet sec 34-35 T 43 R 31. At 5280 ft North rough chain we intersect the old section corner previously located by me at which point I drive a new stake by 2 1/2 inch for stone corner to section 26 27-34- 35 T 43 R 31 where I mark new bearing as follows. 8 inch oak N 27° E 105.4 ft in sec 26 6 inch oak N 66° 30' W 39.40 ft in sec 27. Nearest point of 8.93 ft stone be S 16° W 62.0 ft. to North end of stone in sec 34 36 inch oak stake S 45° E 116.7 ft. in sec 35. To mark road line I set with compass & tape 270° corner all in Twp 43 R 31. I review this corner we run compass line in all direction in 5th adjoining lands but the working of the rough a signature to be considered a survey to be recognized but the new bearing to be recorded here with are chained with extreme accuracy and are correct as given in this record.

Survey finished and
Recorded June 20, 1920

John W. R. County Surveyor & Recording

SURVEY No. 169

Sections 3-4-9-10 Town 43 N Range 32 W 4th PM



FIELD NOTES.

Survey extends over

Sections 3-4-9-10-T 43 N R 32 W 4. PM.

Field notes of the survey of a part of sections 3-4-9-10 Township 43 N Range 32 W 4th PM. as surveyed by John W. Puro County Surveyor. Brown Wing 20 Minn. Henry Lehagel helped in this survey. At the corner to section 3-4-9-10 T 43 N R 32 W by the old N.E. and S.W. stumps of the old bearing trees called for in the U.S. field notes from which I set a stake 3x3x20 inch oak stake for the true section corner at which point there are still fragments of the old U.S. corner stake.

The stumps are burned but they were plainly marked a few years ago and in order that this corner may not be lost I mark new bearing trees as follows.

4 inch oak N 38° 12' E 44.55 ft. in section 3.

10 inch oak N 18° 20' W 41.60 ft. in section 4.

3 inch oak S 34° 38' W 38.30 ft. in sec 9

12 " " S 7° 41' E 58.30 ft. in sec 10 set with transit

and steel tape @ 10° var E All in Town 43 N R 32 W 4th PM.

Section

Town

Range

FIELD NOTES.

For one, the corner we run a transit line West 2608 feet to the 1/4 corner bet sees 4 and 9 where we set a 3x3x36 yick oak stake for the same. 1/4 corner bet sees 4 & 9 T 43 R 32 at which point we find the old U.S. stake and the old U.S. bearing pegs called for in the U.S. Field notes. At this half mile it too long we divide the distance as follows: 2640 ft. U.S. chain equals 2658 ft. my chain being 18 ft. over length. by dividing the distance at 1328.0 ft. we set a 2 inch stake for the East 1/6 corner bet sees 4 & 9 T 43 R 32 and from a point 18 ft. West of this 1/6 corner, Babcock runs a N.W. angle of 89° 11' Right, and runs a transit line keeping front West of the West edge of some trees which Mrs May does not want cut - this line is run to locate a site for the location of a new house and ~~not~~ not for the 1/6 line. From the sec corner Babcock runs a transit line North on road down between sees 3 & 4 T 43 R 32 & sets a hub on the South bank of the Mississippi river at a point 3805. ft Nor of the corner to sees 3-4-9-18 T 43 R 32. Mr Matte does not care to spend any more money on the survey we call it finished as far as giving the above notes & record the same herewith for the benefit of future surveys.

(1) Survey finished and
recorded June 21 - 1920

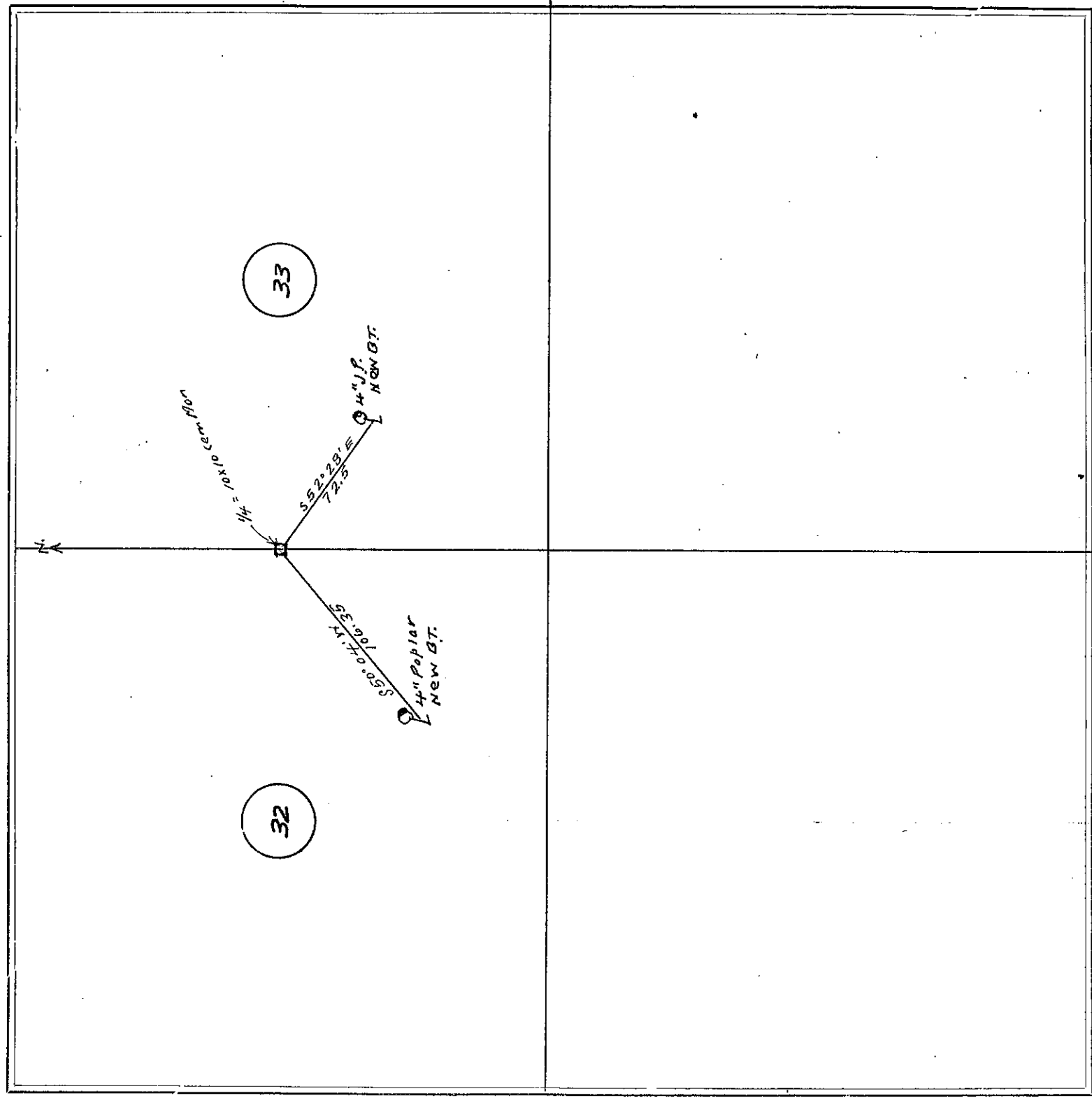
John W. Rios Co Survey

SURVEY No. 170

Section 5 32-33

Town 47 N

Range 29 W 4th PM.



FIELD NOTES.

Survey extends over

Sections 32-33-747N R 29 W 4th PM.

Between sections 32 & 33 T 47 N R 29 W, we find a 10x10 inch iron 1/4 post, previously established by some surveyors for the true 1/4 corner which appears to be generally accepted and approved by the surrounding land owners and agreed upon. But the land owners are satisfied that this monument is the true and correct 1/4 corner. It is not known how far it extends into the ground but the top is 10x10 inches in square and accepting this as the true 1/4 corner between sections 32 and 33 T 47 N R 29, it is in the same as that it will not be lost and marks new bearings as follows:

72.50 ft in sec 33.

in sec 32, @ 10' var E.

It shows by the plat herewith a check & run line.

All in sec 32 & 33 T 47 N R 29.

Survey made by John W. Curtis & Jarold W. Curtis July 20 1920.

Survey checked and
Recorded July 20-1920

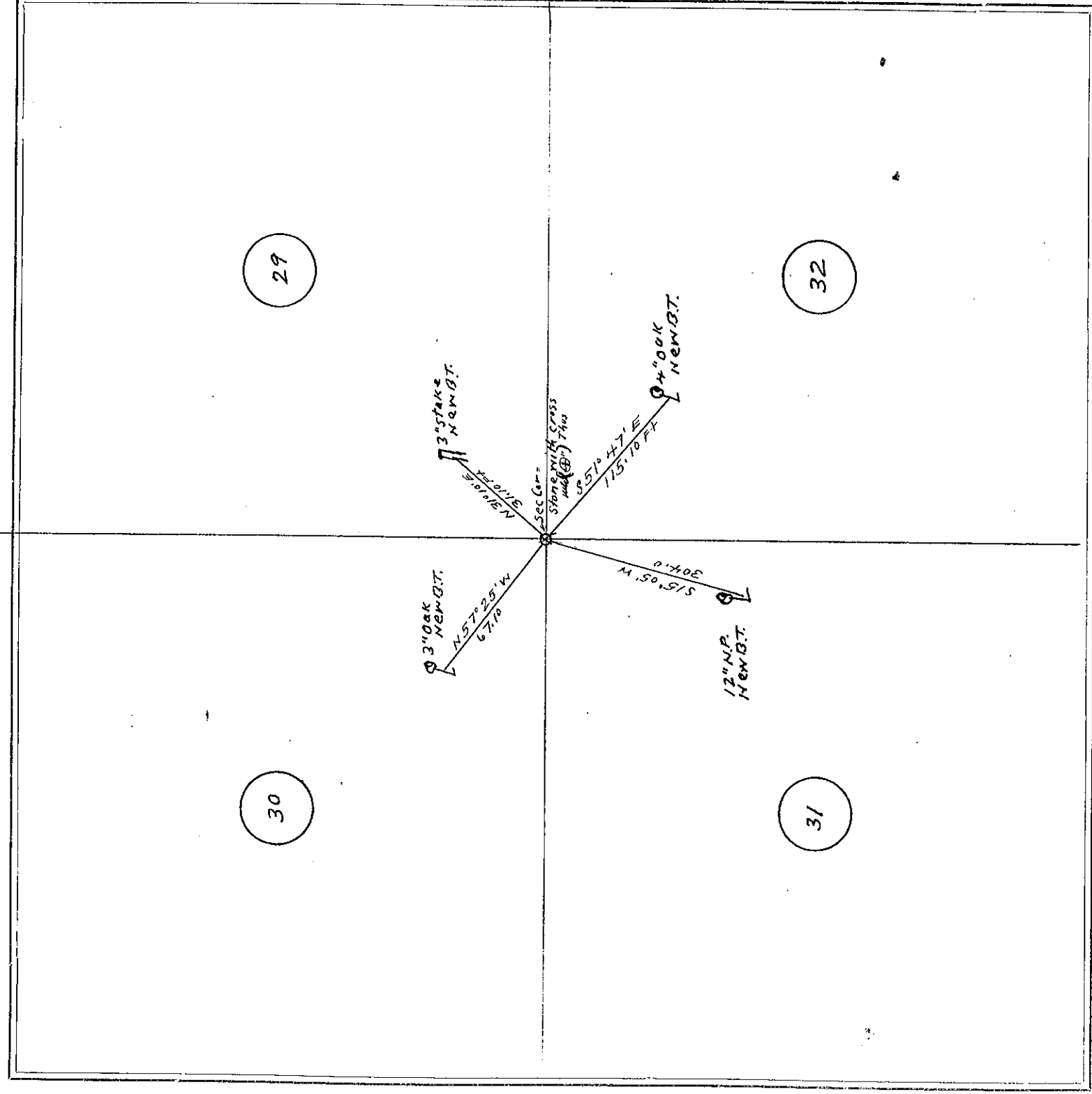
John W. Curtis County Surveyor.

SURVEY No. 171

Sections 29-30-31-32

Town 43 N

Range 30 W 4 PM



FIELD NOTES.

Survey extends over sections 29-30-31-32 T 43 N R 30 W 4 PM. Crow Wing Co. Minn

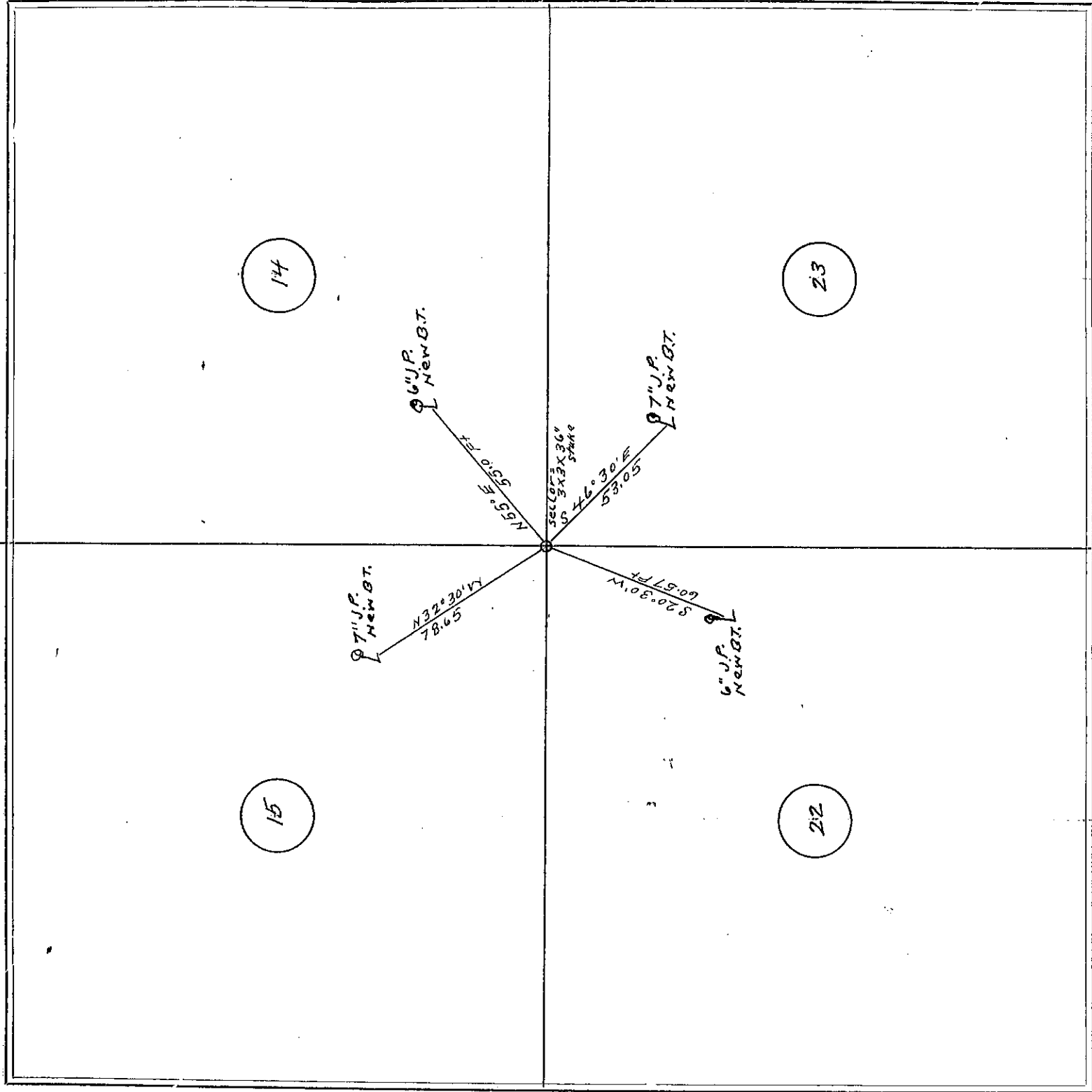
Field notes: At the corner to sections 29-30-31-32 T 43 R 30, we find a stone with cross (+) at in top, set by Asbury & Garrison for the township cor. & as I have previously checked up this stone with the remains of the old U.S. bearing trees and find it correctly set and that it sets in the center of a graded road running E. 25° W. & North & I decide to tie in so that it will not get lost. (I take new bearings as follows: From this true sec. cor. we run in sec. 29 T 43 R 30 - S 34° 10' E 31.10 ft. to 3 inch stake thence from sec. 31 T 43 R 30 - S 15° 05' W 304.60 feet to a 12 inch green Norway pine tree with flat spot at base. Thence to sec. cor. thence in sec. 32 T 43 R 30 I run S 51° 27' E 115.10 ft to a 4 inch oak tree to flat spot at base. All corners are marked from the true sec. line, looking a mile North and 400 yds with a first class transit & steel tape. The old U.S. bearing trees which were planted here last year are being grubbed out and destroyed, and as the land owners who are grubbing over their lines in these sections may be the cause of the old U.S. trees & stump becoming lost I take these precautions to take new bearings and record the same here & go the benefit of future surveyors.

Done at the place above by John W. Auer assisted by J. P. Bates Aug 26-1920

Geo. L. L. July 26-1920

John W. Auer, Co. Surveyors.

Sections 14-15-22-23 Town 134 N Range 29 W 5th P.M.



FIELD NOTES.

Survey extends over sections 14-15-22-23 T 134 N R 29 W 5th P.M.

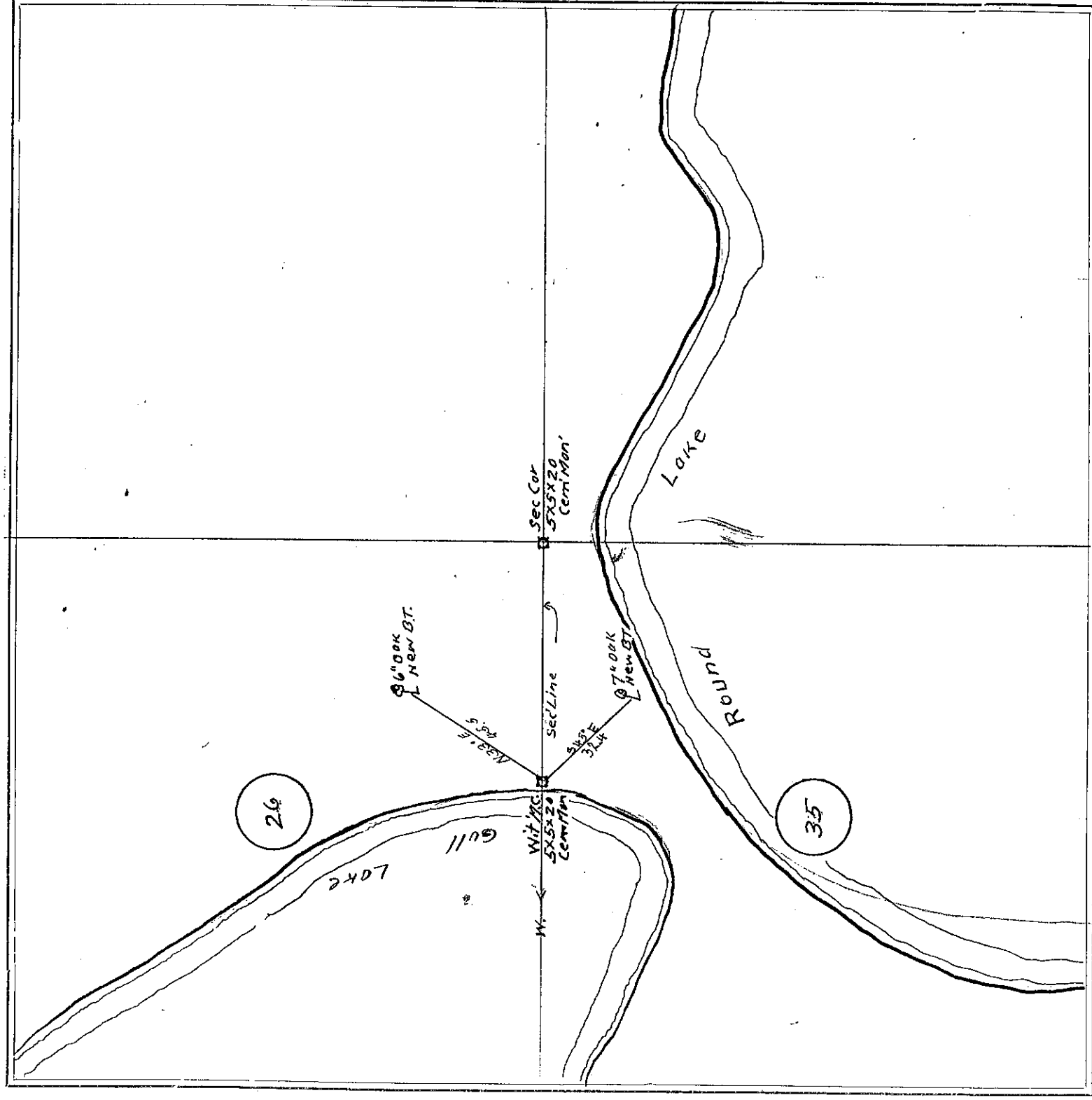
Field notes: At the corners to sec 14-15-22 & 23 T 134 N Range 29 W we found the stumps of all of the old U.S. bearing trees but as these stumps are nearly gone I set a 3x3x36 inch stake for the true sec cor with new bearings as follows. From the section cor of pine in sec 24 T 134 R 29 W 53° E 59.00 feet to a 6 inch jack pine tree with flat spot at base. thence back to sec cor, thence in sec 15 T 134 R 29 W 32° 30 W 18.65 ft to a 7 inch jack pine with flat spot at base. thence back to sec cor thence in sec 22 T 134 R 29 W 52° 30' W 60.57 ft to a 6 inch jack pine with flat spot at base, thence back to sec cor thence in sec 23 T 134 R 29 W 46° 30' E 53.05 ft to a 7 inch jack pine with flat spot at base thence back to sec cor.

Survey checked and
Recorded July 1st 1921

John W. Curran Co. Surveyors.

SURVEY No. 173

Sections 26-35. Town 135 N. Range 29 W. 5 PM



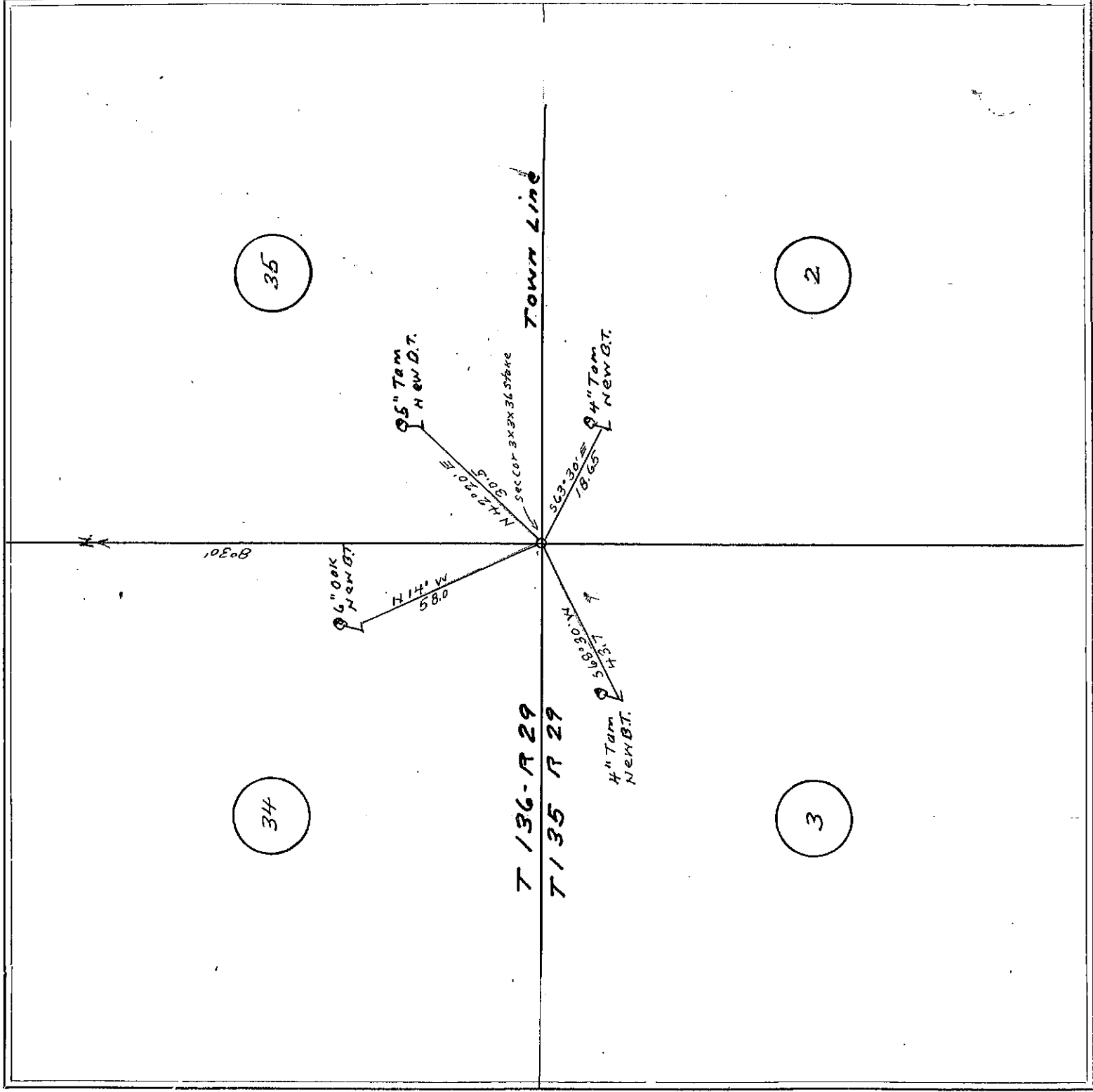
FIELD NOTES.

Survey extends over

Sections 26-35 T135 N. R. 29 W. 5 PM.

Field notes: At the Witness Meander corner on the East side of Gull Lake between sec 26 & 35 T135 N R29 W where surveyor glass set a cement monument a few years ago to mark the true sec line. I find that they could in washing away in such a way as to disturb this meander corner, which may become lost and I take new bearings to preserve the point as follows: The Witness Meander corner is 5' x 2' high cement corner with rod in top from which I run: in sec 26 T135 R29 N 33° E 45.47 feet to a 6 inch oak tree which I mark with flat spot at base. Thence back to corner thence I run in sec 35 T135 R29 S 45° E 32.35 ft to a 7 inch oak tree which I mark with flat spot at base, thence back to corner surveyed and recorded July 2-1920

John W. Curo Co Surveyors.



FIELD NOTES.

Survey extends over

Sections 2 and 3 T 135 N R 29 W and Sections 34-35 T 136 N R 29 W 5 PM.

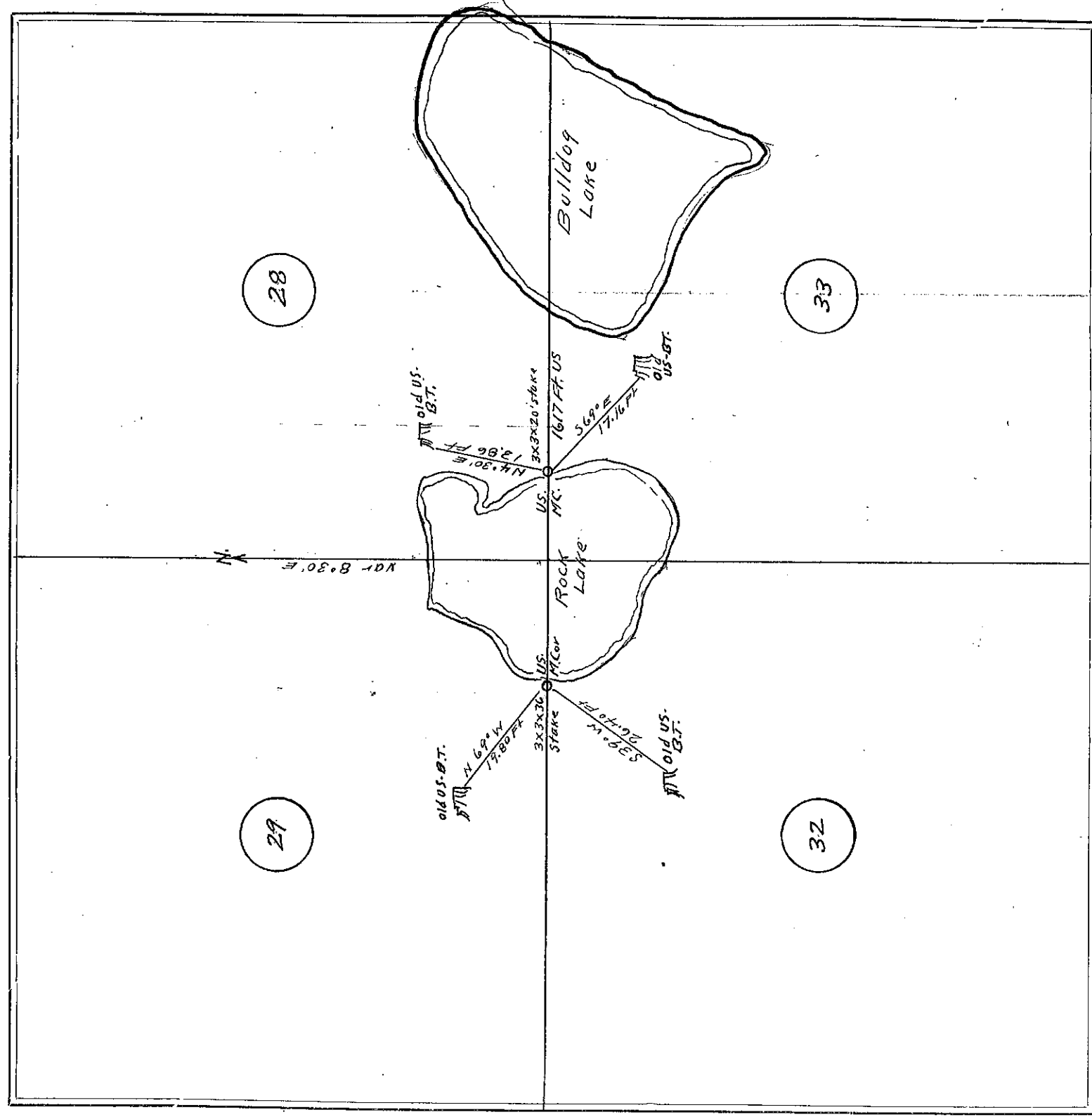
Field notes: At the corner to sec. 2-3-1835 between Twp 135 and 136 R 29 W I fixed the remains of the old stake established by me for the traverse cor. set from the stump of the old U.S. bearing tree which were plainly marked three years ago. Slightly find a part of the old stump but the fire have nearly destroyed them that any surveyor not familiar with this corner might not recognize the stump as the old U.S. bearing and in order to preserve the true corner I set a 3x3x36 inch stake in the swampy ground & mark new bearing trees as follows: From the corner I run in. sec 35 T 136 R 29 N 43° 20' E 30.5 ft to a 5 inch Lamarack tree which mark with a flat spot at base, thence back to sea cor. thence I run in sec 24 T 136 R 29 N 14° W 58.0 ft to flat spot at base of 6 inch oak tree; thence back to sea cor. thence I run in sec 3 T 135 R 29 S 68° 30' W 43.70 ft to flat spot at base of 4 inch Lamarack tree thence back to sea cor. thence I run in sec 2 T 135 R 29 S 63° 30' E 18.65 ft to flat spot at base of 4 inch Lamarack tree thence back to corner, corner set with Gurley compass Magnetic variation, reading 8° 30' E.

Survey finished and
Recorded July 3rd 1920

John W. Curo Co Surveyor.

SURVEY No. 175

Sections 28-29-32-33 Town 43 N Range 28 W 4 P.M.



FIELD NOTES.

Survey extends over Sections

20-21-28-29-32-33. 743 N. R28 W. 4 P.M.

Field notes. I am working for John Schandke in the establishment of sec corners old lines and a system of a search for old U.S. bearing trees in Twp 43 N. Range 28 W. 4th P.M.

Rock Lake by 171920 we go to the corner of the West bank of Rock Lake being the U.S. Meander corner between sec 29-32 T43 R28 where we find the stump of both old U.S. bearing trees from which I set a 3x3x36 inch birch stake for the true M.C. by flat chain from face of figures on the old stump then a check we run in section 29 T43 R28 from the Meander post N 69° W 19.80 ft to stump of old B.T. thence back to

" " Corner thence from in sec 32 S 39° W 2640 ft to stump of old B.T. which shows that the Meander corner is correct.

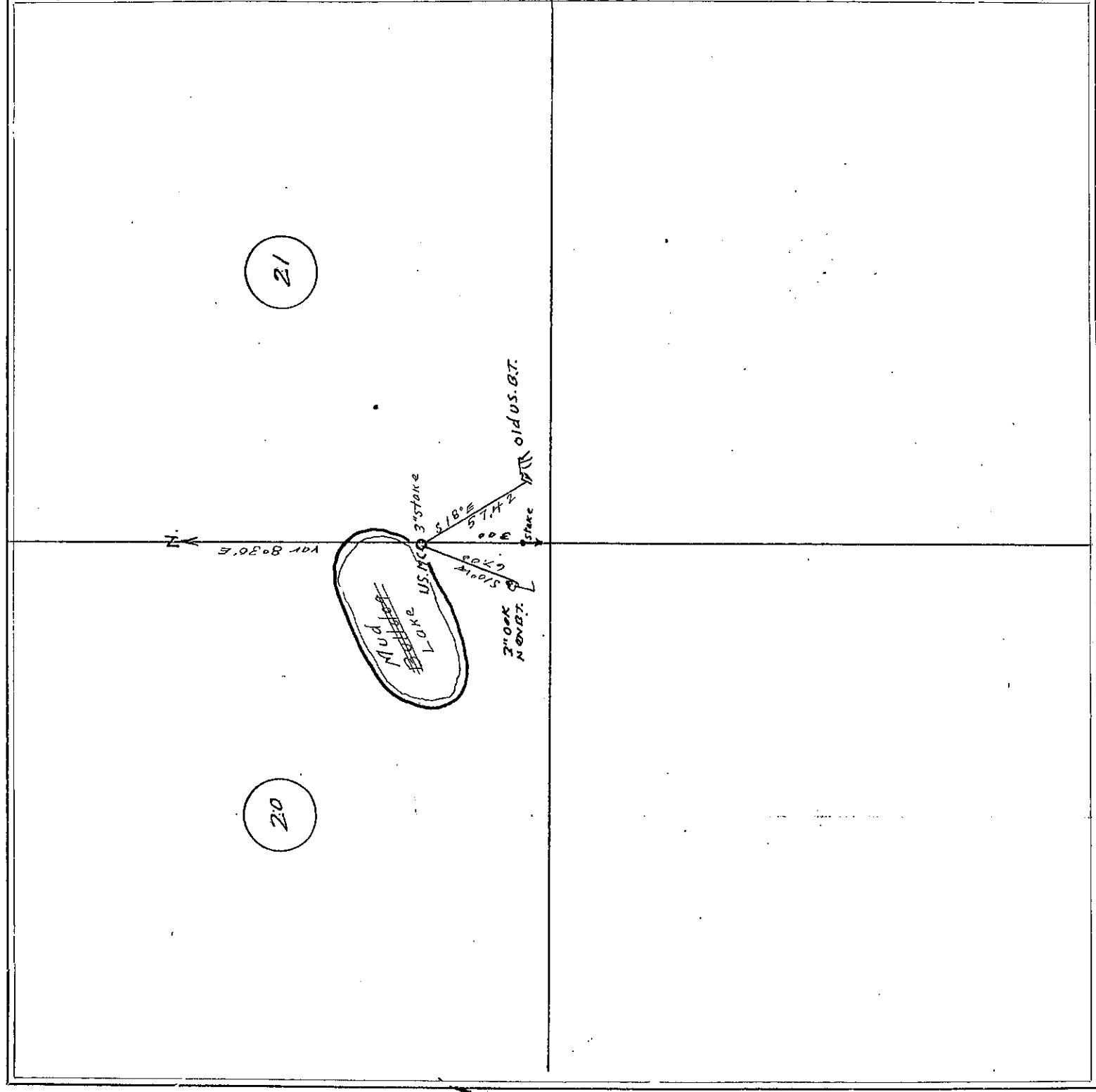
By rough triangulation I get the line East across Rock Lake where I find the stump of both old U.S. bearing trees from which I set a 3x3x36 inch pine stake for the true M.C. on the East shore of Rock Lake bet sec 28-33 T43 R28 by flat chain from face of both old stumps and as a check on the position of the stump from the Meander post from

SURVEY No. 175 continued

Sections 20-21

Town 43 N

Range 28 W 4 PM



FIELD NOTES.

In section 28 T 43 R 28 N 43 W E 13.86 ft to stump of old B.T. (horise back to corner) then and run in sec 33 T 43 R 28 S 69° E 17.16 ft to stump of old B.T. thence back to corner from which we run East between sections 28 and 33 T 43 R 28 16.17 ft and look for the U.S. Meander corner on the West side. Bull Dod Lake bet sec 28-33 but saw find nothing.

At the Meander corner on the South side of Mud Lake bet sec 28 & 21 T 43 R 28 locate the point for the Meander corner from the stump of the old S E bearing tree and set a 3 inch stake for the Meander corner from which I mark bearings as follows: From the point I run in section 28 T 43 R 28 S 10° W 67.00 ft to a 3 inch oak tree, thence back to corner post. thence I run in sec 21 T 43 R 28 S 18° E 57.42 ft to stump of old B.T. plainly marked thence back to corner from which I run South bet sections 28 & 21 T 43 R 28 a distance of 300 feet and set a stake from which Smoke will get his own line South

Survey finished checked and recorded July 19th 1920

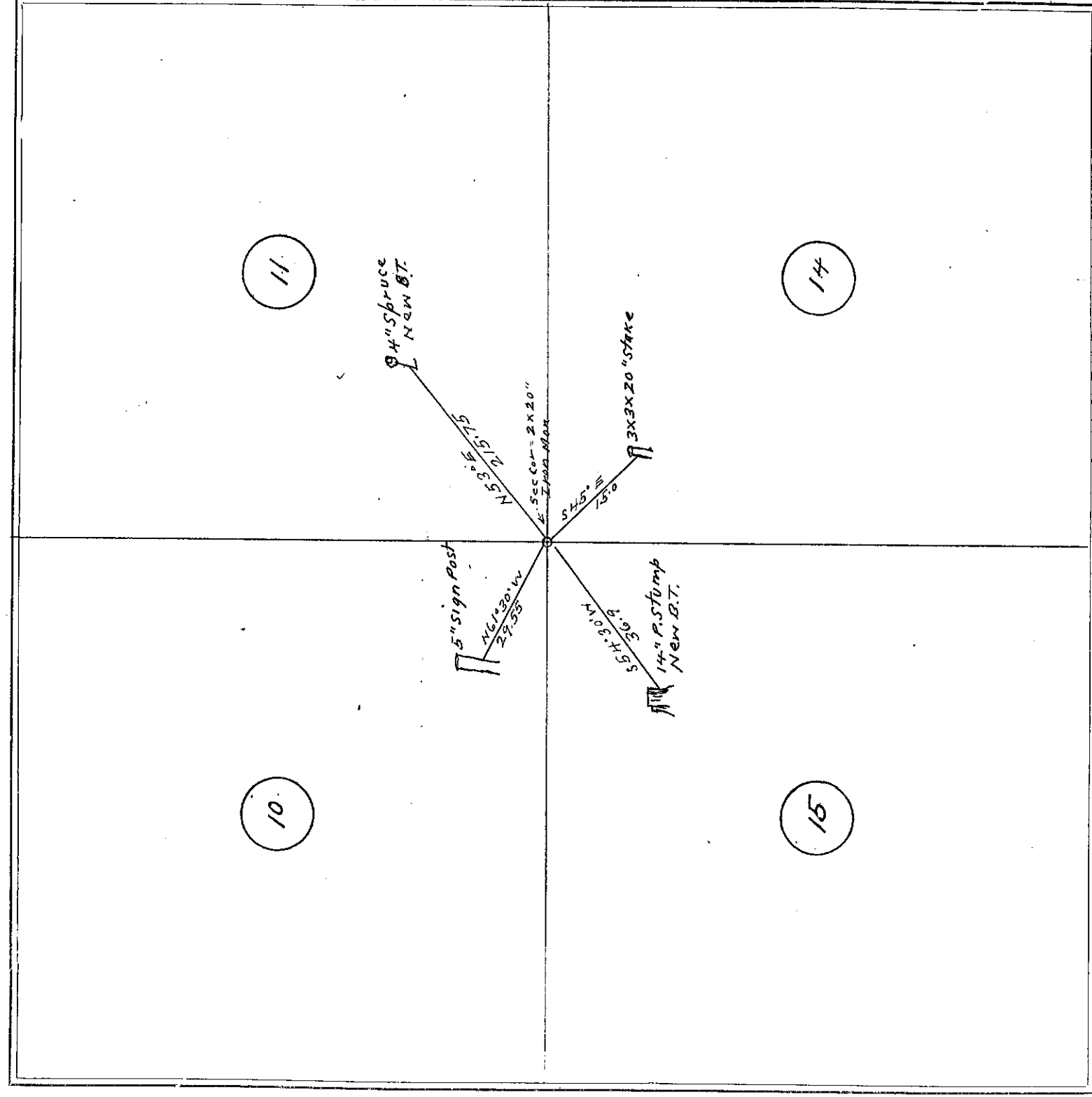
John W Curo Co, Livingston.

SURVEY No. 176

Sections 10-11-14-15

Town 138 N

Range 25 W 5 P.M.



FIELD NOTES.

Survey extends over

Sections 10-11-14-15-19-20-23-24-25-26-29-30- T138 N R25 W 54 P.M.

August 1st 1920, I came working for Little Pine Lumber Co. in reestablishing obliterated section corners caused by road grading assisted by Geo. Hughes and Ralph Miles.

At the corner to Secs 10-11-14-15 Iup 38 N R25 W Hughes dug up the iron pipe set in the 7x8 road grade for the true corner and as there has been some difficulty in locating this corner at various times and as the road dragged is liable to take it out I mark new bearings as follows:

4-inch spruce tree, N 53° E 215.75 feet in sec 11.

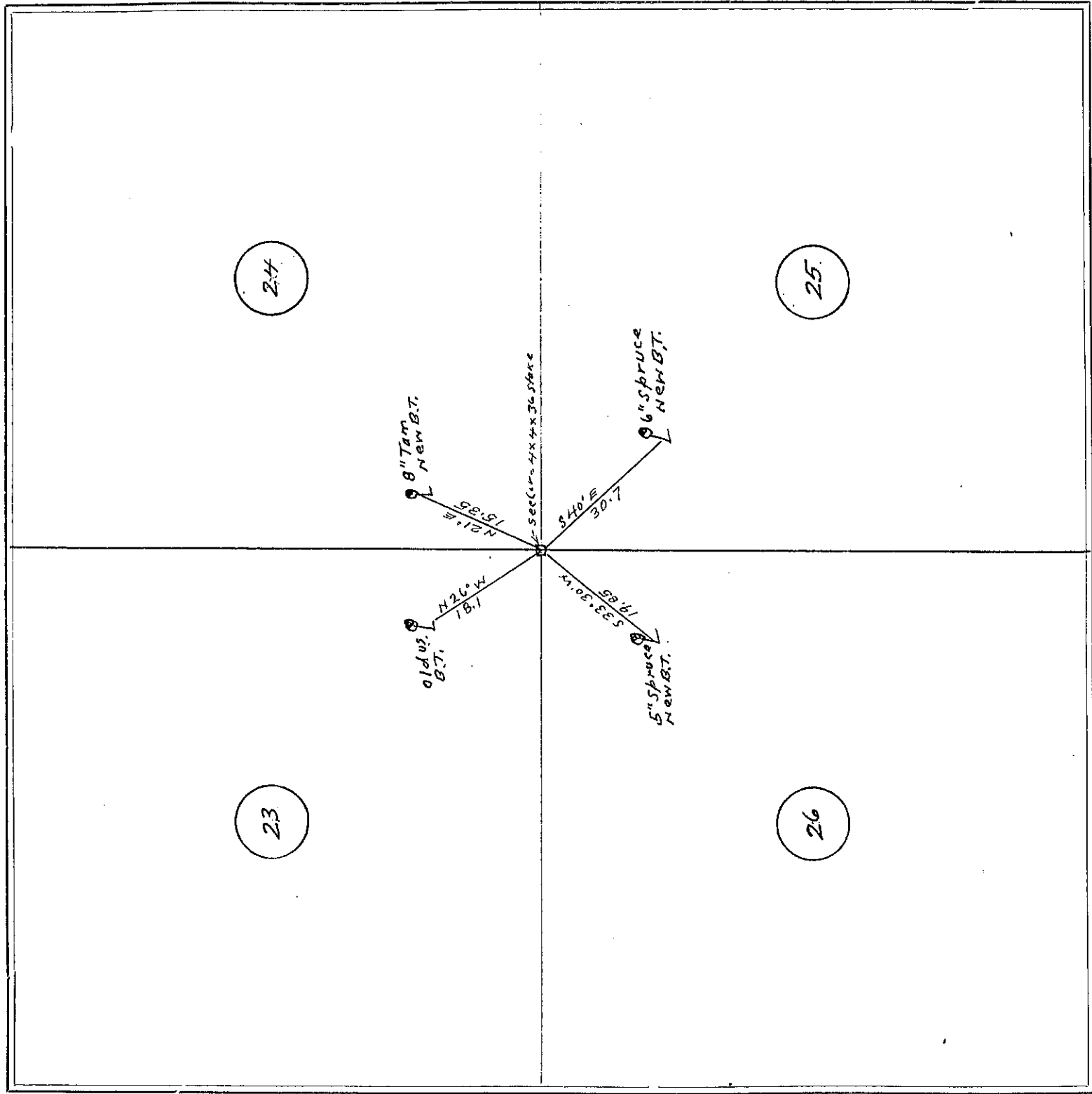
5 " " sign post N 61° 30' W ~~36.90~~ 27.55 " " 10

14 " " pine stump S 54° 30' W 36.90 ft. in sec 15

3x3x16-in stake S 45° E 15.00 feet in sec. 14. From the iron pipe corner I run the line in each section as shown by the plat herewith from the corner to the bearing in each section and back to the section corner and find course and distance correct. All @ 9° var.

SURVEY NO. 176 continued

Sections 23-24-25-26 Town 138 N Range 25 W 5 PM

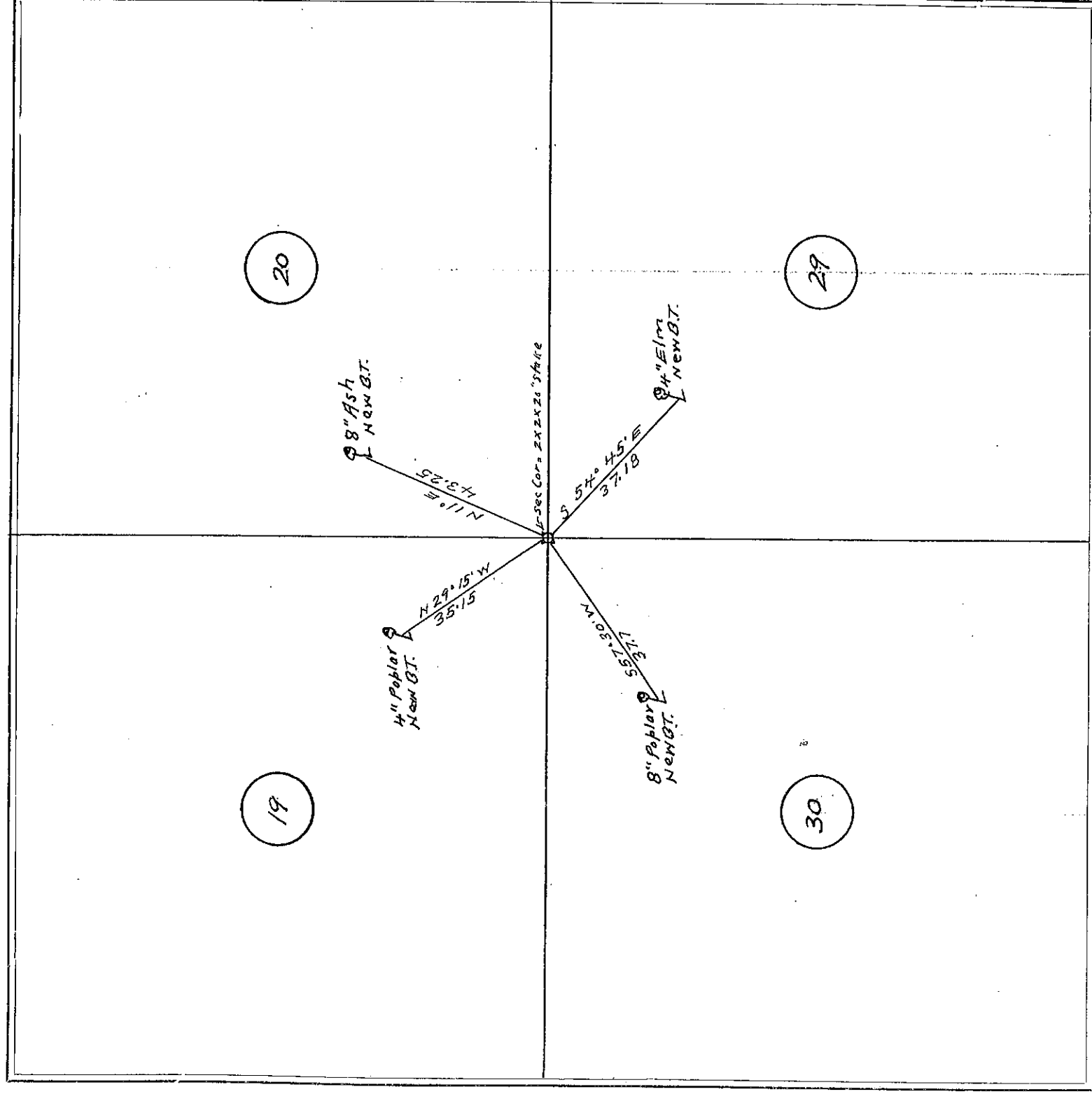


FIELD NOTES.

August 2nd 1920. Ralph Wiley assisting at the corners to sections 23-24-25-26 T 138 R 25 S. find the old platkey set in the E & W road grade. I also find the N.W. & S.E. old U.S. bearing tree & partly marked but badly decayed and from the section corner I take new bearings as follows: From the sec. cor. Spruce sec 24 T 138 R 25 S 21° E 15.35 ft to an 8 inch dead tan arched tree then back to corner then sec 26 T 138 R 25 S 33° 30' W 19.85 ft to 5 inch spruce then back to corner then sec 25 T 138 R 25 S 34° 1' 30.78 ft to 6 inch spruce then back to corner then from which from sec 23 & 26° W 18.10 ft to old U.S. B.T. which is correct for distance proportioned with the stump of the old U.S. B.T. at 8° 30' var alt in T 138 R 25 S

SURVEY No. 176

Sections 19-20-29-30 Town 138 N Range 25 W 5 P.M.



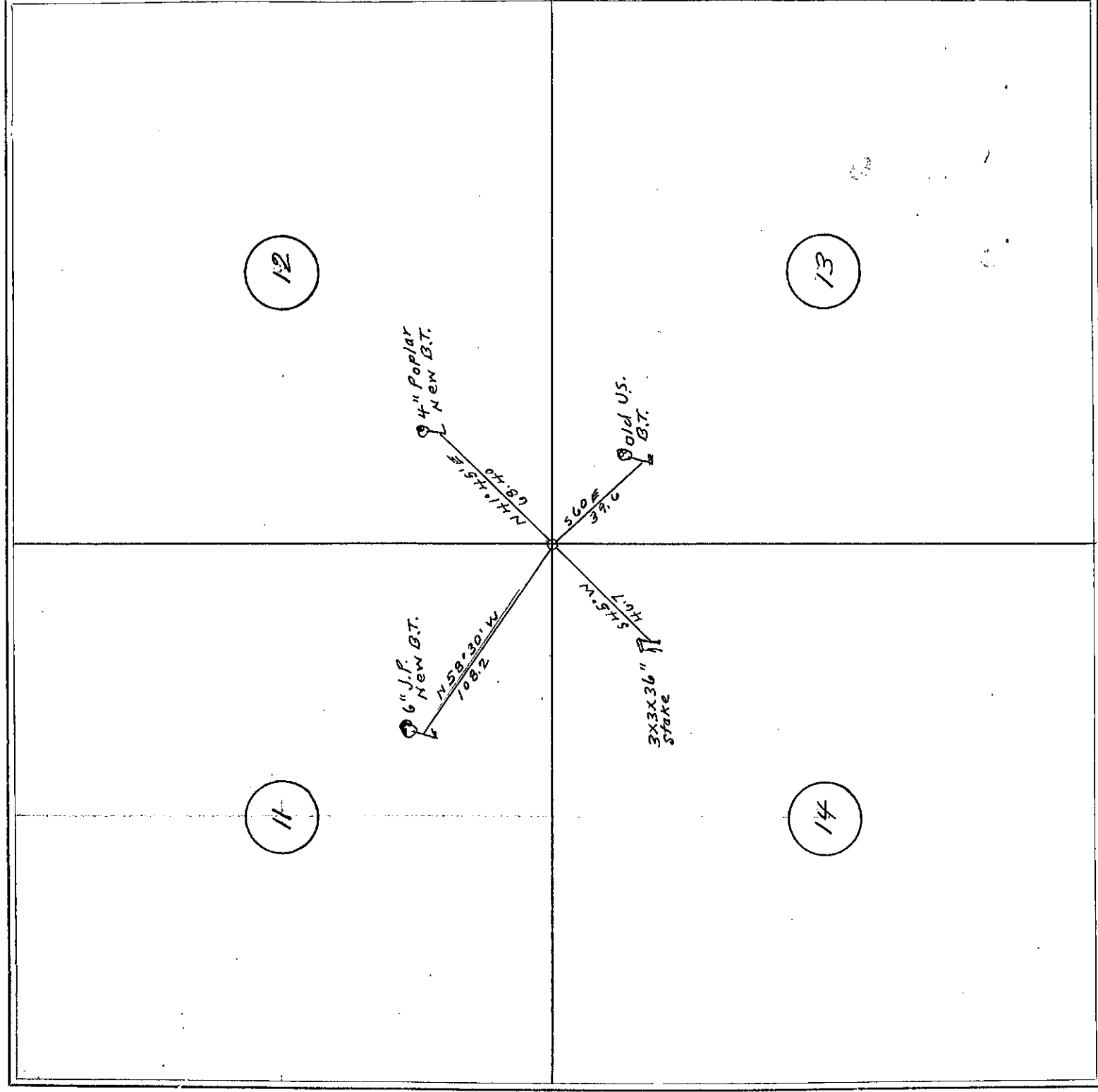
FIELD NOTES.

At the corners to sections 19-20-29-30 T138, Rg 25-
 I found the stump of the old poplar N.W. bearing tree from which
 I set a small stake in the E.W. graded road for the true section
 corner and mark new bearings as follows:
 8" ash N 11° E 43.25 ft. in sec 28
 Old Stump N 15° W 16.50 ft. in sec 19.
 4" poplar N 29° 15' W 35.15 ft. in sec 19
 8 " " " S 57° 30' W 37.70 ft. in sec 30
 4 " " " S 54° 45' E 37.18 ft. in sec 29. I then rerun all lines
 in each section as shown by the plat and find same correct.
 all in T138, Rg 25.
 Surveyed August 1st and 2nd, 1920.
 Recorded Aug 4, 1920

John W. Cuss Co. Surveyors.

SURVEY No. 177.

Section 3. 11-12-13-14 Town 138 N. Range 26 W 5 PM



FIELD NOTES.

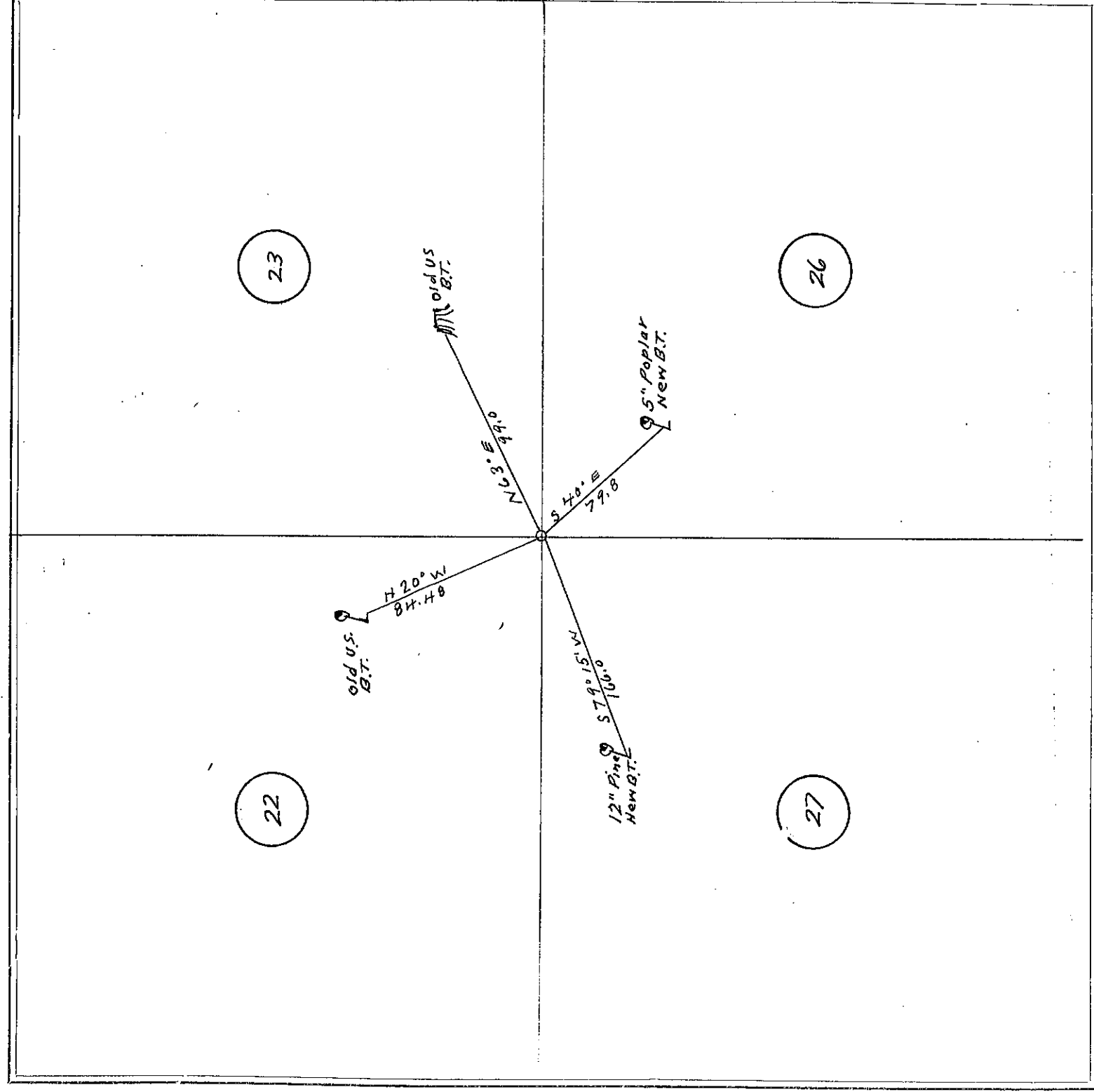
Field notes: At the corner to sections 11-12-13-14 the corner post has been lost in the construction of a road running N 8 accross as marked & only one of the old U.S. bearing trees left; I set a 3X3X36 inch stake for the true sec corner from the old S.E. C.T. and marked new trees as follows: 4 inch poplar in 41° 45' E 68.40 ft in sec 12. 6 inch jack pine N 58° 30' W 18.20 ft in sec 11. 3X3X36 inch stake S 45° W 46.7 ft in sec. 14 to mark road limit. Old U.S. pine B.T. S 66° E 89.6 ft in sec 13 survey extends over each section as shown by the plat herewith all in T 138 R 26.

SURVEY No. 177

Section 5 22-23-26-27

Town 138 N

Range 26 W 5 PM



FIELD NOTES.

At the corner to sections 22-23-26-27 T138 R26 we found the well got't. bearing tree standing plainly marked and the stump of W. E. goat tree. Chimly marked from the two sets a 3x3x24 inch stake for the true sec. corner by flat chain from face of figures after which both bearing trees stand perfect for course and distance @ 5° 30' var.

Old mark new B.T.s as follows:

Old B.T stump N 63° E 99.00 ft in sec 23

" 243.6 inch pine B.T. N 28° W 84.48 ft in sec 22.

12 inch pine S 79° 15' W 166.00 ft in sec 27.

5 inch poplar S 40° E 79.80 ft @ 5° 30' var E.

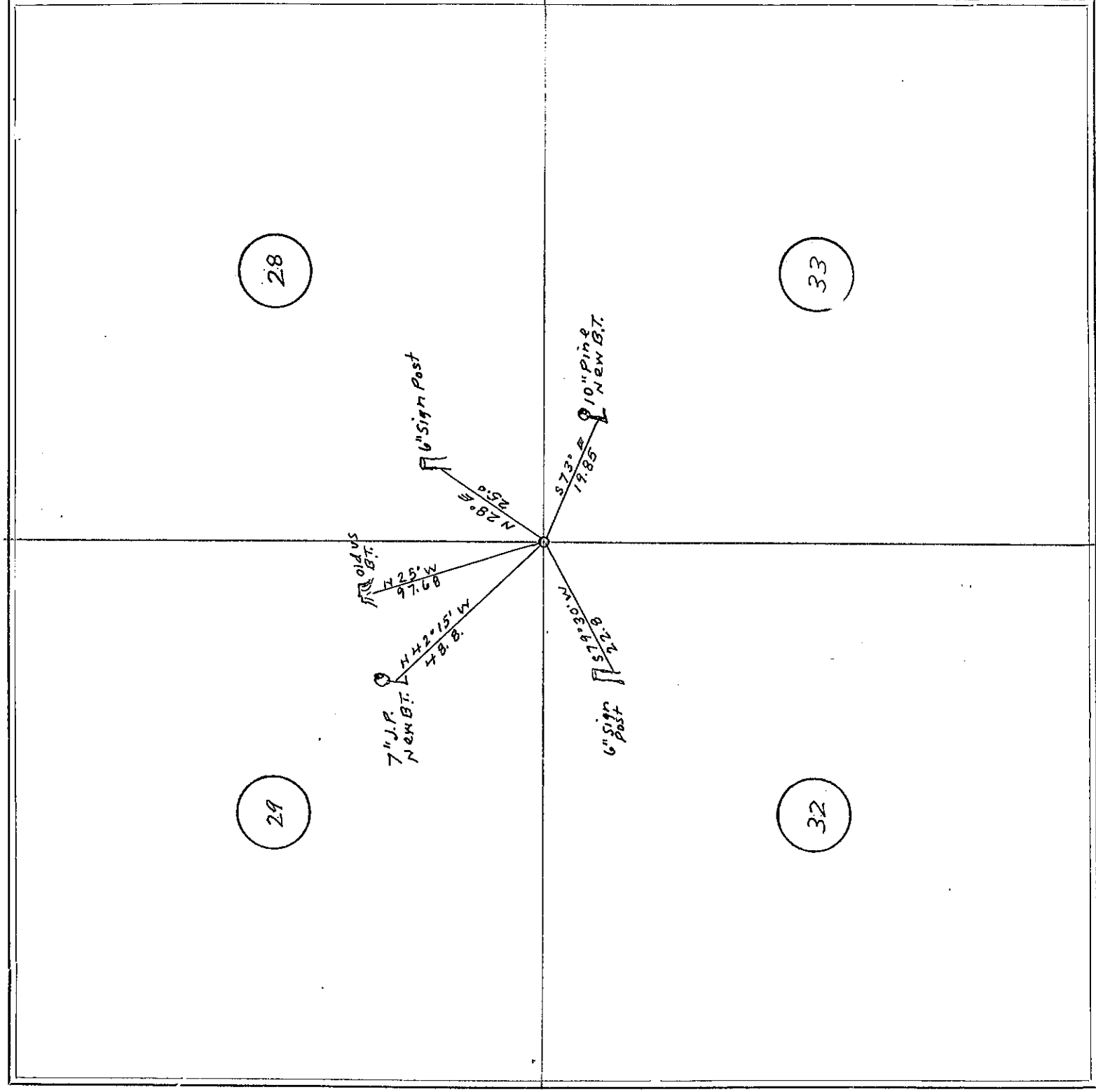
Survey extends over each section as shown by the plat herewith all in T138 N R26 W 5th P.M.

SURVEY No. 177

Sections 28-29-32-33

Town 138 N

Range 26 W 5 P.M.



FIELD NOTES.

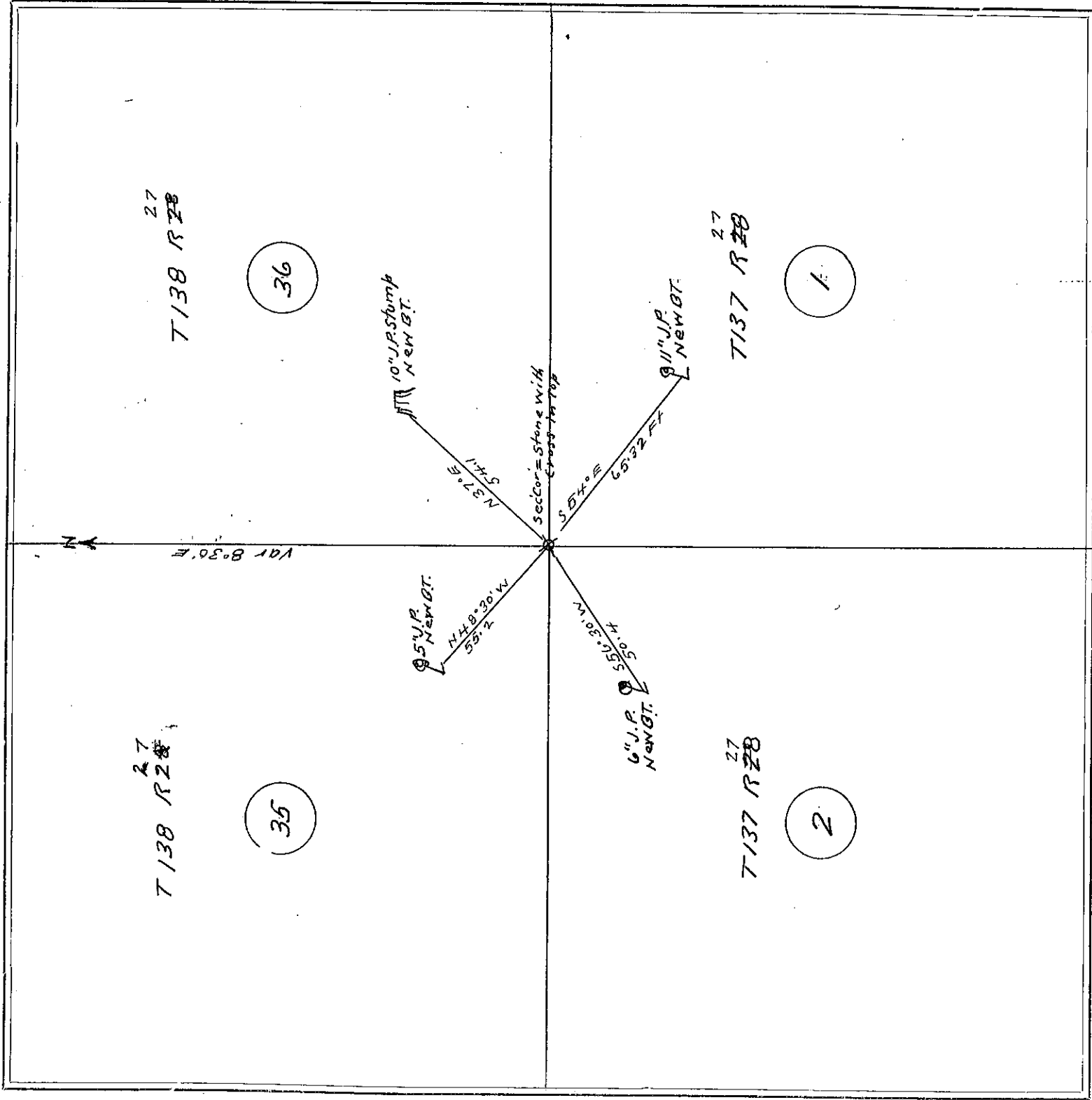
At the corner to sections 28-29-32-33 T 138 N R 26 we find the stump of the 20 inch Y pine called for in the U.S. field notes from which we set a 2x16 inch stake for the sec corner @ 8°50' war and mark new B.T., viz. 6 inch sign post N 28° E 25.00 ft in sec 28 stump of old B.T. N 25° W 97.68 ft in sec 29 7 inch jack pine N 42° 15' W 48.80 ft in sec 29 6 inch sign post S 79° 30' W 22.8 ft in sec 32 10 .. pine S 73° E 19.85 ft in sec 33. the plat herewith all in T 138 N R 26

Survey checked finished and recorded July 7-1920

John W Curo Co. Surveyors.

SURVEY No. 178

Sections 35-36 Town 138^N Range ~~28^W~~ ^{27^W} 5 PM
 also " 1 and 2 " " " "

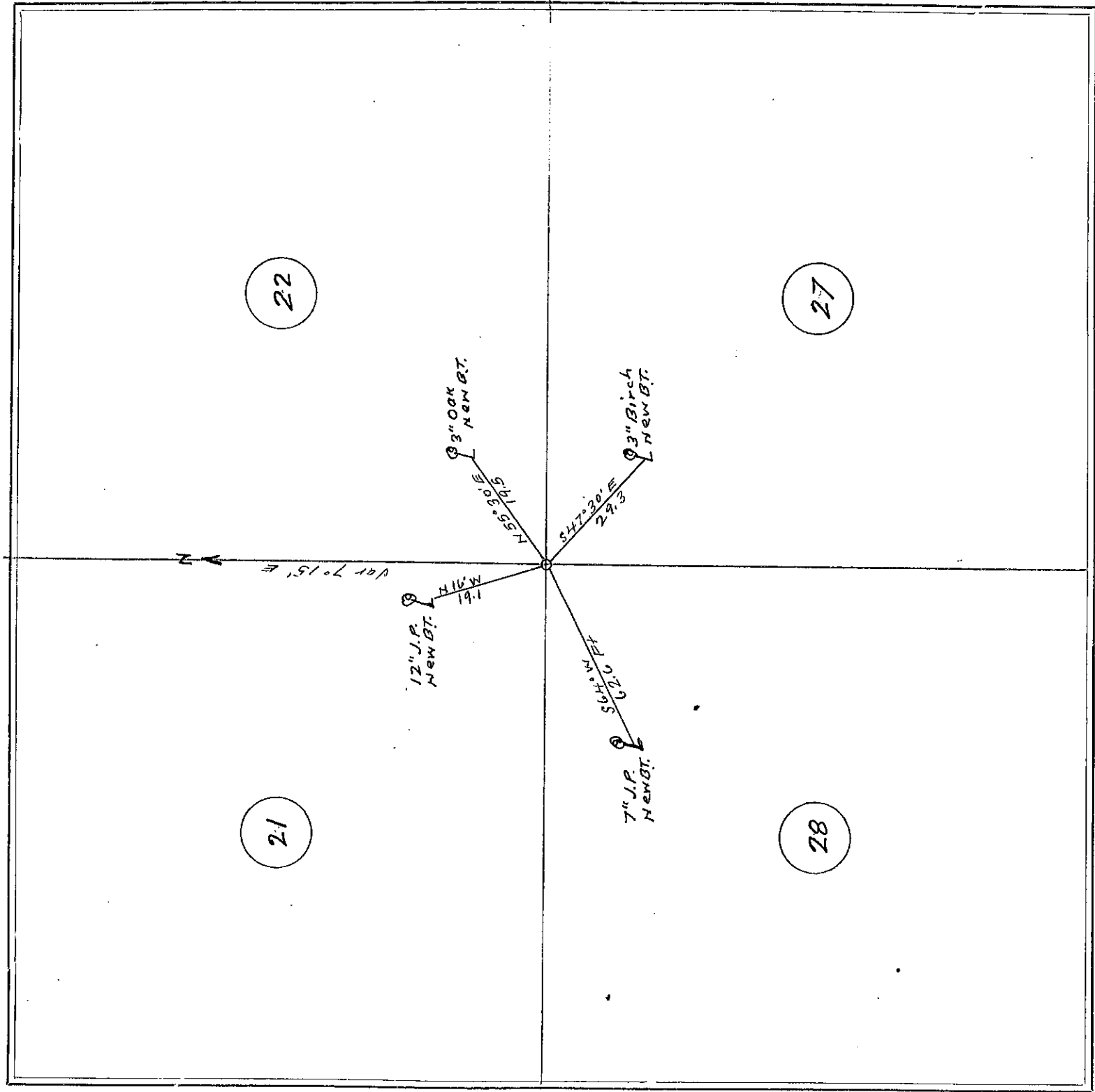


FIELD NOTES.

At the corner to sections 1-2-35-36 between Twp 137 & 138 N R ~~28~~²⁷ W we find a stone (+) with cross in top set for the sec cor, and as the N & S road grade has taken out the N & S bearing trees we mark new ones as follows: @ 8° 30' var. E. 18 inch Jack pine stump N 37° E 54.10 ft in sec 36 T 138 R 28.
 5 " " " " N 48° 30' W 55.20 ft in sec 35 T 138 R 28.
 6 " " " " S 56° 30' W 58.40 ft in sec 2 T 138 R 28.
 11 " " " " S 54° E 65.32 ft in sec 1 T 138 R 28.
 Survey extends over each section as shown by plat herewith

SURVEY No. 178

Sections 21-22-27-28 Town 137^N Range 28^W 5 PM



FIELD NOTES.

At the corners to sec's 21-22-27-28 T137-R28 we find all the U.S. trees dug out in a road grade except the stump of the W.W. tree still marked from which I set a 3x3x20 inch stake for the true corner and mark new bearings as follows:

3	inch oak	N 55° 30' E	19.50 ft	in sec 22.
12	"	Jack pine	N 16° W	19.10 ft in sec 21
7	"	"	N 56° 40' W	62.6 ft in sec 28
3	"	Birch	S 47° 30' E	29.30 ft in sec 27 T137 R28 W

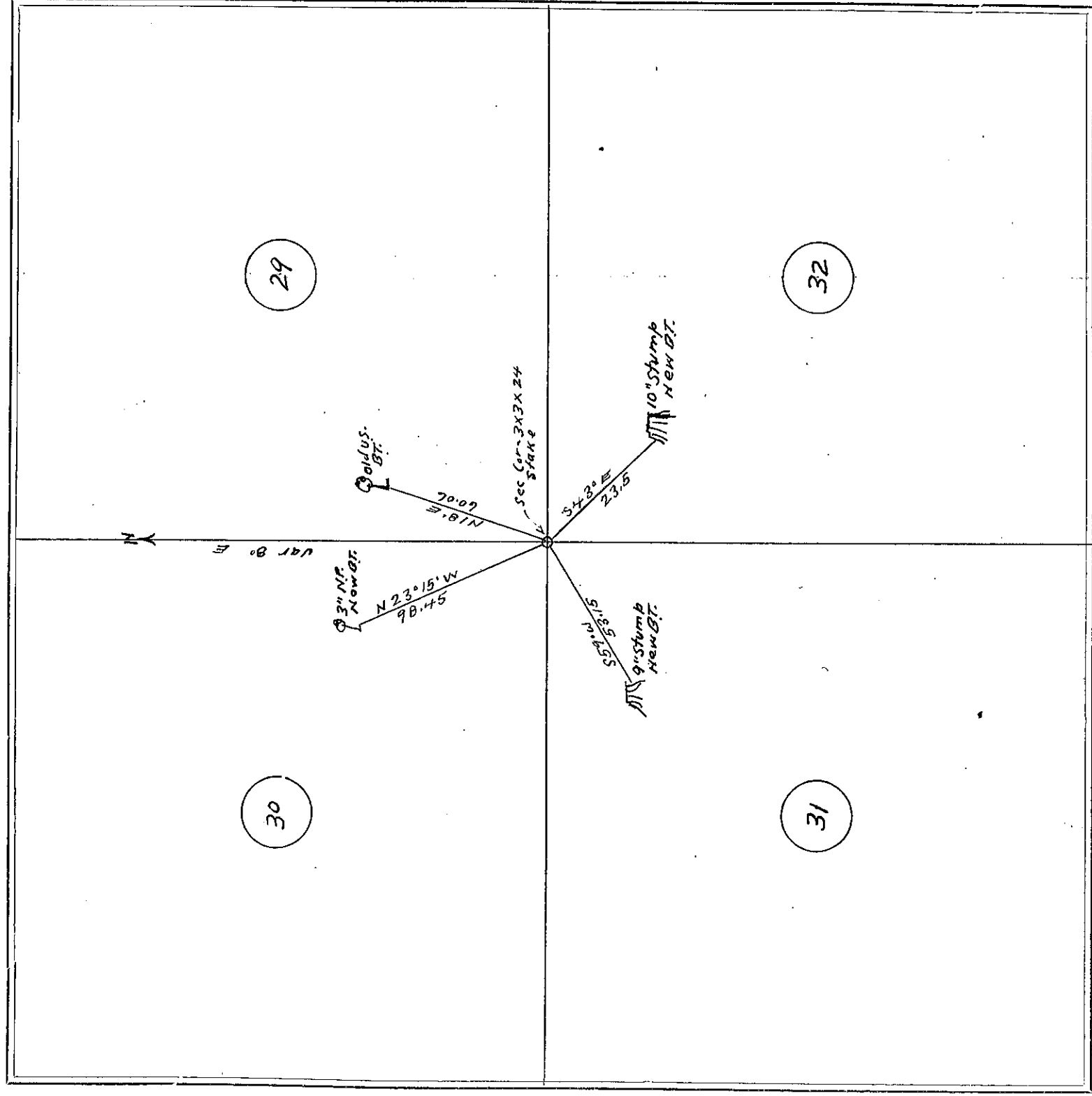
Survey extends over each section as shown by this plate.

SURVEY No. 178

Sections 29-30-31-32

Town 137 N

Range 28 W 5 PM

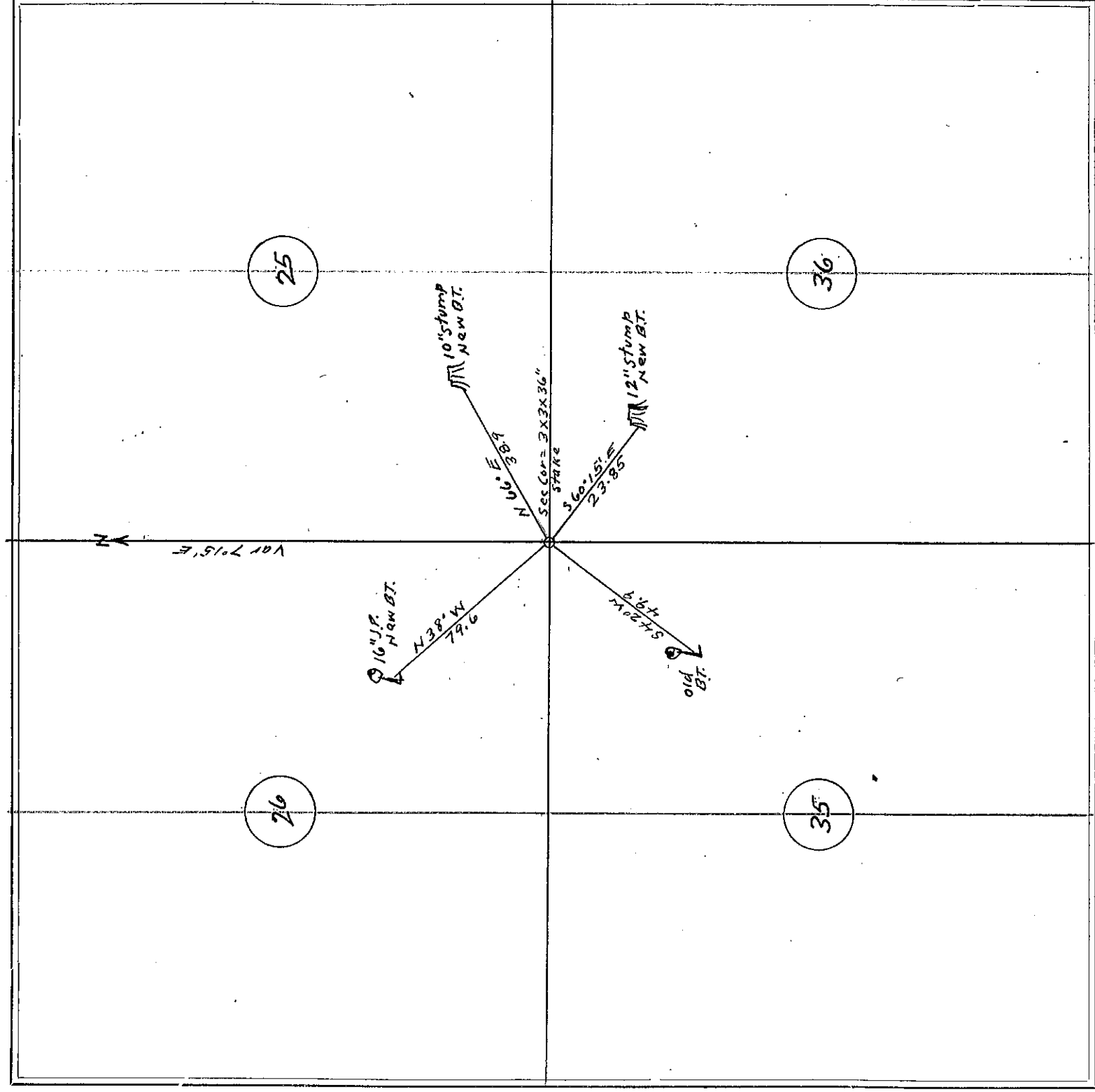


FIELD NOTES.

At the corner to sections 25-26-35-36 T137 R28 we find the old A.G. bearing tree standing S.W. and the stumps of both of the other pines from which I set a 3x8x36 inch stake for the true corner and mark new B.T.s viz: @ $7^{\circ} 15'$ var E.
 10 inch pine stump $N 66^{\circ} E$ 38.90 ft in sec 25
 16" Jack pine $N 38^{\circ} W$ 79.60 ft in sec 26
 Old A.G. bearing tree $S 42^{\circ} W$ 42.90 ft in sec 35
 62 inch pine stump $S 60^{\circ} 15' E$ 23.85 in sec 36
 Old A.G. B.T. stp $S 67^{\circ} E$ 19.80 ft in T137 R28
 Survey extended over each section as shown by this plat.

SURVEY No. 178

Section 25-26-35-36 Town 137 N Range 28 W 5 P.M.



FIELD NOTES.

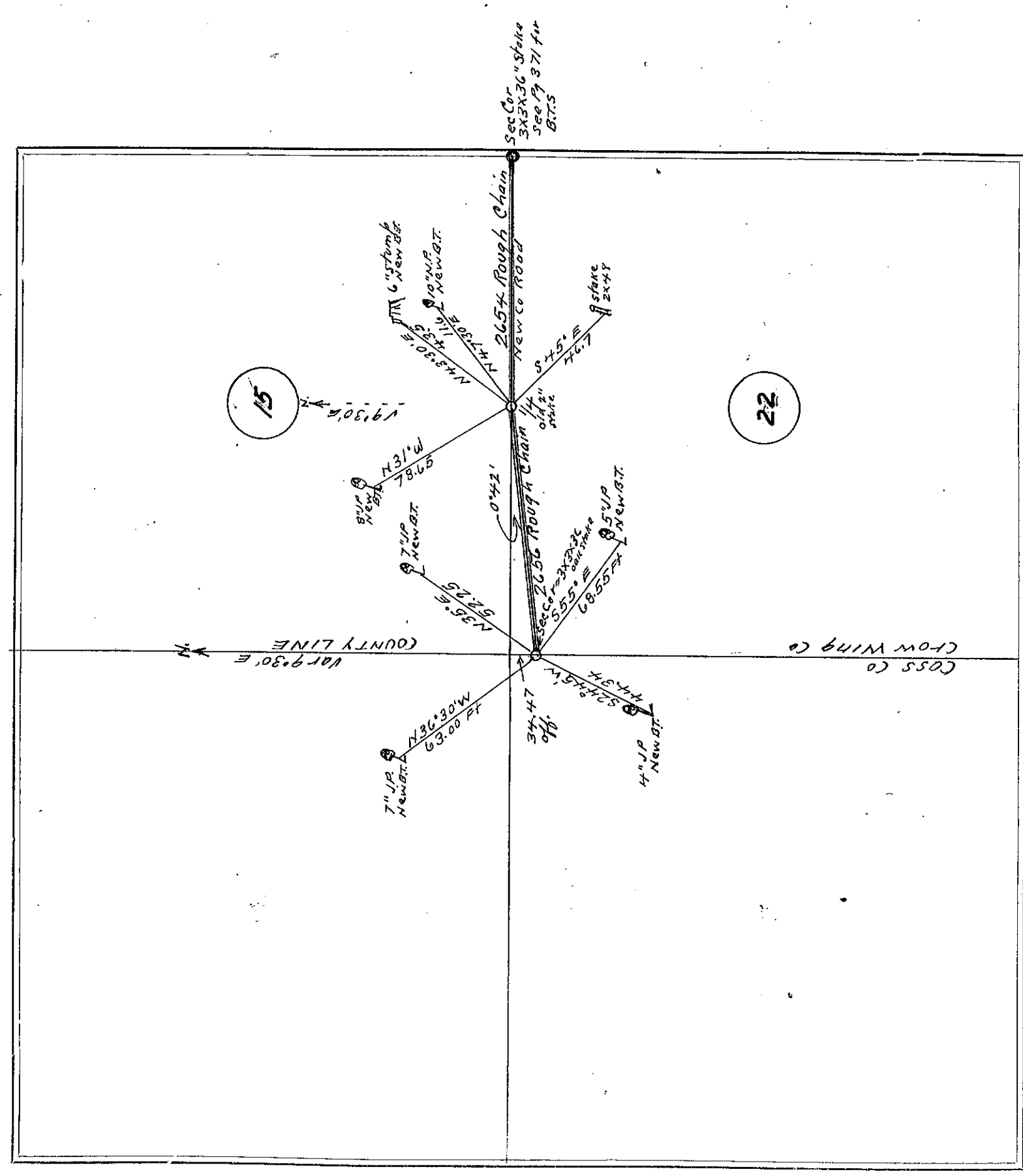
At the corner to sections 29-30-31-32 T137 R28 we find the N.E. good B.T. call'd for in the U.S. field notes, being marked from which I set a 3x3x24 inch stake for the tree corner with new B.T.S. viz.
 Old U.S. B.T. N. 18° E 60.6 ft in sec. 29.
 10 inch stump N 15° E 46.90 ft in sec. 29.
 3 " pine " N 23° 15' W 98.45 ft in sec. 30.
 9 " " S 59° W 53.15 ft in sec. 31.
 10 " " S 43° E 23.50 ft in sec. 32 T137 R28
 Survey extends over each section as shown by the plat, herewith.

Survey finished checked and recorded July 12-1920

John W. Curo Co Surveyor.

SURVEY NO. 179

Sections 15-22 Town 134 N Range 29 W 5 PM



FIELD NOTES.

Survey extends over

Sections: 13-14-15-22-23-24 T 134 N R 29 W 5 PM Crown Wing Co Minn

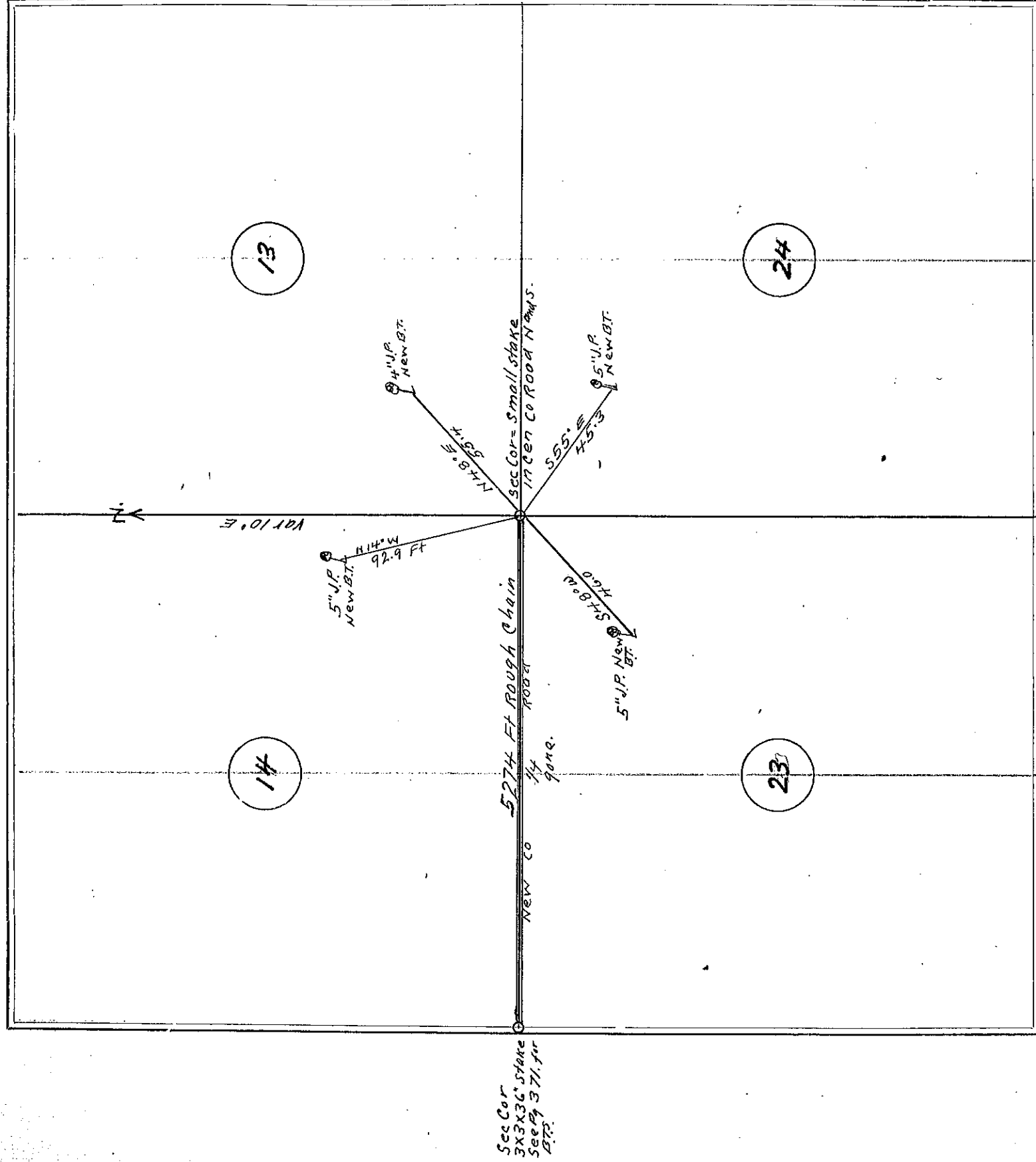
At the corner to sec 13-14-23-24 T 134 N Range 29 W 5th P.M. wing drive a small stake at a point previously established by C.W. M. Oth. Rg engineers set from the old U.S. bearing of trees for the true section corner. This corner comes in the center of state highway No 7 at a point in line with an old ferry landing East and the center line of a newly graded road leading West.

From this section corner I mark new bearings as follows:

4 inch Jack pins	N 48° E	55.4 ft in sec 13
5 "	N 14° W	92.9 "
5 "	S 48° W	46.0 "
5 "	S 55° E	45.3 "

All in T 134 Rg 29 chained perfect courses taken with compass @ 10° var E.

At the corner to sections 14-15-22-23 T 134 Rg 29 has been previously established I run a perfect transit line between sections 14 & 23 for a county road and set hubs and tall stakes for the true section line marked "road center" total length of line between sec. 14 & 23 is 2574 ft not chained with plumb-bob and called "rough chain". The 1/4 corner between sec. 14 & 23 is gone.



FIELD NOTES.

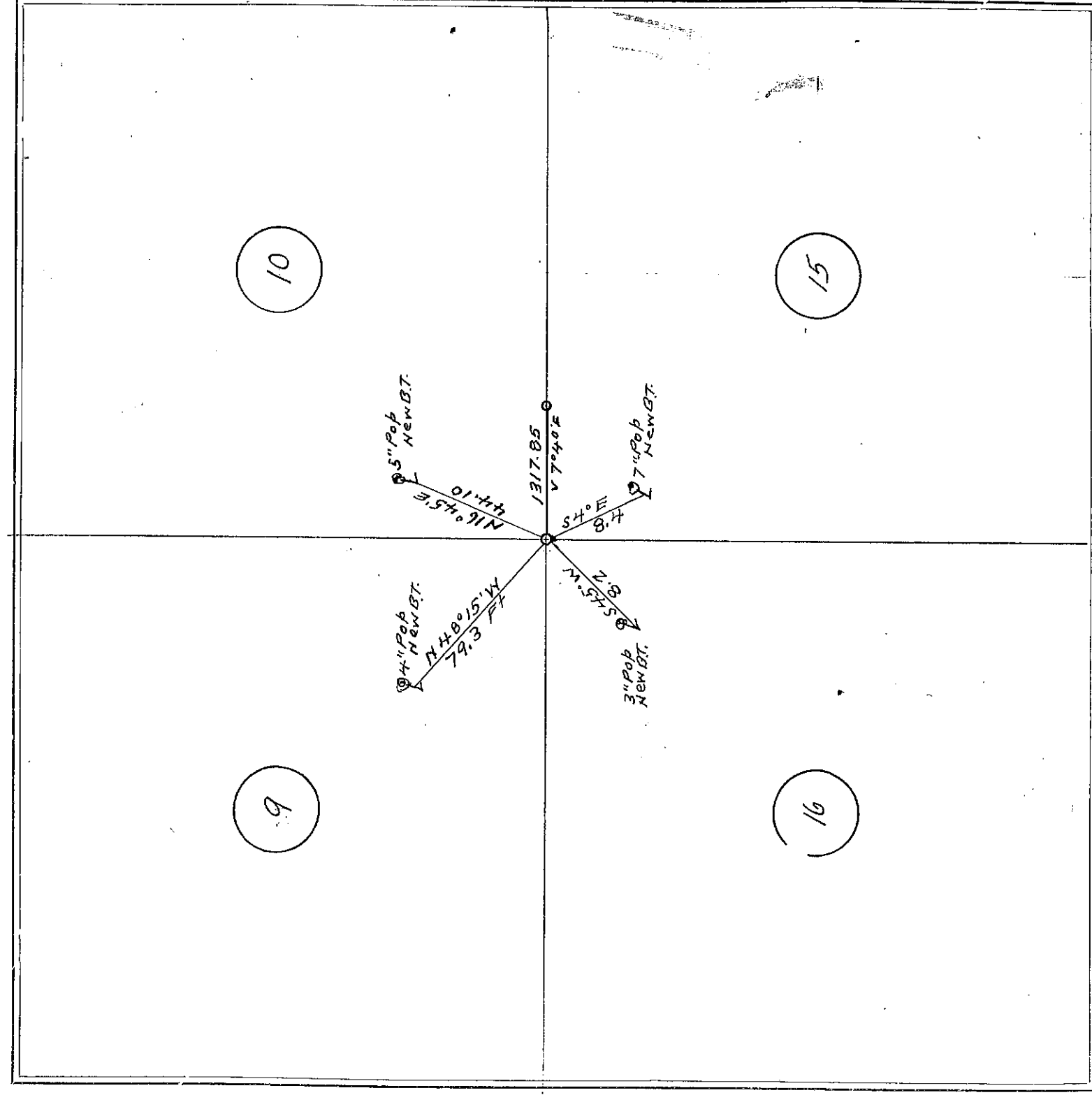
At the corner 14 bet secs 15 & 22 T 134 Rg 29 W I find an old stake well scribed setting in the NW cor of an old fence & from this stake the stump of the old N.E. bearing tree sets perfect for course & distance. I mark new bearings as follows:

10 inch norway pine ~ 47° 30' E 11.6 ft
 6 " pine stump ~ 43° 30' E 43.5 ft.
 8 " Jack pine ~ 31° W 79.5 ft.
 2 x 48 " stake S 45° E 46.7 ft. Chained perfect set with compass @ 9° 30' var E. From this 1/4 cor we run a line of hubs and tall stakes along the true sec line half a mile East to corner of sec 14-15-22-23 and find the distance 2654 ft rough chain. At the cor to sec 15-16-21-22 T 134 Rg 29 on the Cass Co Crow Wing Co line I find the stump of the old S.E. BT. plainly marked from which I set a 2x2x36 inch oak stake for the true sec cor and mark new bearings as follows:-

7 inch Jack pine ~ 35° E 52.25 ft in sec 15
 7 inch Jack pine ~ 36° 30' W 63.0 ft.
 4 " " " S 24° 45' W 44.34 ft.
 5 " " " S 55° E 68.55 ft. in sec 22.
 all in T. 134 Rg 29 chained perfect courses turned with compass @ 9° 30' var E. With transit at 1/4 cor bet secs 15 and 22 back sight half a mile East on sec cor and run random line West bet 15 & 22. At 2656 ft West rough chain the cor to sec 15-16-21-22 bears South 34.47 ft showing that there is a rock of 0:21 1/2 left. running West from the 1/4 corner we correct up and stake the West half mile bet 15 & 22 with good hubs and tall stakes marked "true sec line" road cutters. As a check on over bearing trees I set up iron survey over each section as shown by plates herewith. Survey finished and recorded Aug. 13-1928 John W. Curo. A. A. Johnson

SURVEY No. 180

Sections 9-10-15-16 Town 138 N Range 28 W 5 PM.



FIELD NOTES.

Survey extends over

Section 9-10-11-12-13-14-15-16-22-23-26-27-34-35 T 138-R28

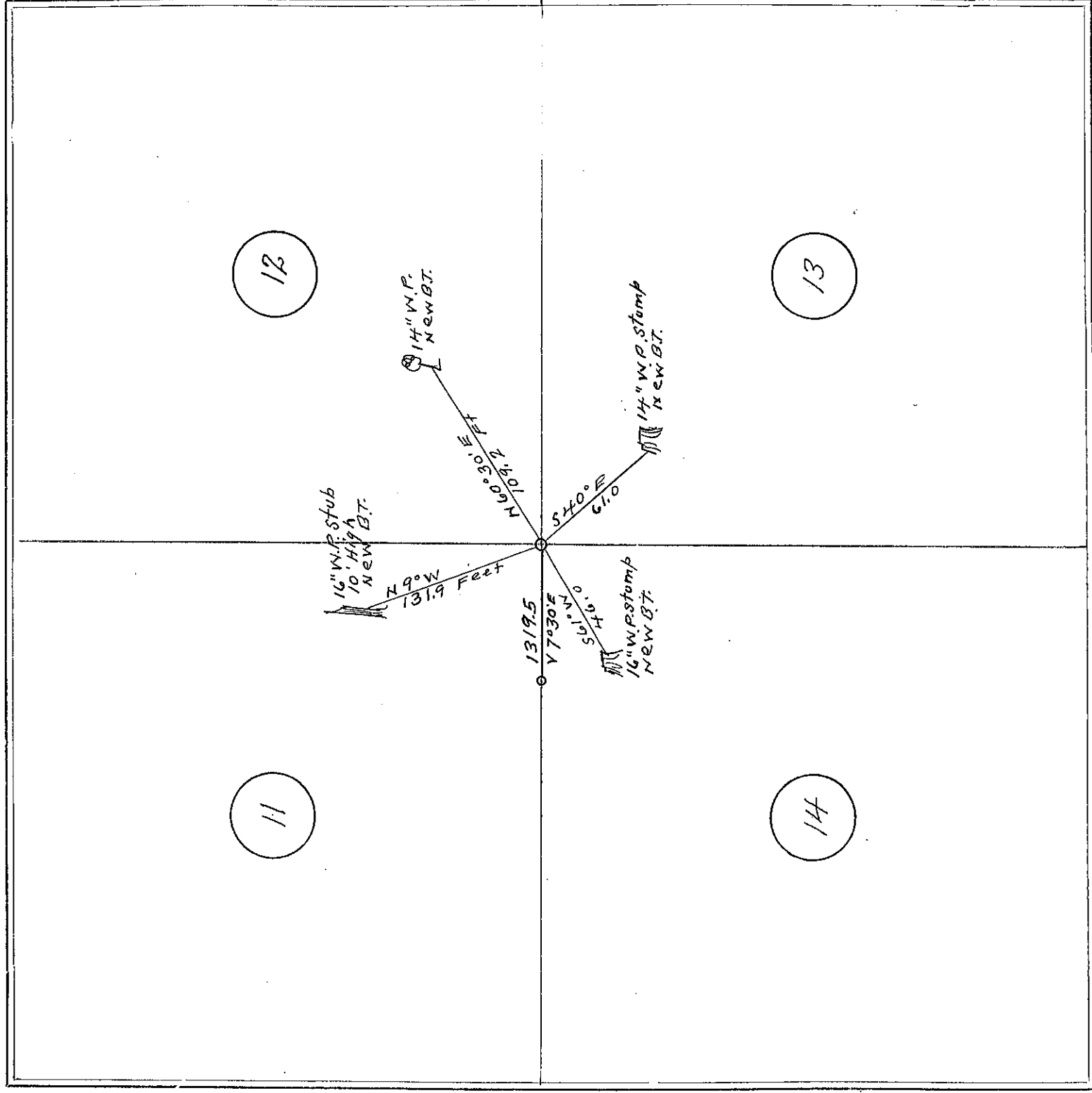
" 2nd 3. T 137 N R 28 W 54 PM.

Crow Wing Co Minn.

At the corner to sections 11-12-13-14 T 138 R 28 we find the corner plainly marked and as this corner is liable to become lost or disturbed I peg it in the following new bearing trees: From the corner post I run in sec 12 T 138 R 28 N 60° 30' E 109.2 ft to a 14 inch white pine; thence as a check South and West to the corner; thence in sec 11 T 138 R 28 E run N 9° 45' 131.9 ft to a 16 inch white pine stub 10 feet high; thence as a check S run East and South to the place of beginning. I thence in sec 14 T 138 R 28 E run S 61° W 46.0 ft to a 16 inch white pine stump, thence north & East to corner. thence in sec 13, S 40° E 61.0 ft to a 14 inch white pine stump thence West and North to check on sec 20 from which I run

SURVEY No. 180

Sections 11-12-13-14 Town 138 N Range 28 W 5th PM.

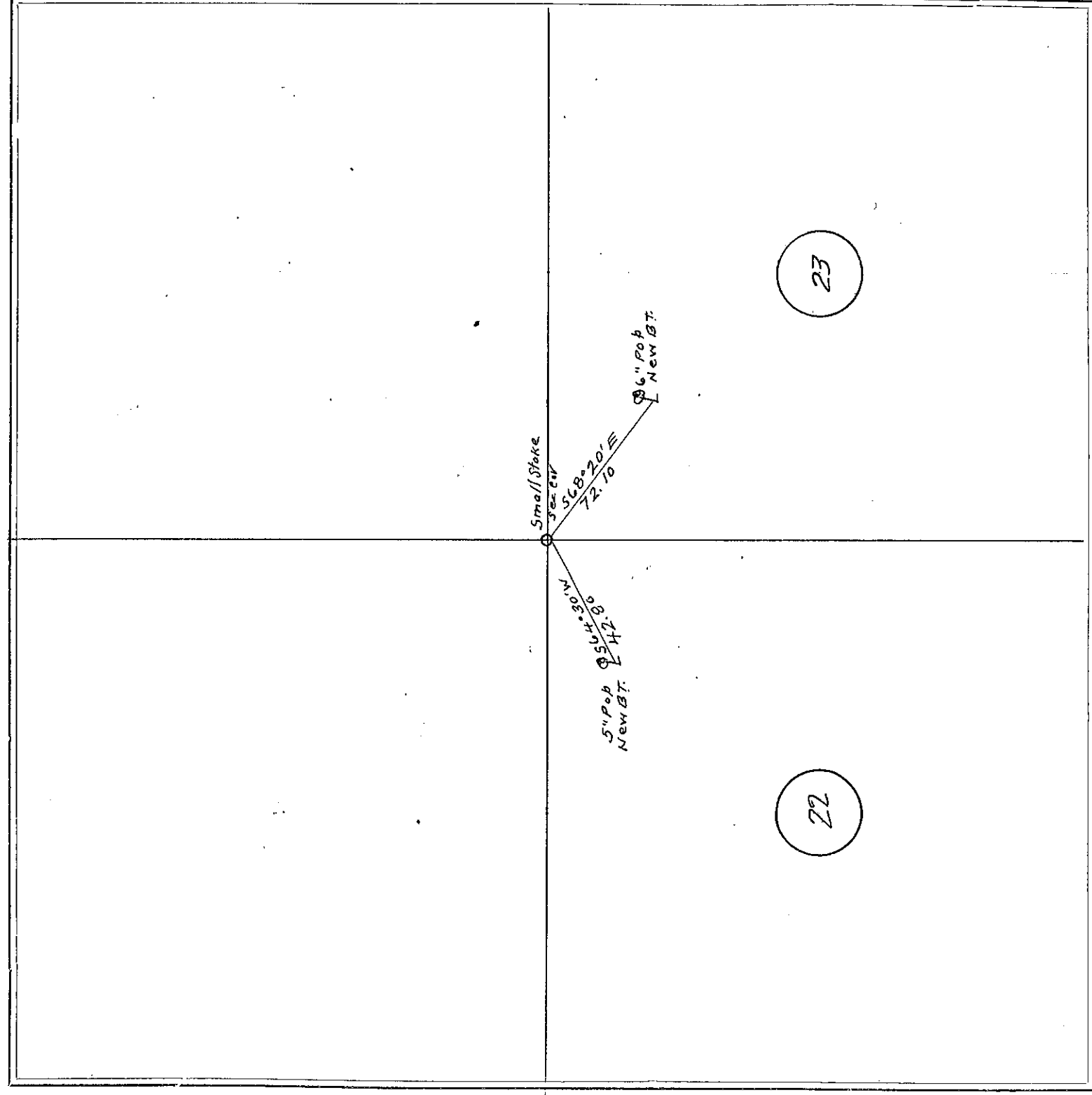


FIELD NOTES.

W. est. our true line bet sec 11 and 14 1319.5 ft and set small stake for true East No corner bet sections 11 & 14 all in T138 Rg 28. var. 7°30' E. At the cor to sec 9-10-15-16 T138 Rg 28 I find the saggy, liable to become loose & for the protection of the ligne in each surrounding sec I mark new bearing trees as follows: From the cor I run in sec 10 S 16°45' E 441.0 ft to a 5 inch oak; thence West and South to corner thence in sec 9 T138 Rg 28 I run N 48°15' W 79.3 ft to 4 inch poplar; thence South and East to corner; thence I run in sec 16 T138 Rg 28 S 45° W 8.2 ft to a 3 inch poplar. New B.T. thence N 4° E to corner; thence in sec 15 T138 Rg 28 S 4° E 8.4 ft to 7 inch poplar New B.T. thence W 44 to corner from which I run East bet sec 10 & 15 a distance of 1317.85 ft and set small stake.

SURVEY No. 180

Section S 22-23 Town 138 N Range 28 W 5 P.M.



FIELD NOTES.

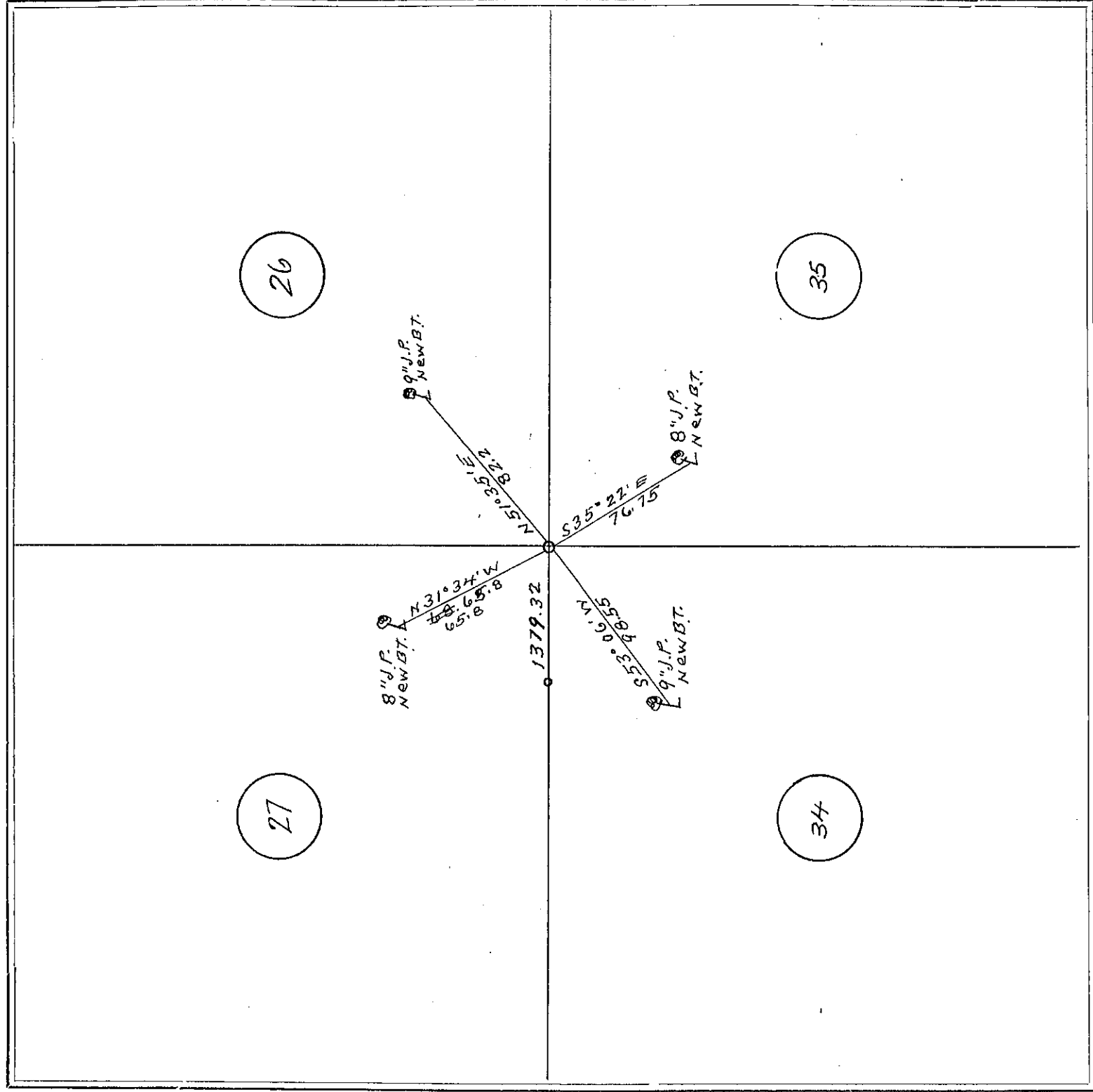
For the West 1/4 corner var $7^{\circ}41'E$. All the trees mentioned here with are new bearing trees with courses and distance taken to flat spot at base all in T 138 R 28.

At the corner to sections 14-15-22-23 T 138 R 28 I set small stake for sec cor and to preserve this point for the survey of lands in sec 22 & 23 I mark new bearings as follows from in sec 22 T 138 R 28 S $64^{\circ}30'W$ 42.8 ft to a 5 inch poplar new B.T. thence S & E to cor. thence to a 6 inch poplar new B.T. ' ' N & W to cor. to flat spot at base of each tree var $8^{\circ}38'E$.

T 138 R 28 I mark new bearing trees for the protection of the land in each section as follows from the corner I run in sec 26 T 138 R 28 N $51^{\circ}35'E$ 82.2 ft to 9 inch Jack pine new B.T. thence S & W to corner; thence

SURVEY No. 180

Sections 26-27-34-35 Town 138 N Range 28 W 5 P.M.

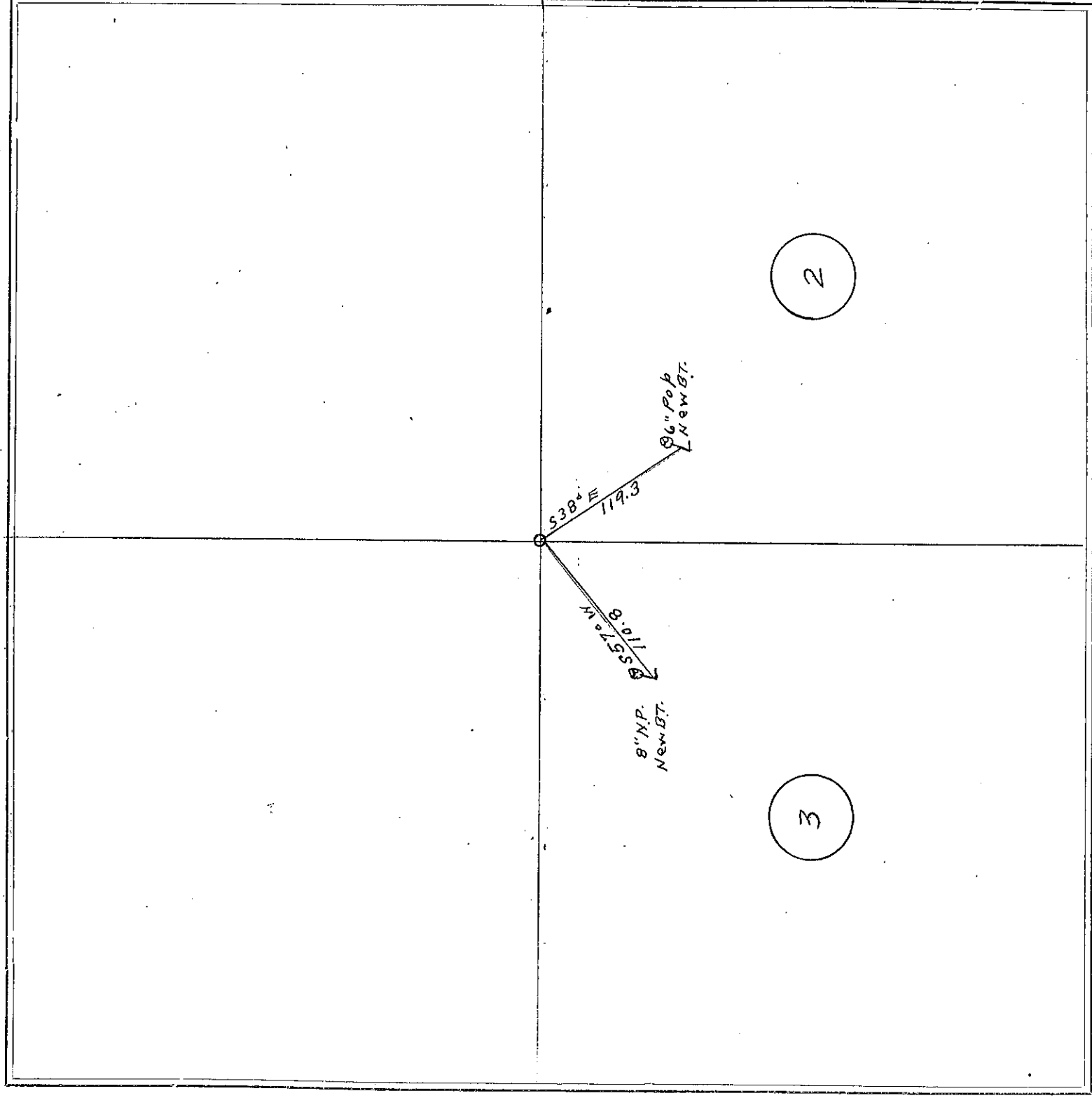


FIELD NOTES.

in sec 27 T 138 R 28 I run n 31° 34' W 65.8 ft to a 8 inch jack pine new B.T. thence E & S to corner then again sec 34 T 138 R 28 S 53° 06' W 98.55 ft to a 9 inch jack pine new B.T. then N & E to corner thence in sec 35 T 138 R 28 S 5° 22' E 76.75 ft to a 8 inch jack pine new B.T. thence W & N to cor. taken to flat spot at base of each tree turned from the sec line looking North.
Then I run the corner I run rough compass line West bet sec 27 & 34 T 138-28 a distance of 1379.32 ft and set stake for temporary 1/16 corner East then pace rough compass line half a mile North to look for timber. pacing to rough to be recorded. sec 2 and 3 on the North line of T 137 R 28 I find the stake previously established and for the purpose of preserving this corner for the benefit of future surveys in these two sections I take new bearings in each sec & run!

SURVEY No. 180

Section 2-3 Town 137 Range 28



FIELD NOTES.

In sec 3 T 137 Rg 28. S 57° W 118.80 ft to 8 inch Norway pine thence N & E to corner thence in sec 2 T 137 Rg 28 & run S 38° E 119.30 ft to 6 inch poplar thence W & N to sec. corner, both trees being new B.T.S with flat spot at base.

Surveyed Aug 4th 1920 Recorded Aug 14- 1920

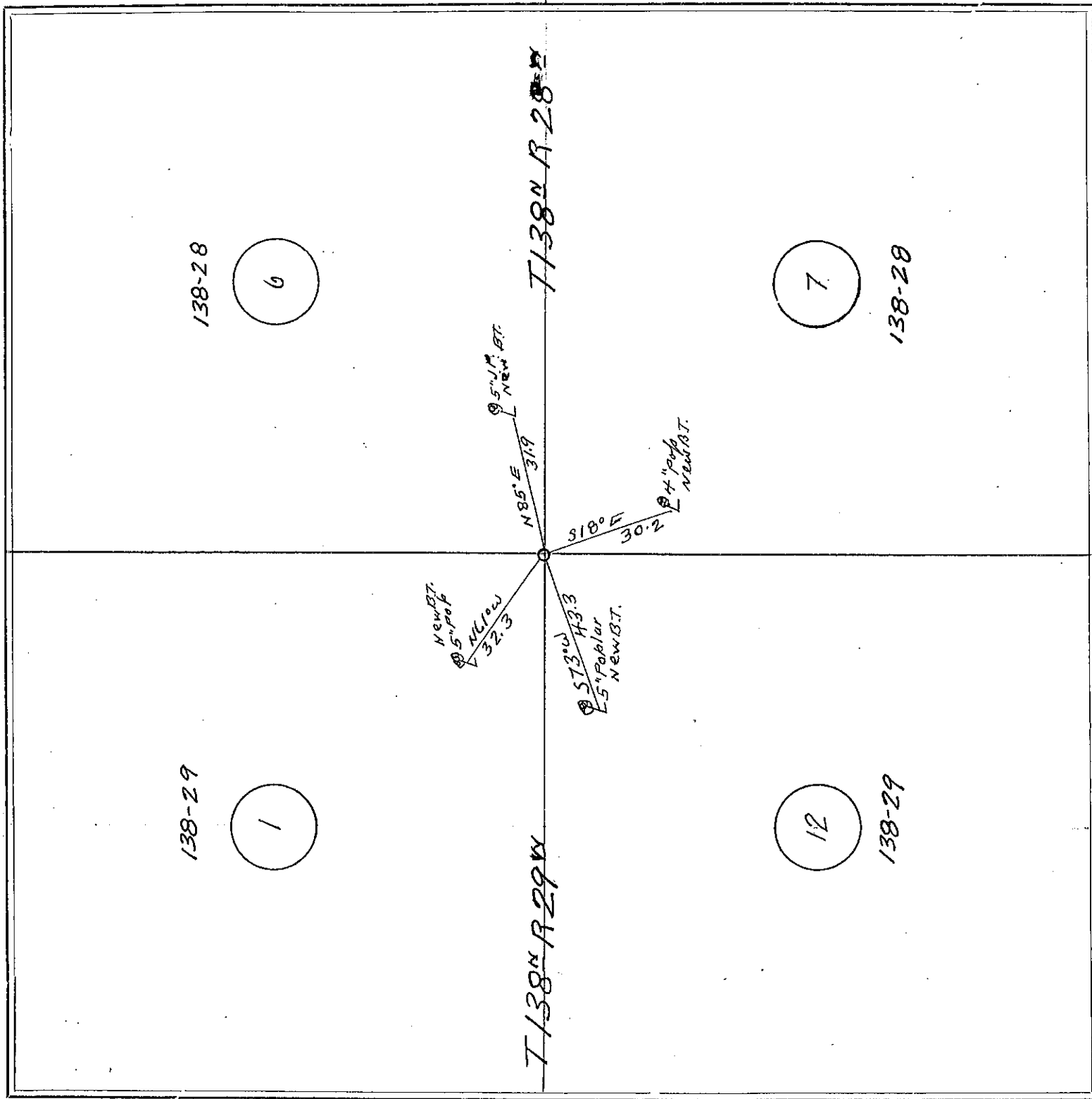
John W. Cuss
Co Surveyor.

Sections 6-7
1-12

Town 138
" 138

Range 28
" 29

SURVEY NO. 181



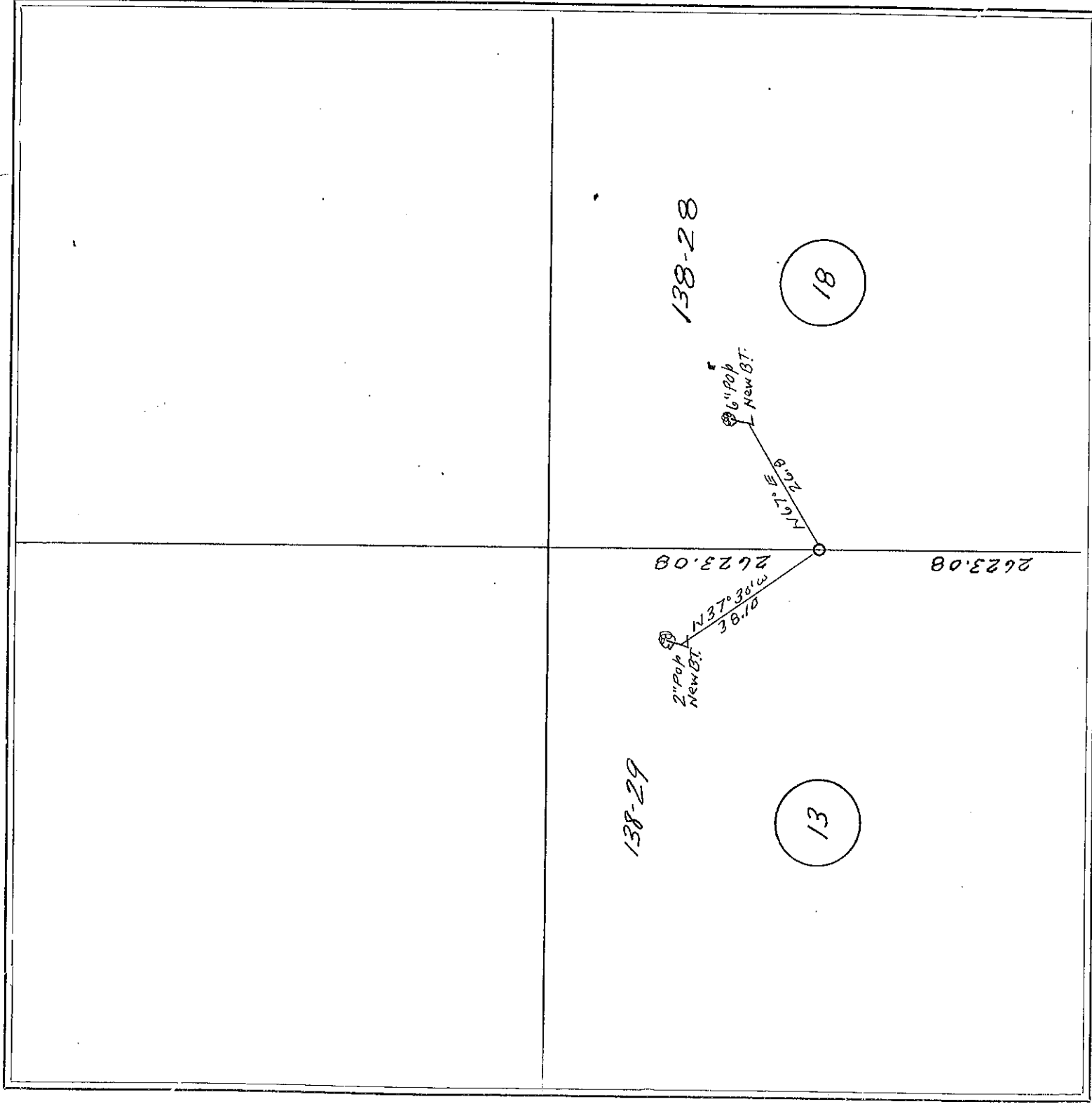
FIELD NOTES.

Survey extends over
Sections: 6-7-18-19-30 T138. R28 and
" 1-2-10-11-12-13-14-15-22-23-24-25-26-27 T138 N R29 W 5 PM.
Crow Wing Co Minn

F For the purpose of surveying the lands in the
surrounding sections I go to the corner to sections 6, 7 & 12, on
the Range line between T138 N Range 28 & 29 W where I find the
stake previously established and to preserve this point I
mark new bearings in each section as follows: from the corner
Drum,
In Section 6 T138, R9 28, N 85° E 31.9 ft. to a new B.T. 5 inch Jack Pine,
thence S & W to corner: thence
In Section 1, T138, R9 29: Drum N 61° W 32.3 ft. to 7 inch Jack Pine
thence S & E to corner.
thence
In Section 12, T138, R9 29, Drum S 73° W 43.3 ft. to 5 inch
poplar, new B.T. thence N & E to corner
thence
In Section 12, T138 R9 29, Drum S
In Section 7 T138 R9 28, Drum S 18° E 30.2 ft. to a 4 inch
poplar, new B.T. thence W & N to corner
All new bearing trees marked with flat
spot at base.
thence South along range line set sections
7 & 12, a distance of 52.46.16 ft. to corner to section
7, 12, 13 & 18, thence South along Range line, Coppage

SURVEY No. 181

Section 13 18 Town 138 N Range 29 W 5 P.M.



FIELD NOTES

Survey 2623.08 Ft. to the 1/4 Corner between sections 13 and 18 to the 1/4 Corner previously established where I mark and bearing true in each section as follows:

From the 1/4 Cor. S. Run.
In Section 18, T138, R9 28: N 67° E 26.80 Ft. to a 6 inch Poplar New B.T. thence S & W to 1/4 corner.

thence
In Section 13, T138, R9 29, I run S 37° 30' W 38.10 Ft. to a 2 inch Poplar, new B.T. thence S & E as a check to 1/4 corner. 2 New B.T.'s marked with flat spot at base.

thence South along range line with Congress 2623.08 Ft. to Corner of sections 13, 18, 19, 24: thence South on Range line 5246.16 Ft. to Corner of sections 19, 24, 25 and 36. But T138, R9s 28 & 29 to stake previously set and take new bearings and run in each section as follows

From the section Corner I Run
In section 19, T138, R9 28: N 18° 30' E 15.10 Ft. to a 4 inch Poplar: New B.T. thence W & S to Corner. thence

In section 24, T138, R9 29, I run N 29° W 25.9 Ft. to 2 inch Poplar, New B.T. thence S & E to Corner: thence

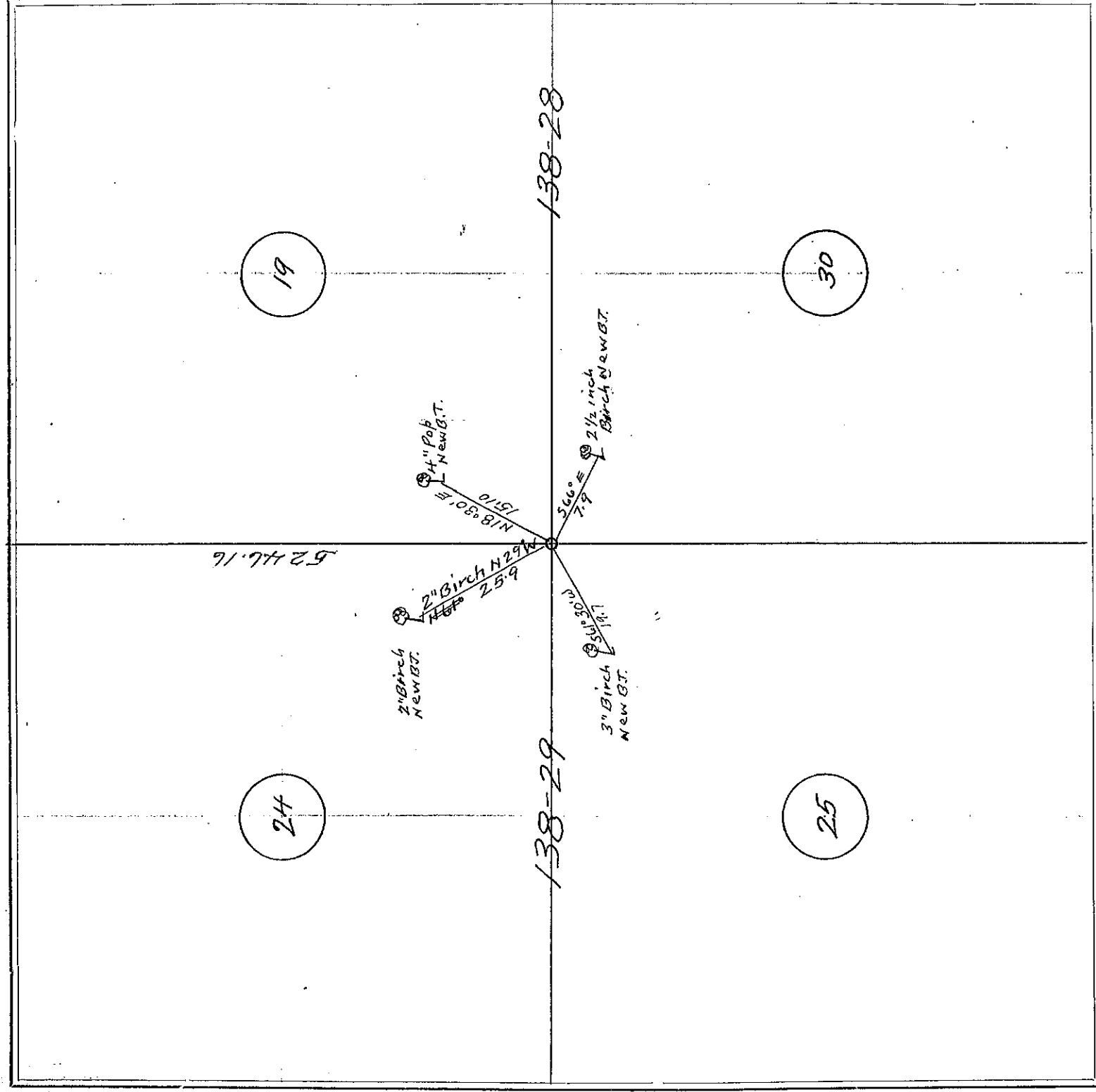
In section 25, T138, R9 29, I run S 61° 30' W 19.70 Ft. to 3 inch Poplar, New B.T. thence N & E to Corner: thence I run

Section 19-30
24-25

Town 138 N
138 "

Range 28 W
29 "

SUBVEY INO 181

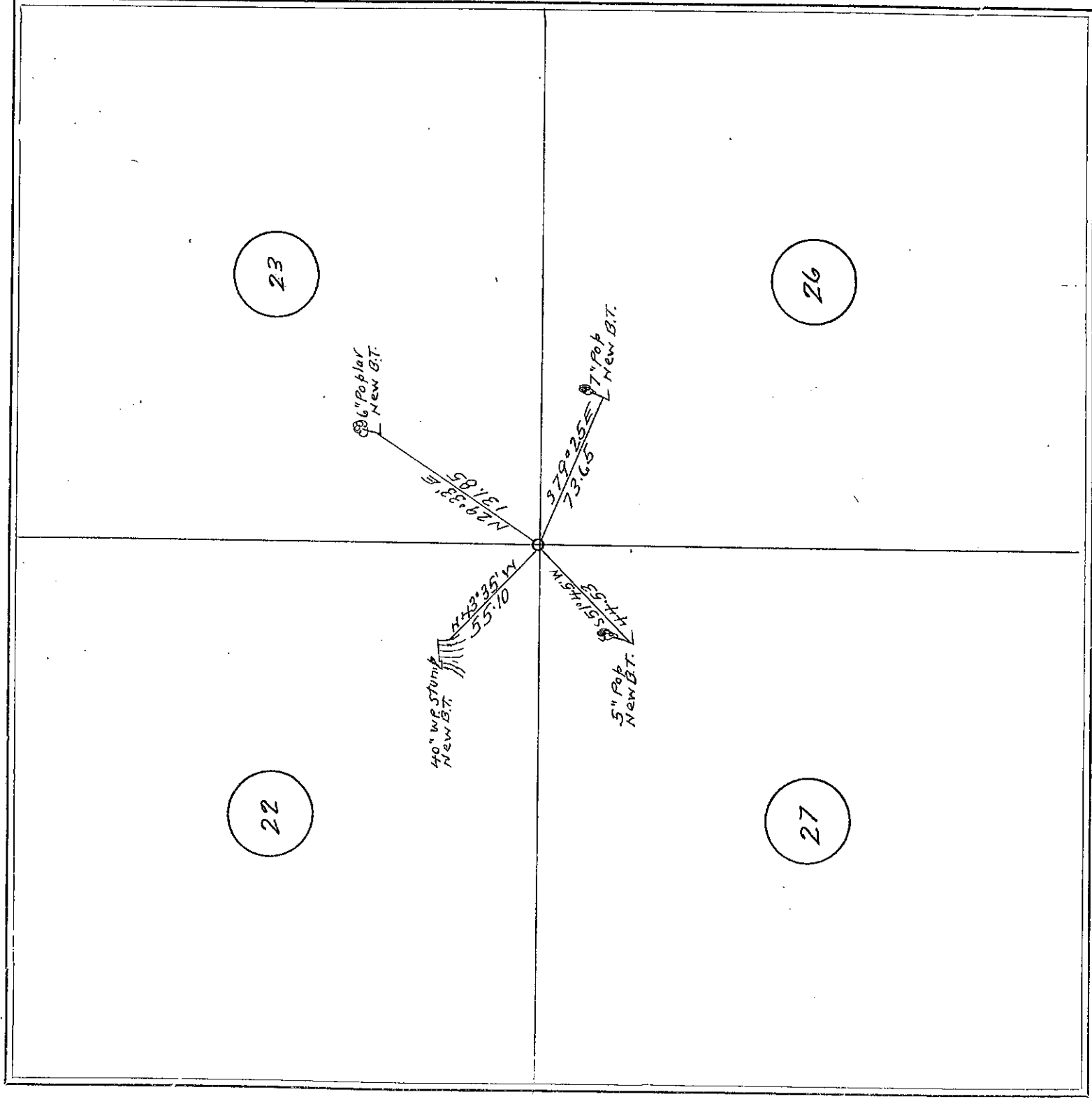


FIELD NOTES.

In Section 30, T138, R9 28, S 66° E 7.9 FT to 2 1/2 inch birch, New B.T. thence N & W to Sec Corner. All new B.T.S. Marked with flat spot at base. At the corner to sections 22, 23, 26, 27, T138, R9 29 I mark New B.T.S. as follows and run to 6 inch poplar, new B.T.: thence W & S to corner: thence. In Section 22, T138, R9 29, N 29° 33' E 135.85 FT. to a 40. inch white pine stump, New bearing: thence E & S. to corner: thence. In section 27, T138, R9 29: I run S 51° 45' W 44.53 ft. to a 5 inch poplar, new B.T. thence N & E. to corner: thence. In Section 26, T138, Range 29, I run S 79° 25' E 73.65 ft. to a 7 inch poplar, new B.T. thence N & W to Sec. cor. All new B.T.S. Marked with flat spot at base. At corner to sections 10, 11, 14 & 15 T138, R9 29 I mark new B.T.S. and from the corner I run to a 10 inch Jack pine, New B.T. thence E & S. to the Sec. cor, thence. In Section 15, T138, R9 29, I run: S 26° 50' W 49.25 ft. to 9 inch Jack Pine, New B.T.: thence E & N. to Sec corner: thence. In Section 14, T138, R9 29, I run, S 56° 45' E 46.50 ft. to 9 inch Jack Pine, new B.T., thence N & W. to Sec. corner: All new B.T.S. marked with flat spot at base.

SURVEY No. 181

Sections 22-23-26-27 Town 138 N Range 29 W 5 P.M.



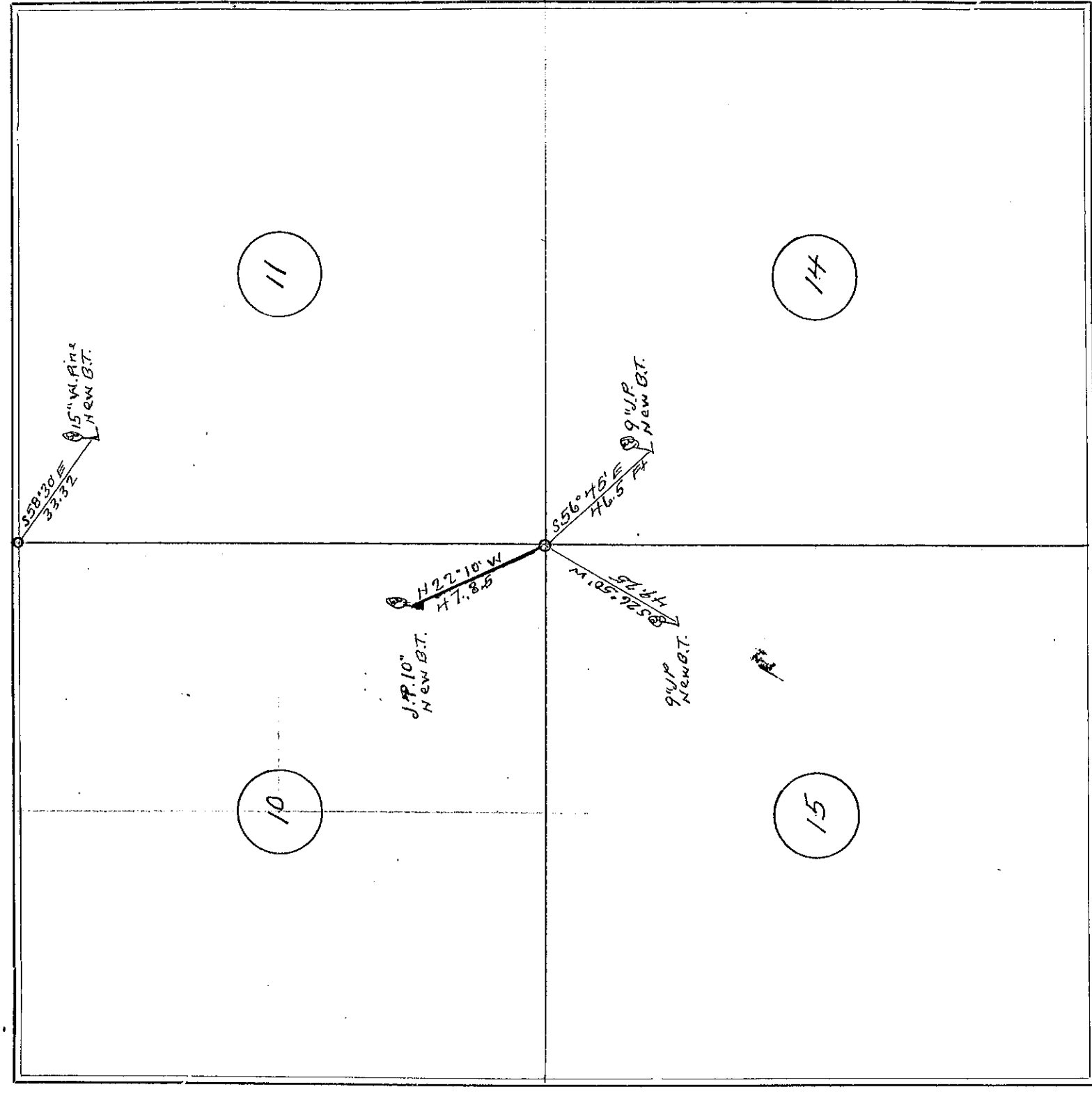
FIELD NOTES.

At the Corner to Sections 2, 3, 10, and 11, T138, R929
I marked New B.T. S. as follows: from Sec. Corner I run
In section 2, T138, R929, N30°E 12.58 ft. to 10 inch
poplar, New B.T. thence W. & S. to corner, thence
In Section 11, T138, R929, I run: S 58°30' E 33.32 Ft.
to a 15 inch. White Pine tree, dead! thence N. & W. as a
check to the section corner.
All new bearings marked with flat spot
at base
by lat. Survey extends over each section as shown
thence East bet. Sec 2 & 11, T138, Range 29. a
distance of 1337.73 ft. and set a small stake for tem-
orary west 1/4 corner bet sec 2 and 11, T138, R929.

Survey finished Aug 6th 1920
Recorded Aug 15-1920

SURVEY No. 181

Section 10-11-14-15 Town 138 N Range 29 W 5 P.M.



FIELD NOTES.

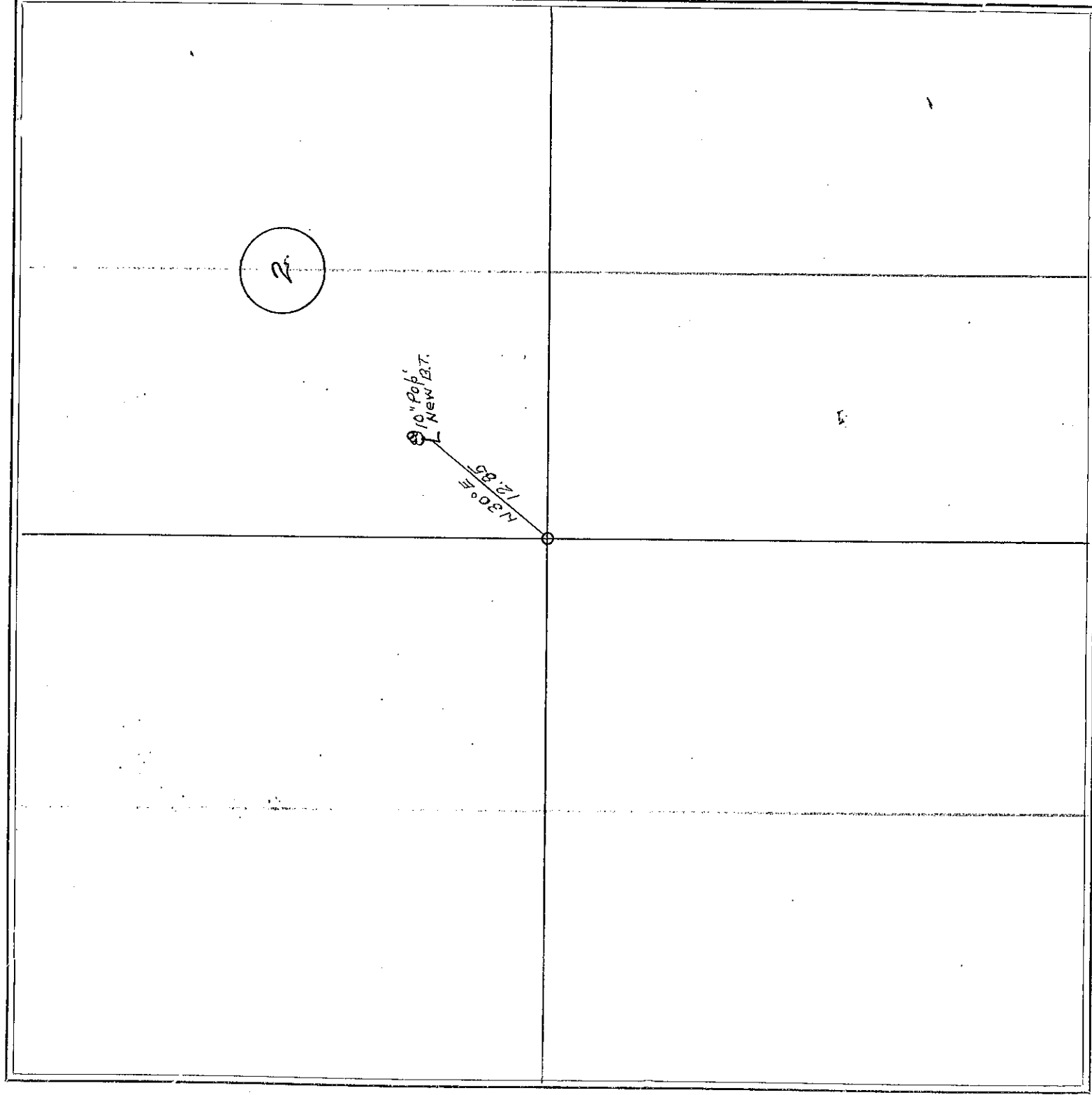
SURVEY No. 181

Section 2

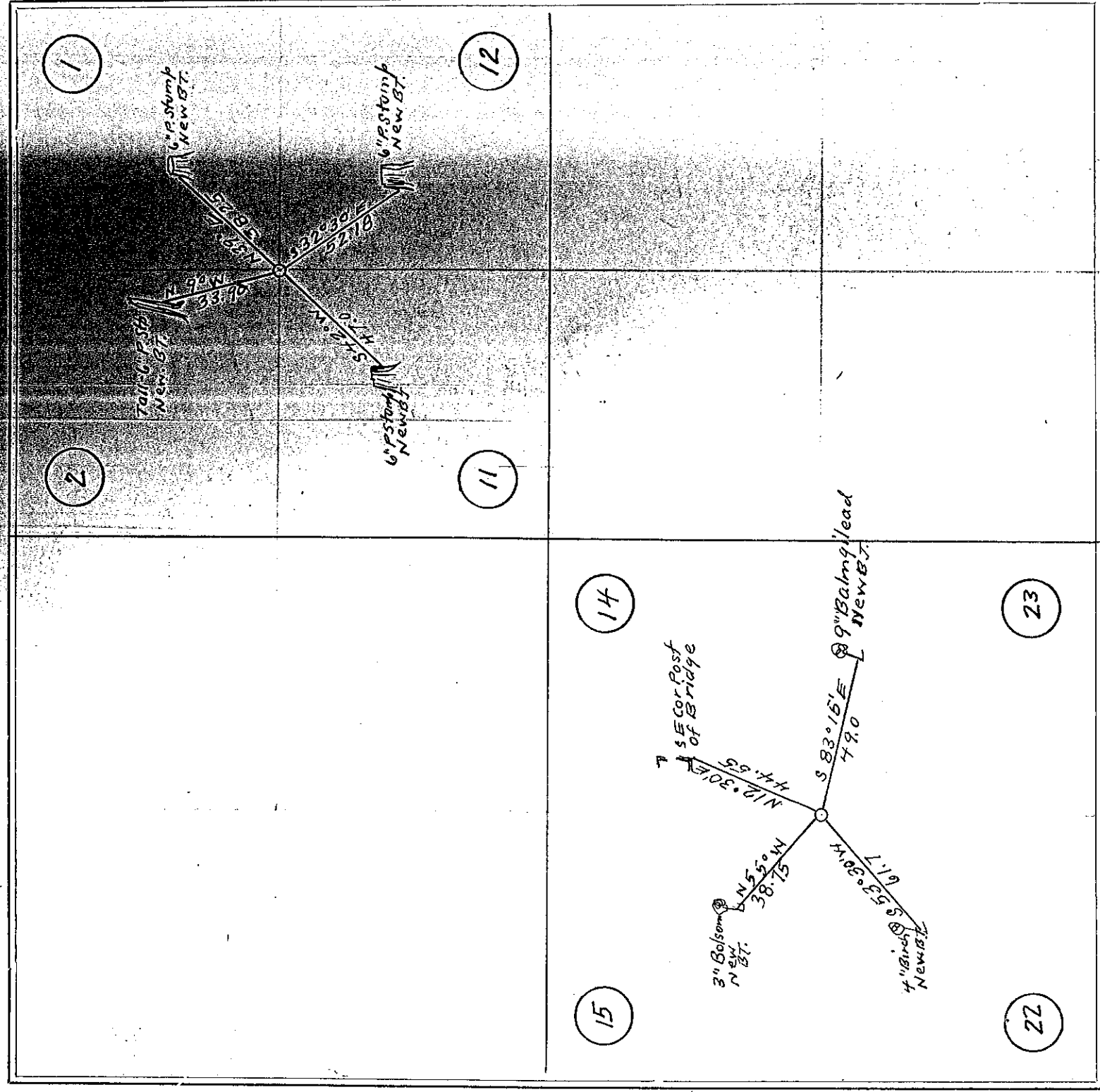
Town 138^N

Range 29^W

5 P.M.



FIELD NOTES.



FIELD NOTES.

Survey extends over

Sections 1-2-11-12-14-15-20-21-22-23-28-29 T 138 N R 25 W
5 PM. Crow Wing Co. Minn.

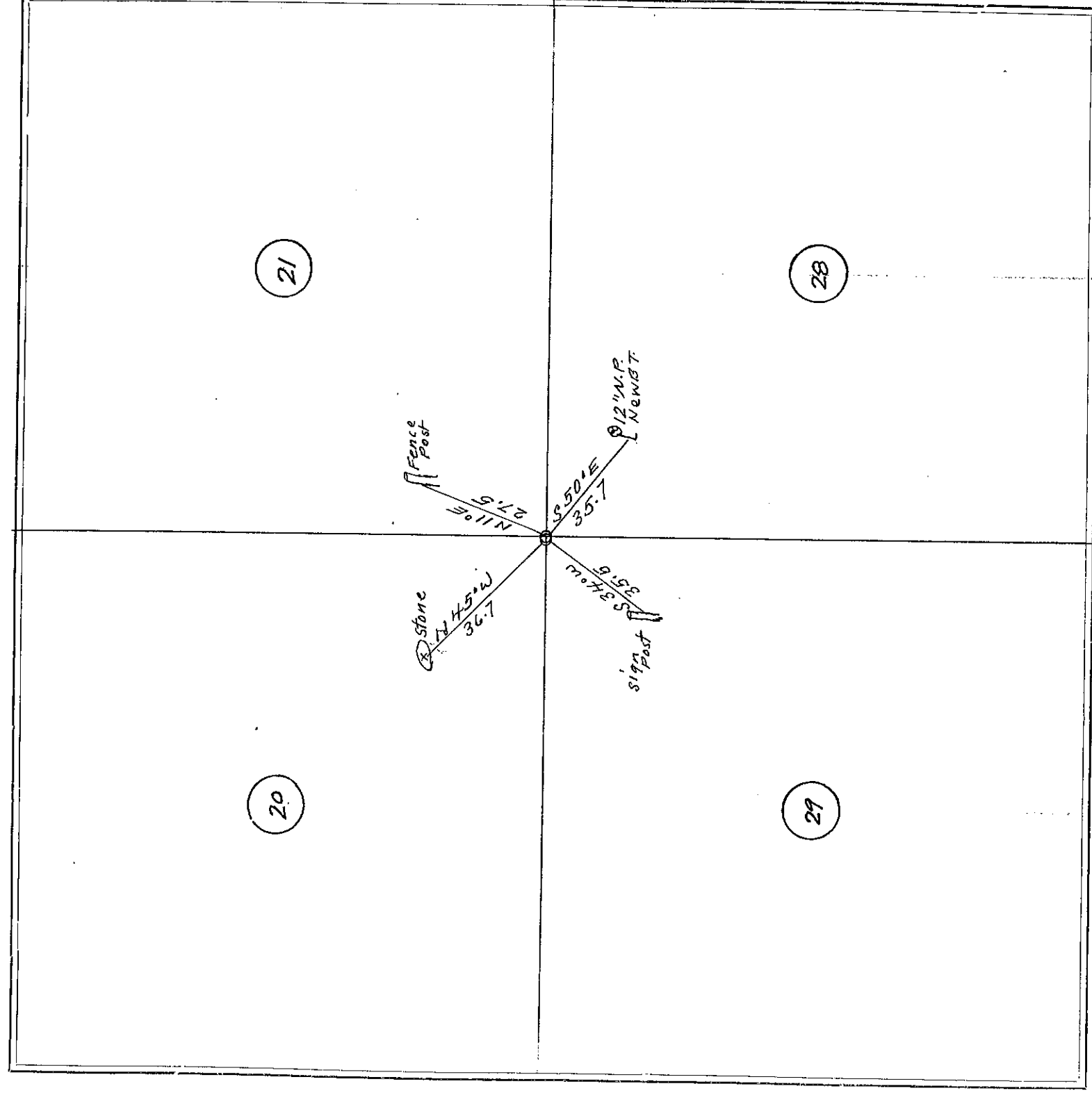
Field notes of a survey made by John W. Quiss, County Surveyor for Otter tail County, Minnesota. 1-2-11-12 T 138 N R 25 W we find a 4x4 stake previously set for the tree-see corner which checked with the remains of the old U.S. bearing tree and which sets in the center of a township road leading N-S and East. We marked new bearings as follows @ 9° var E 6 inch Jack pine stump N 39° E 38.25 ft in sec. 1 6 inch pine " " " " 9° W 33.9 " " 2 " " " " S 42° W 47.0 " " 11 " " " " S 32° 30' E 52.18 ft " " 12 to flat spot at base of each new B.T. Through the sec cor I run as a check in sec 1-T 138 R 25 N 39° E 38.25 ft to the 6 inch pine stump thence West and South to section cor thence in sec 2 T 138 R 25 N 9° W 33.9 ft to tall 6 inch pine stump thence East and South to section corner thence in section 11 T 138 R 25 S 42° W 47.0 ft to the 6 inch pine stump thence N & E to sec cor thence in sec 12 T 138 R 25 S run South 32° 30' E 52.18 ft to the 6 inch pine stump thence West and North to sec corner. At the corners to sections 14-15-22-23 T 138 R 25 we find a stake with cross put in top set in center of graded road leading N & S

SURVEY No. 182

Sections 20-21-28-29

Town 138

Range 25 5 PM



FIELD NOTES.

previously established from the old U.S. bearing trees and as this stone is liable to become lost, we preserve the point by marking new bearings as follows: @ 90 var E B.F. corner post of bridge - bark $\sim 120^{\circ} 30' E$ 44.55 ft in sec 1. 3 inch balsam $\sim 55^{\circ} W$ 38.75 ft in sec 15. 4 " birch $S 53^{\circ} 30' W$ 61.7 ft in sec 22. 9 inch balsam lead $S 83^{\circ} 15' E$ 49.0 ft " " 23. From the sec cor from a check in sec 14 T138 Rg 25 $\sim 12^{\circ} 30' 44.55$ ft to the S.E. cor post of a bridge, thence west and south to the sec cor: thence in sec 15 T138 Rg 25 $\sim 55^{\circ} W$ 38.75 ft to a 3 inch balsam: thence S & E to the sec, cor. thence in sec 22 T138 Rg 25 from $S 53^{\circ} 30' W$ 61.7 ft to a 4 inch birch thence E to sec cor thence in sec 23 T138 Rg 25 $S 83^{\circ} 15' E$ 49.0 ft to a 9 inch balsam lead thence $\sim 12^{\circ} 30' E$ to sec cor. (24) The cor to sec 20-21-28-29 T138 Rg 25 I drive $2 \times 2 \times 2.0$ inch stake for the true sec cor from the Rg corner of the old U.S. bearing trees & mark me. we are to pass following. I placed post in $11^{\circ} E$ 27.5 ft in sec 21. I to be with cross in top (+) $\sim 45^{\circ} W$ 46.7 ft in sec 2. I to post $S 34^{\circ} W$ 35.5 ft in sec 29. I to sec 27.5 ft in sec 28. then as a check I placed in sec 21 T138 Rg 25 $\sim 11^{\circ} E$ 27.5 ft to sec post thence W & S to sec corner in sec 20 T138 Rg 25 I run $\sim 45^{\circ} W$ 46.7 ft to a stone with cross in top (+) thence south & east to sec cor thence in sec 29 T138 Rg 25 $S 34^{\circ} W$ 35.5 ft to a sign post thence E & W to sec corner. thence in sec 28 T138 Rg 25 from $S 83^{\circ} 15' E$ 35.7 ft to a 12 inch pine thence E & W to sec corner at 90 var E. John W Curs County Surveyor

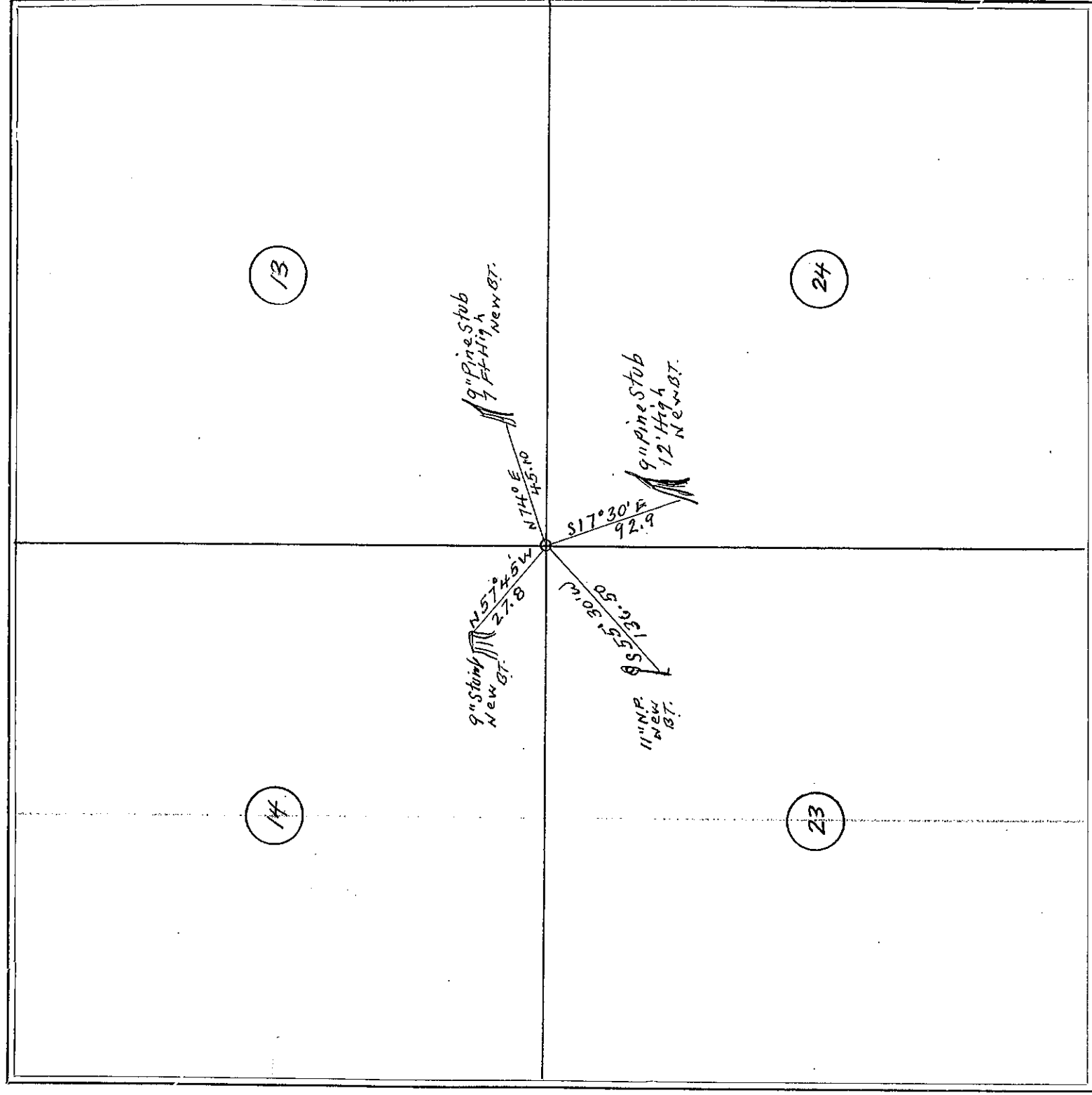
138-26

SURVEY No. 183

Sections 13-14-23-24

Town 138

Range 26



FIELD NOTES.

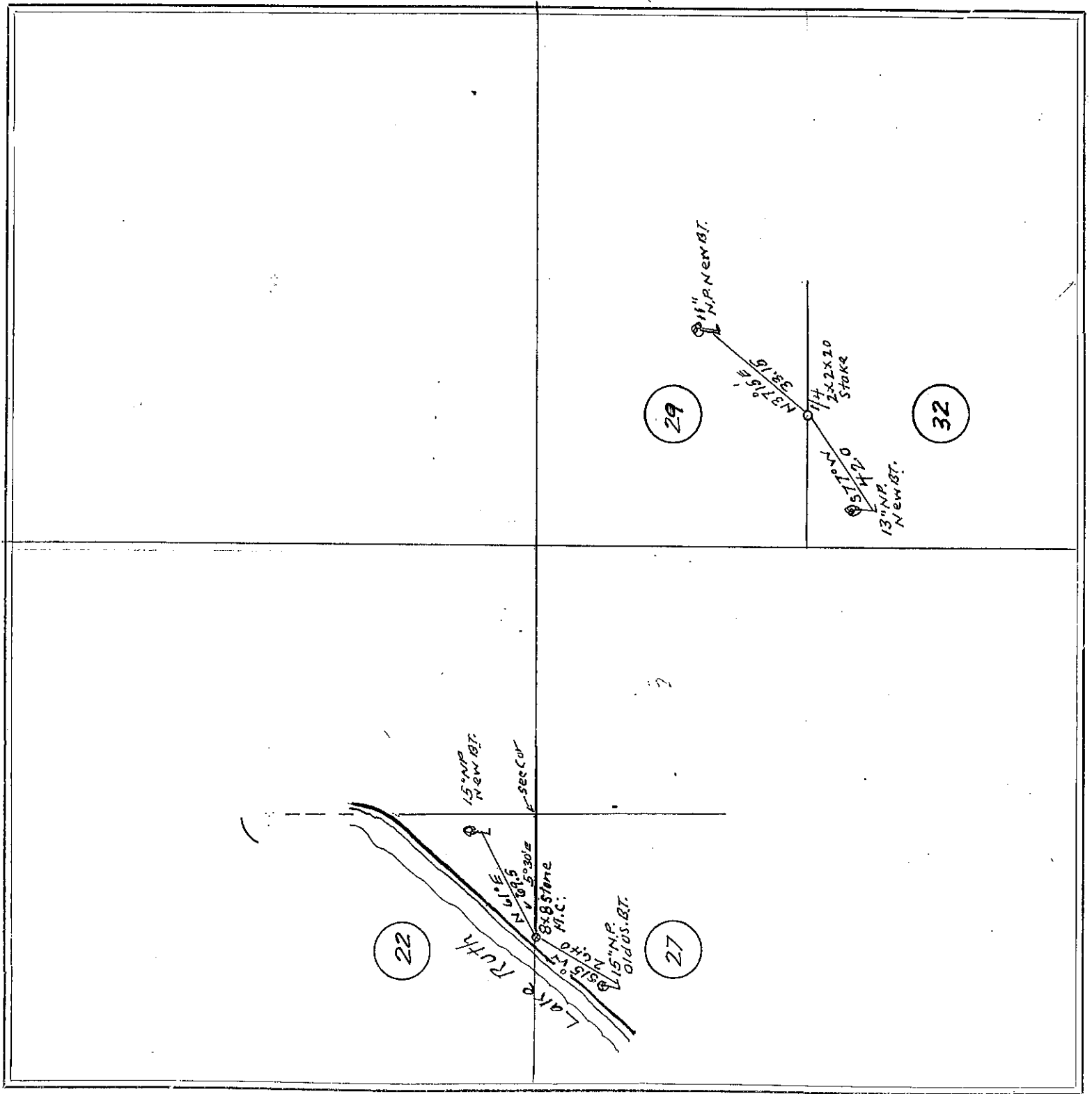
Survey extends over
Sections 13-14-23-24-27-29-32 T138-R26.
Crow Wing Co Minn

Field notes of the survey as made by John W. Rues
County Surveyor. At the corner to section 13-14-23-24 T138-R26
we found the stump of the old N.E. tree marked in the U.S. survey
marked as a bearing tree and from this stump set a 2x2x28
inch stake for the traverse, and to preserve this point I marked
new bearings as follows: 9 inch pine stub 7 ft. hi. bearing 74° E 45 ft.
from sec 13. 9 inch white pine stump 11 ft. 15 in. W 2.18 ft. in sec 14.
11 inch Norway pine tree, bearing S 55° 30' 136.5 ft. in sec 23.
9 inch pine stub 12 ft. high S 17° 30' E 92.9 ft. " 24. The sec
23 corner was foot East of the center line of a crooked wagon road
and as a check for the corner first set of survey in sec 13 T138-R26 a
74° stub 7 ft. to the 9 inch pine stub 7 ft. high then south & West to sec 20.
The corner sec 14 T138-R26 (9 inch stump) is 57° 45' W 2.78 ft. to the 9 inch
white pine stump then S 55° 30' 136.5 ft. to the corner in sec 23 T138-R26.
I found the corner sec 24 T138-R26 247° 19' 26 ft. from
the corner sec 23 to sec 20. The corner sec 24 T138-R26 26 ft. from
S 17° 30' E 92.9 ft. to the 9 inch stub. The 9 inch stub 12 ft. high then
West and north to the corner (all a 8° 30' E was to flat spot
at base of each bearing).
At the old S.E. corner corner bearing section
27 and 27 T138-R26 on the East side of Lake ~~Ray~~ we found
the old tree bearing tree standing in and from this we set a 2x2
inch stake from this tree to the corner sec 27 T138-R26 (7
inch stump) then the corner sec 27 T138-R26 27 ft. from bearings
as follows.

SURVEY No. 183

188-25

Sections 22-27-29-32 Town 138^N Range 26^W 5^{PM}

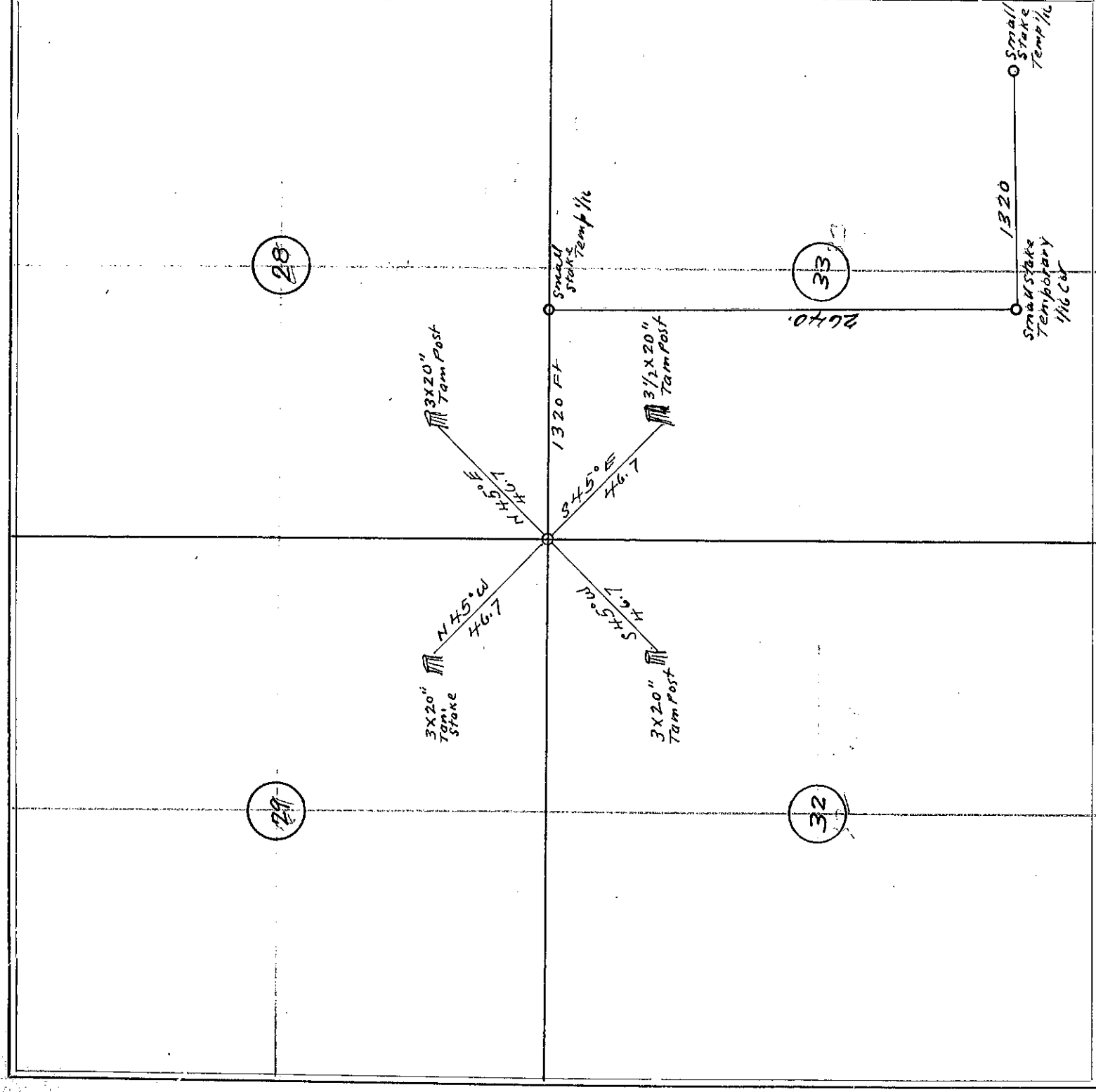


FIELD NOTES.

15 inch narrow way pine $\sim 61^{\circ}$ E 69.0 ft in sec 22
15 " " " S 15° W 26.4 " " 27 There is a check &
run in sec 22 T 138 Rg 26 $\sim 61^{\circ}$ E 69.50 ft to the 15 inch $\sim 18^{\circ}$ there is south
and west to the M.B. stone thence in sec 27 T 138 Rg 26 S 15° W 26.40 ft to
the old M.B. bearing tree thence East & North to the stone M.B. both at
5030' - which is the tree variational survey.
by the M.B. however in their original survey.
The stone of the old U.S. corner sec 29 & 32 T 138 Rg 26 we find
at the root of the old S.W. tree which check for accuracy and distance
at 8030' west and from there set a 2.42 x 2.0 - inch stake for the
tree corner with new bearings as follows:
11 inch corner of sec $\sim 37^{\circ} 15'$ E 33.15 ft in sec 29.
13 " " " S 77° W 42.0 ft " " 32
There is a check run in section 29 T 138 Rg 26 $\sim 37^{\circ} 15'$ E 33.15 ft.
to the 11 inch M.B. thence South & West to the 1/4 corner there is
a 32 T 138 Rg 26 corner S 77° W 42.0 ft to the 13 inch $\sim 18^{\circ}$ thence
west to the 1/4 corner all @ 8030' var. All new bearing trees being
marked with flat spot at base.

Survey finished and recorded
Aug 26 - 1920

John W. Lewis R.S. Surveyor.



FIELD NOTES.

Survey extends over sections 28-29-32-33-T43-R30. Crow Wing Co. Minn

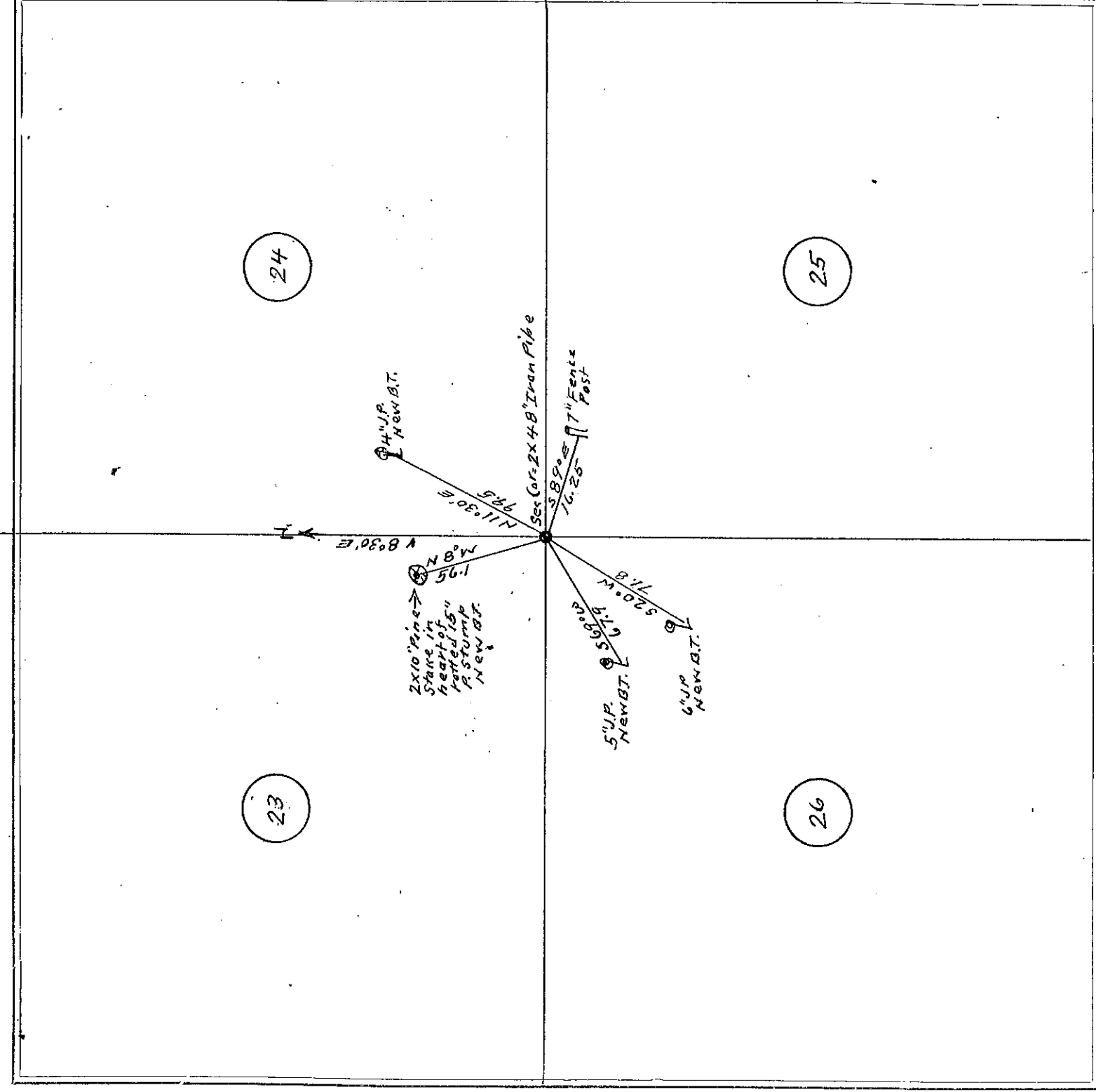
I find an old stake previously established by Co. Surveyors Whiteley set in a big marsh in line with an old fence running E & W. The fence is a line of very old & rotted fence post with no wire or rails, the rails having rotted off and now lie in the grass in short broken pieces and the fence must have been built 30 years ago. The post is a well preserved 4x4x36 inch post probably 15 to 20 years old and checks out for course & distance with the roots of an old sarsaparilla tree which evidently was the S.W. post bearing tree, to preserve this point for the benefit of the surrounding sections I mark now bearings as follows, 3x20 inch tam post N 45° E 46.7 ft in sec 28, 3x20 inch tam post N 45° W 46.7 ft in sec 29, 3x20 inch tam post S 45° W 16.7 in sec 32, 3 1/2 inch tam post S 45° E 46.7 ft in sec 33 then as a check I run in sec 28 T43 R30 N 45° E 46.7 ft to post, thence 33 ft West & 33 ft South to sec corner thence sec 29 T43 R30 S 45° W 46.7 ft to post, thence 33 ft East & 33 ft South to sec corner thence in sec 32 T43 R30 S 45° W 46.7 ft to post, thence 33 ft East and 33 ft North to sec corner thence 33 ft North to sec corner thence East 1320 ft and set small stake for center of section 33 T43 R30. The 1/2 post and the interval sec post are only temporary, roads and are to mark the approximately lines only. Survey checked and finished and recorded Aug 21-1920. John Whorsel's Surveyor.

SURVEY No. 185

Sections 23-24-25-26

Town 138 N

Range 27 W 5 PM.



FIELD NOTES.

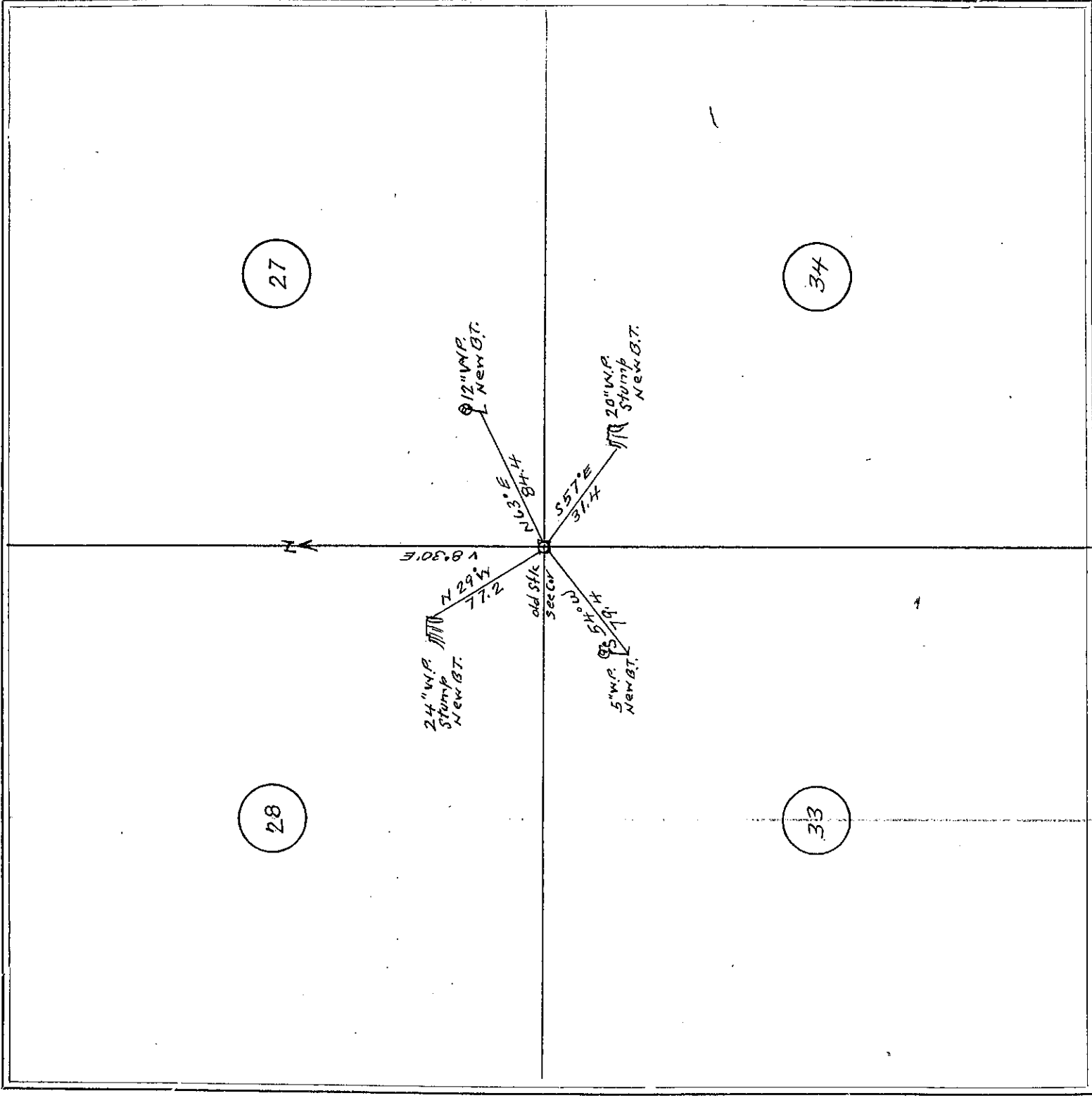
Survey extends over

Sections: 23-24-25-26-27-28-33-34 T 138 N R 27
Crow Wing Co Minn

Field notes of survey as made by John W. Curo
at the corner to sec 23-24-25-26 T 138 R 27 W
as given by the established by U.S. 1100 later for time see on
ground as the corner east the township of Ullrich is bounded
there to be established. The land owners request me to pre-
serve to front as suitable to be corner lost.
The following were bearing as 8° 30' E - var.
11 inch oak tree in sec 23. 94.5 ft in sec 23.
2x10 inch pine stake in heart of 15 inch pine stump
N 8° W 56.10 ft in sec 23. also a 6 inch oak pine tree S 28°
W 71.80 ft in sec 23. also a 5 inch oak pine tree S 69° W 67.90 ft in sec 26
iron fence post S 89° E 16.25 ft in sec 25. then as a check run
N 28° E 47.138 R 27 W 11° 30' E 99.50 ft to the 4 inch oak pine tree
W 45° to the sec 20. then in sec 23 T 138 R 27 W 27° 30' W
56.10 ft to stake in heart of 15 inch W.P. stump there. E 28° South
to sec 20. then in sec 26 T 138 R 27 W 69° W 67.90
ft to 5 inch oak pine. then as 8° E to the sec 20. then
N 28° E 47.138 R 27 W 11° 30' E 99.50 ft to the 4 inch fence
post. the sec 20 & W to the section corner

SURVEY No. 185

Section 27-28-33-34 Town 138 N Range 27 W 5 PM



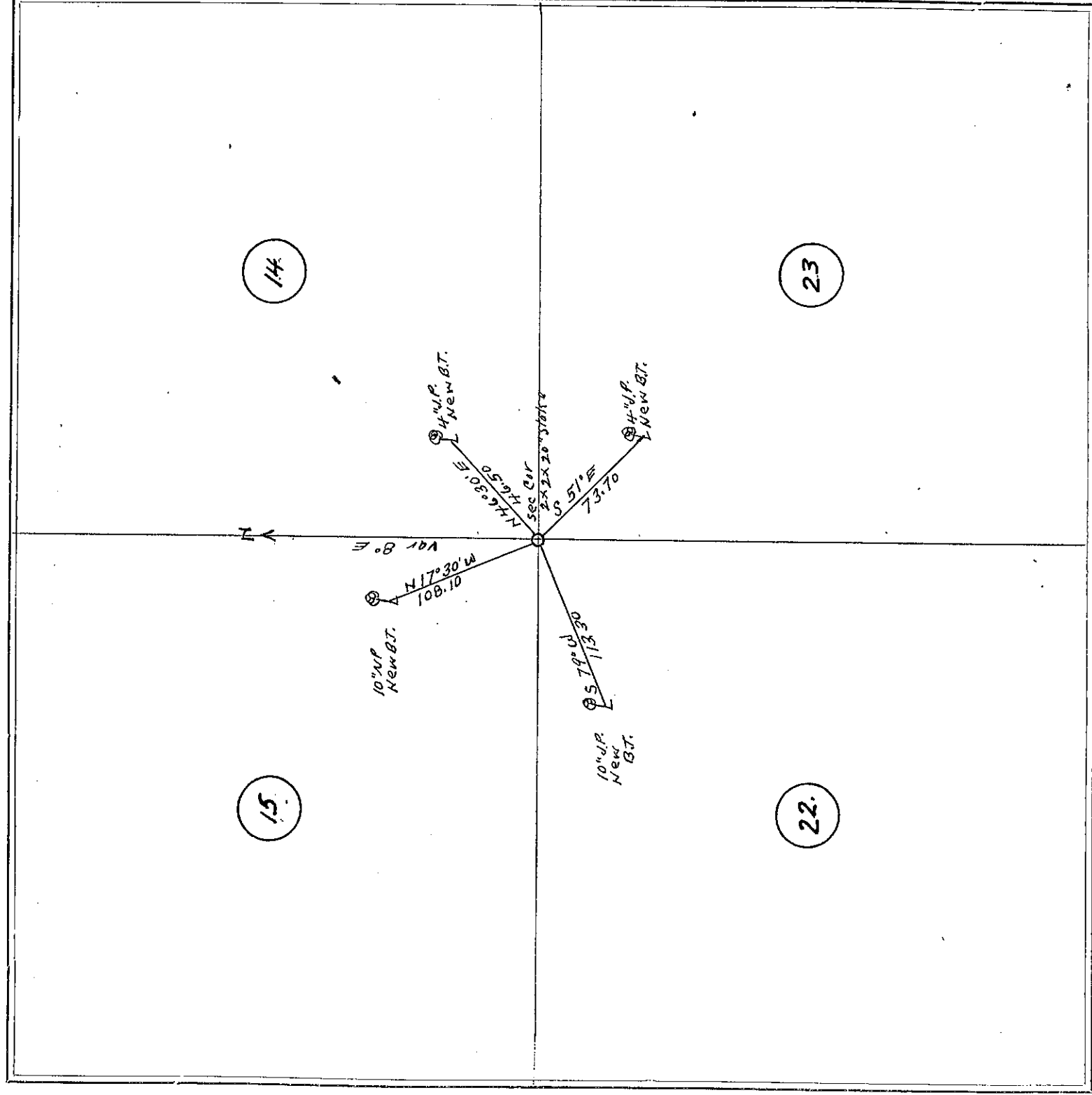
FIELD NOTES.

(At the corner to section 27 28-33-34 T138 R927 I found an old 3x3 stakes well marked but badly rotted set for the old M.S. line for the tree section survey by R.D. Burroughs (various and as the old M.S. stumps are becoming rotted & buried and as this corner is liable to become lost the land owners in the surrounding country request me to make new bearings in each section affected from the corner. I gave new bearings as follows. 12 inch white pine tree 263°E 84.40 ft in sec 27. 20 inch white pine stump 249°W 74.20 ft in sec 28. 5 inch white pine tree 554°N 79.40 ft in sec 33. 20 inch white pine stump 507°S 31.10 ft in sec 34. I then made a thick point and sec 27 T138 R927 to sec 33 T138 R927. I ran a line 229°W 74.20 ft to the 20 inch white pine stump there east and south to the sec 33 corner. I ran a line 33 T138 R927 sec 33 554°N 79.40 ft to the 5 inch white pine tree there north and east to the section corner. I ran a line 34 T138 R927 sec 34 507°E 31.10 ft to the 20 inch white pine stump there north & west to the sec 34 corner. I ran a line 70°S 30' or E. corner to flat spot at base of rock bearing survey finished & checked and recorded Aug 23-1920.

John W. Curs Co. Surveyors

SURVEY No. 186

Sections 14-15-22-23 Town 137 N Range 29 W 5 PM.



FIELD NOTES.

Survey extends over

Sections 14-15-22-23-26-27-34-35

T137N. R29W 5 PM. Crow Wing Co Minn

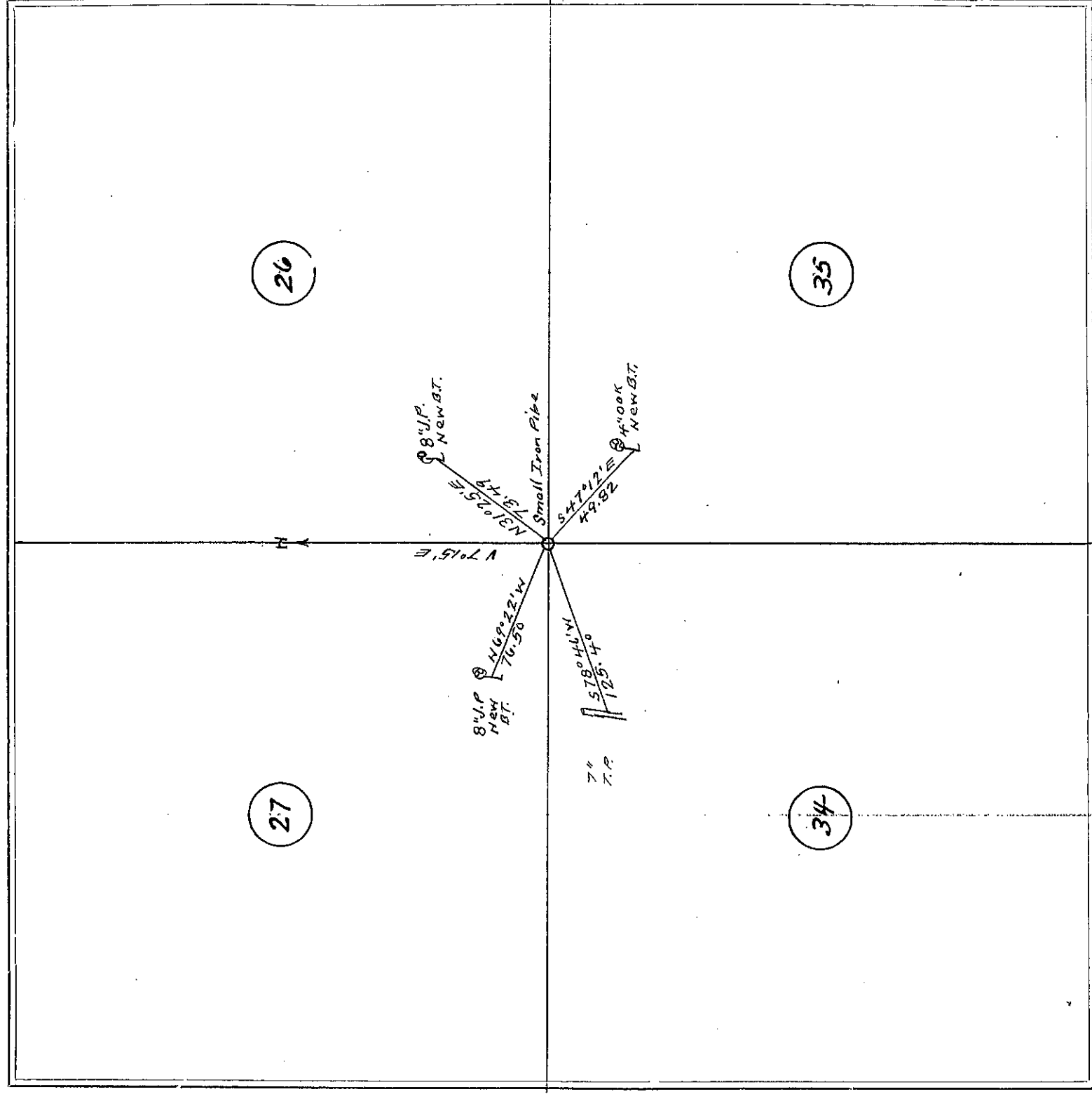
Field notes of a survey as made by John W. Russo County Surveyor, Crow Wing Co. Minn. At the corner to sec 11-15-22-23 T137N. R29W 5 PM. which was established by one a few years ago. when I found a bearing tree standing green & fairly well preserved. I find that there is a new road built under the direction of the town board of Jenkins Township in the corner of the road all traces of the old road bearing have been removed with the exception of a part of the stump of one of the old U.S. bearing trees. The stump stands in sec 15 and is a very young green & fairly preserved. The point by marking four new bearing trees one in each section as follows: 11 inch jack pine N 46° 30' E 46.50 ft in sec 14. 10 inch N 17° 30' W 108.10 ft in sec 15. 10 inch jack pine S 74° W 113.30 ft in sec 22. 4 inch jack pine S 51° E 73.70 ft in sec 23. Then as a check from sec 22 to T137N. R29W 5 PM. 46° 30' W 46.50 ft to the 4 inch jack pine. Thence South & West to the Sec. corner thence in sec 15 T137N. R29W 5 PM. N 17° 30' W 108.10 ft to the 10 inch Norway pine thence East to Sec. corner the way in sec 22 T137N. R29W 5 PM. S 74° W 113.30 ft to the 10 inch jack pine thence North & East to the Sec. corner thence in sec 23 T137N. R29W 5 PM. S 51° E 73.70 ft to the 4 inch jack pine thence North and West to sec corner.

SURVEY No. 186

Sections 26-27-34-35

Town 137^N

Range 29 W 5 PM



FIELD NOTES.

At the corner to sections 26-27-34-35-T137 is 192910 & find a small iron pipe - which is a few years ago known all the old H.S. bearing trees exist and plenty marked and as the country road builders have grubbed out all the old H.S. bearing trees at this corner - the point for the government by establishing each section of forest. The new bearing trees as follows.

Wink Peak Ad. 11. - 13125' E 13.41 ft. in Dec. 26

Lat	Long	Time	Wind	Sea	Temp	Pressure	Remarks
28° 15' N	117° 15' W	10:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	11:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	12:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	13:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	14:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	15:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	16:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	17:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	18:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	19:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	20:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	21:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	22:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	23:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	00:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	01:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	02:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	03:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	04:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	05:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	06:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	07:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	08:00	10	3	28.5	1010.5	Clear
28° 15' N	117° 15' W	09:00	10	3	28.5	1010.5	Clear

Station	Time	Temperature	Wind	Direction	Speed	Remarks
4	10:10	12.0	W	12.0	4.0	35
4	10:15	12.0	W	12.0	4.0	35
4	10:20	12.0	W	12.0	4.0	35
4	10:25	12.0	W	12.0	4.0	35
4	10:30	12.0	W	12.0	4.0	35
4	10:35	12.0	W	12.0	4.0	35
4	10:40	12.0	W	12.0	4.0	35
4	10:45	12.0	W	12.0	4.0	35
4	10:50	12.0	W	12.0	4.0	35
4	10:55	12.0	W	12.0	4.0	35
4	11:00	12.0	W	12.0	4.0	35
4	11:05	12.0	W	12.0	4.0	35
4	11:10	12.0	W	12.0	4.0	35
4	11:15	12.0	W	12.0	4.0	35
4	11:20	12.0	W	12.0	4.0	35
4	11:25	12.0	W	12.0	4.0	35
4	11:30	12.0	W	12.0	4.0	35
4	11:35	12.0	W	12.0	4.0	35
4	11:40	12.0	W	12.0	4.0	35
4	11:45	12.0	W	12.0	4.0	35
4	11:50	12.0	W	12.0	4.0	35
4	11:55	12.0	W	12.0	4.0	35
4	12:00	12.0	W	12.0	4.0	35

Then as a check I ran in Bell 26 T. 137 Pg 29 v. 3

the Finish pack in the we West and South to three

new sec. 27 71.34' 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608,

7 137 RA 24.9.18' 16' 12.5 HA 18 The Trench -

North in Lead to the cor. The up in 20.30

S 47° 12' E 49.82 ft. to the top of cap above 7103.66 + 11

Correlation of 13 parts and 10 flat spots
1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805

[Handwritten scribbles]

Survey finished - checked

and recorded Aug 25-1920

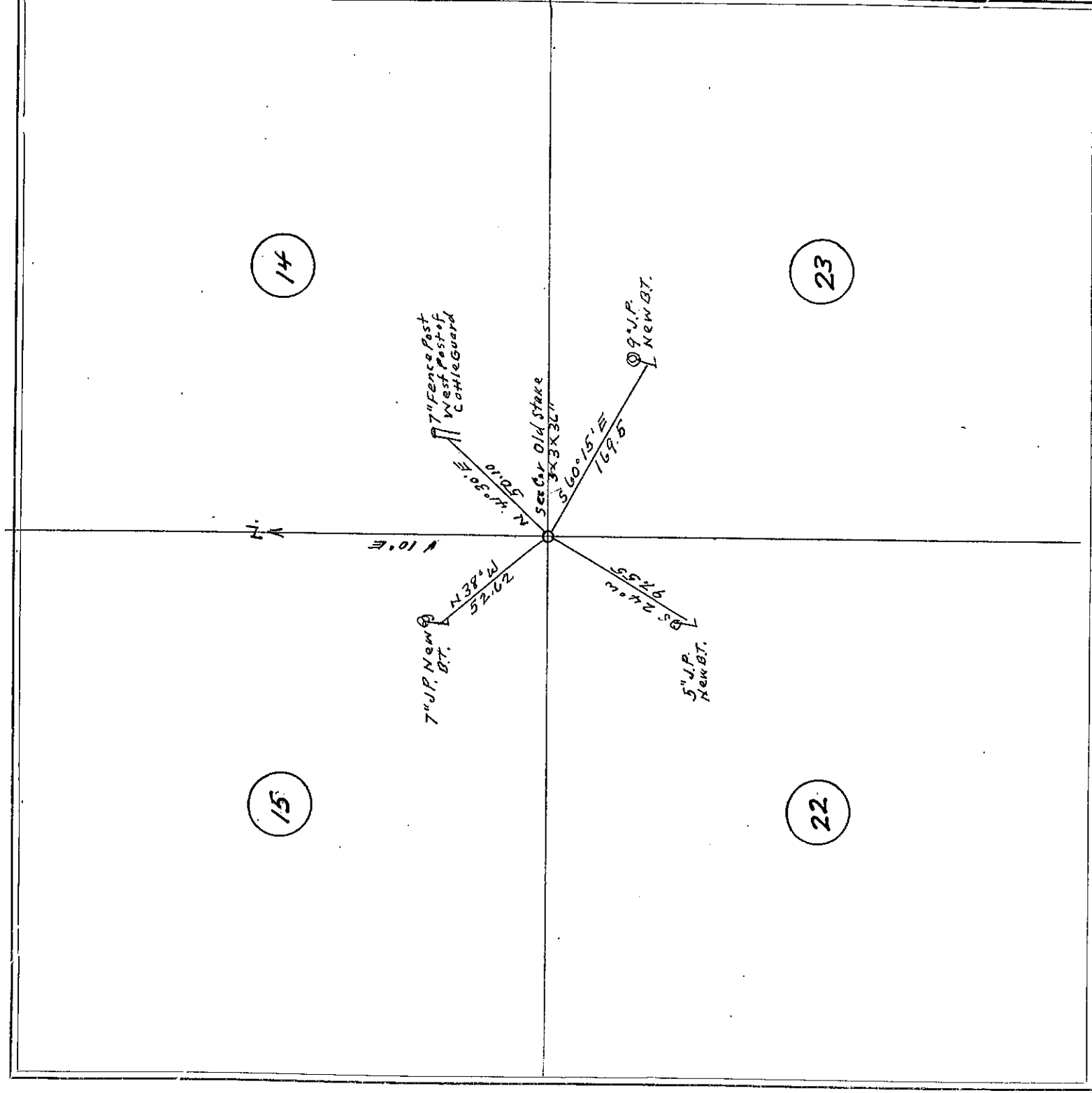
John W.

SURVEY No. 187

Sections 14-15-22-23

Town 136 N

Range 29 W 5 PM



Survey extends over

Sections: 14-15-22-23-26-27-34-35

T 136 N. R 29 W. 5 PM. Crow Wing Co. Minn

Field notes of the Survey as made by John W Curs County Surveyor.

At the corner to sections 14, 15, 22, 23. T 136, R 29. I find the old 3x36 inch stake, well scribed but with point broken off and split in the ground.

As this corner is very liable to become lost I mark new bearings in each of the 4 surrounding sections for the benefit of the land owners, viz:

7 inch fence post, being the west post of a cattle guard on the N.T.I. RY: N 41° 30' E 50.10 ft. in Section 14.

7 inch Jack Pine N 38° W 52.62 ft. in Section 15.

5 inch Jack Pine S 24° W 97.55 ft. in Section 22.

9 inch Jack Pine S 60° 15' E 169.50 ft. in Section 23.

Then as a check I run

In Section 14, T 136 R 29 I run N 41° 30' E 50.10 ft. to the 7 inch fence post. Thence W 83 to the corner: thence in sec 15, T 136 R 29. I run: N 38° W 52.62 ft. to the 7 inch Jack Pine: thence East & South to the corner: thence in Section 22, T 136 R 29 I run S 24° W 97.55 ft. to the 5 inch Jack Pine: thence East & North to the corner: thence in Section 23, T 136 R 29. I run: S 60° 15' E 169.50 ft. to the 9 inch Jack Pine: thence West & North to the corner: R 29 at 10° Var E. Chained to flat top of each bearing.

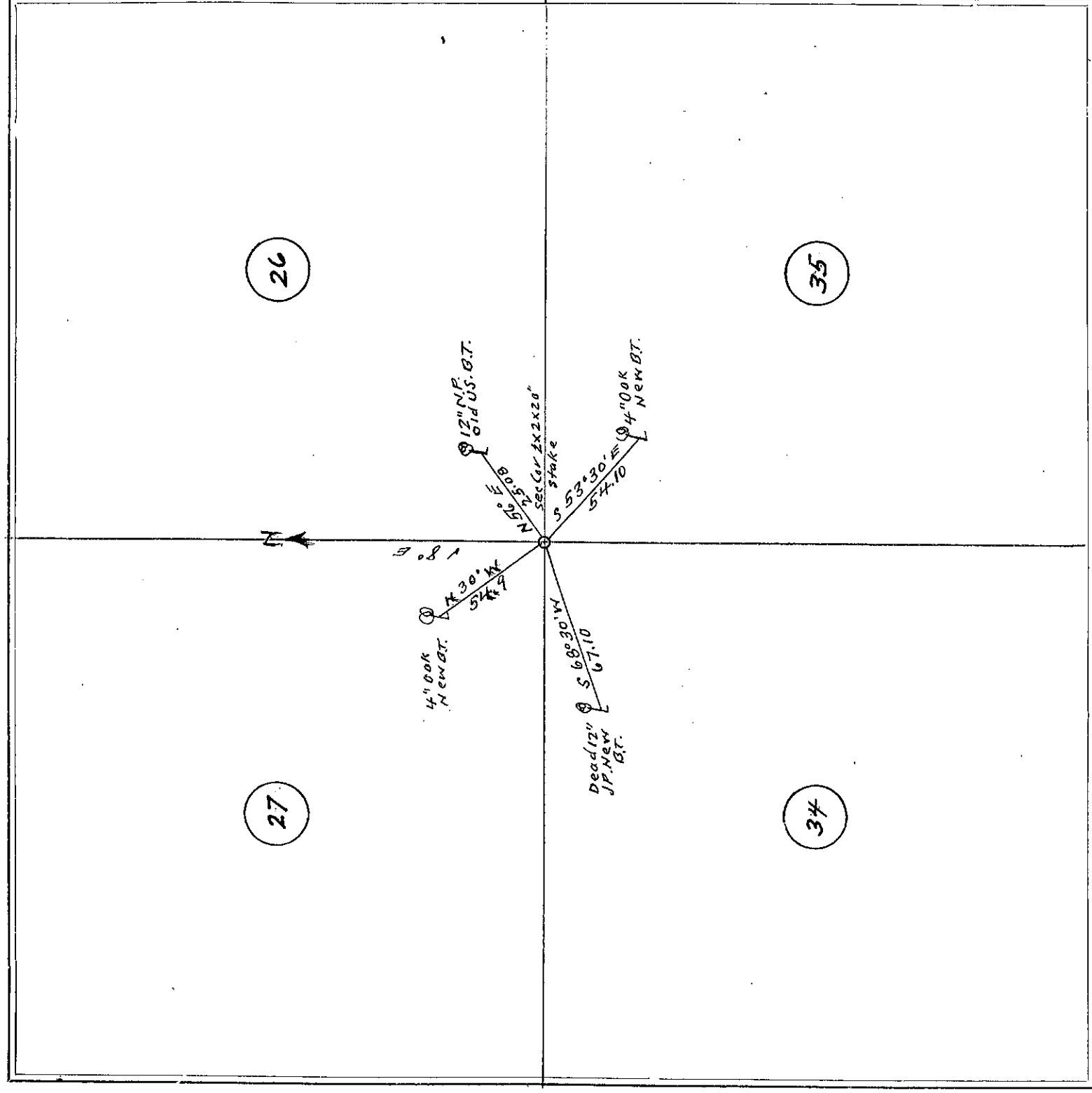
FIELD NOTES.

SURVEY No. 187

Sections 26-27-34-35

Town 136 N

Range 29 W 5 PM



FIELD NOTES.

At the corner to sections 26, 27, 34 & 35, T136, R929, I find the stake gone but the old U.S. line in Section 26, viz still standing green, plainly marked but as the other three trees are nearly gone, and the stumps badly rotted I put in a new stake, being a 2x2x20 inch stake, for the true section corner with new bearing trees as follows:

@ 8° Var E.

Old, 12 inch U.S. Norway pine B.T. bears N 56° E. 25.08 ft in Section 26, 4 inch oak, N 30° W 54.90 ft in Sec 27, Dead 12 inch jack pine, S 68° 30' W 67.10 ft, in Sec 34, 4 inch Oak S 53° 30' E 54.10 ft in Sec 35.

Then as a check allyn: in Section 26 T136 R929. N 56° E 25.08 ft to the old U.S. 12 inch Norway pine: thence West & South to the Section corner: thence In Section 27, T136 R929: Run N 30° W. 54.90 ft to the 4 inch oak: thence East & South to the section corner: thence in Section 34 T136, R929, Run S 68° 30' W, 67.10 ft. to the Dead 12 inch jack pine: thence North & East to the sec. cor. thence in Section 35, T136 R929 Run S 53° 30' E 54.10 ft to the 4 inch oak: thence North and West to the section corner. All at 8° Var E, Chained to flat spot at base of each bearing

Survey finished Checked and recorded Aug 27-1920

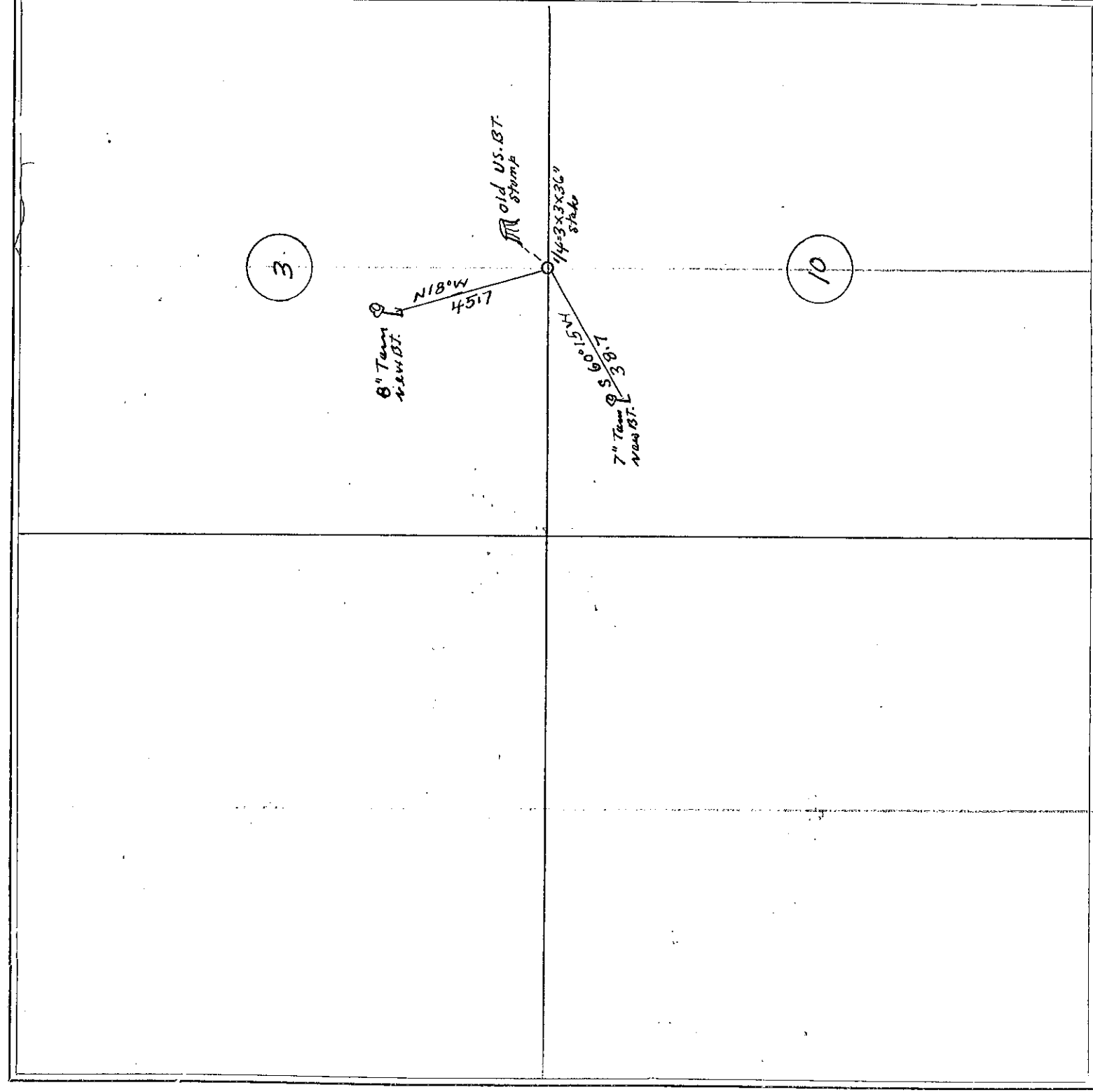
John W Curo Co Surveyor.

SURVEY No. 188.

Sections 3-10.

Town 38 N

Range 29 W 5 PM.



FIELD NOTES.

Survey extends over

Sections: 7-19 T138 N R28 W 5 PM and

" 1-2-3-10-11-12-23-24-25-26-35-36 T138 N R29 W
5 PM. Crow Wing Co Minn

Field notes of survey as made by John H. Puro County Surveyor
At the $\frac{1}{4}$ corner on the West side of Sec 7 T138 N R28 W I find the $\frac{1}{4}$
corner previously established and preserve this point which is also the
 $\frac{1}{4}$ corner on the East side of Sec 12 T138 N R29 W. I put in new
bearing lines as follows: Spruce Norway pine N 70° E 89.90 feet in Sec 7.
T138 R28: 10 inch pine stub N 20° W 64.00 ft in Sec 12 T138 R29

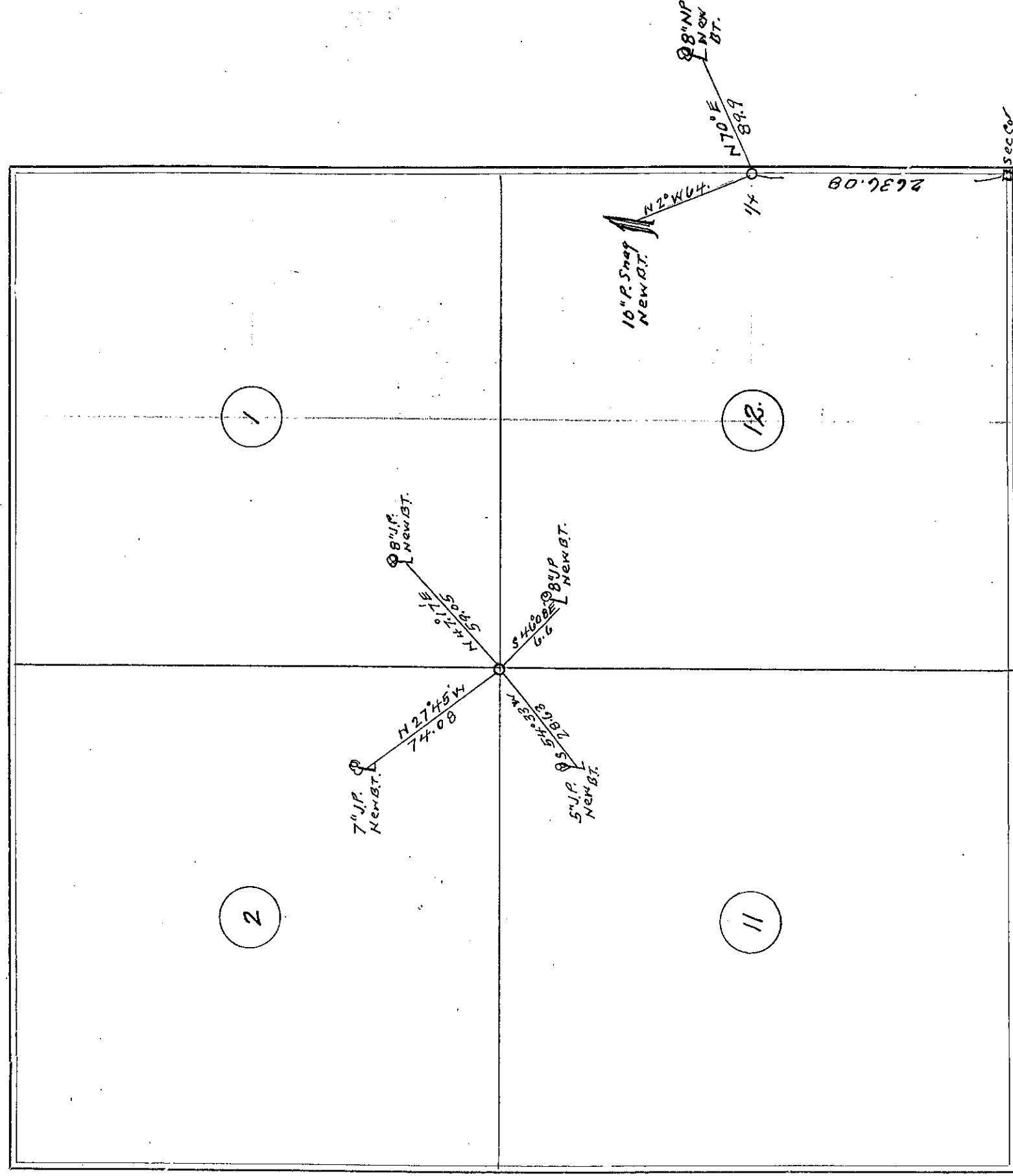
From this $\frac{1}{4}$ corner I run

In Sec 7- T138 R28: East: Compass line on random center line of
Sec 7: a distance of 1212.7 ft and set a small plate for temporary $\frac{1}{16}$ Cor
thence South 2623.68 ft and set small plate for temporary $\frac{1}{16}$ corner.
thence West 1247.74 ft to the SW Cor of Sec 7: thence North along
the Range line bet Sec 7 and 12 ~~712~~ a distance of 2623.08 ft to
the $\frac{1}{4}$ corner the place of beginning
The $\frac{1}{16}$ corners set in Sec 7 are only temporary $\frac{1}{16}$ corners and
may not be exactly correct.

At the $\frac{1}{4}$ Cor bet Sec 19 T138 R28 and Sec 24 T138 R29 I
put in new bearings as follows: Spruce birch N 55° 30' E 52.00 ft in
Sec 19 T138 R28. Two inch Birch N 37° 30' W 16.6 ft in Sec 24
T138 R29. Then to get the approximate lines on the SW $\frac{1}{4}$ of

SURVEY No. 188.

Sections 1-2-11-12 Town 138 N. Range 29 W. 5 P.M.

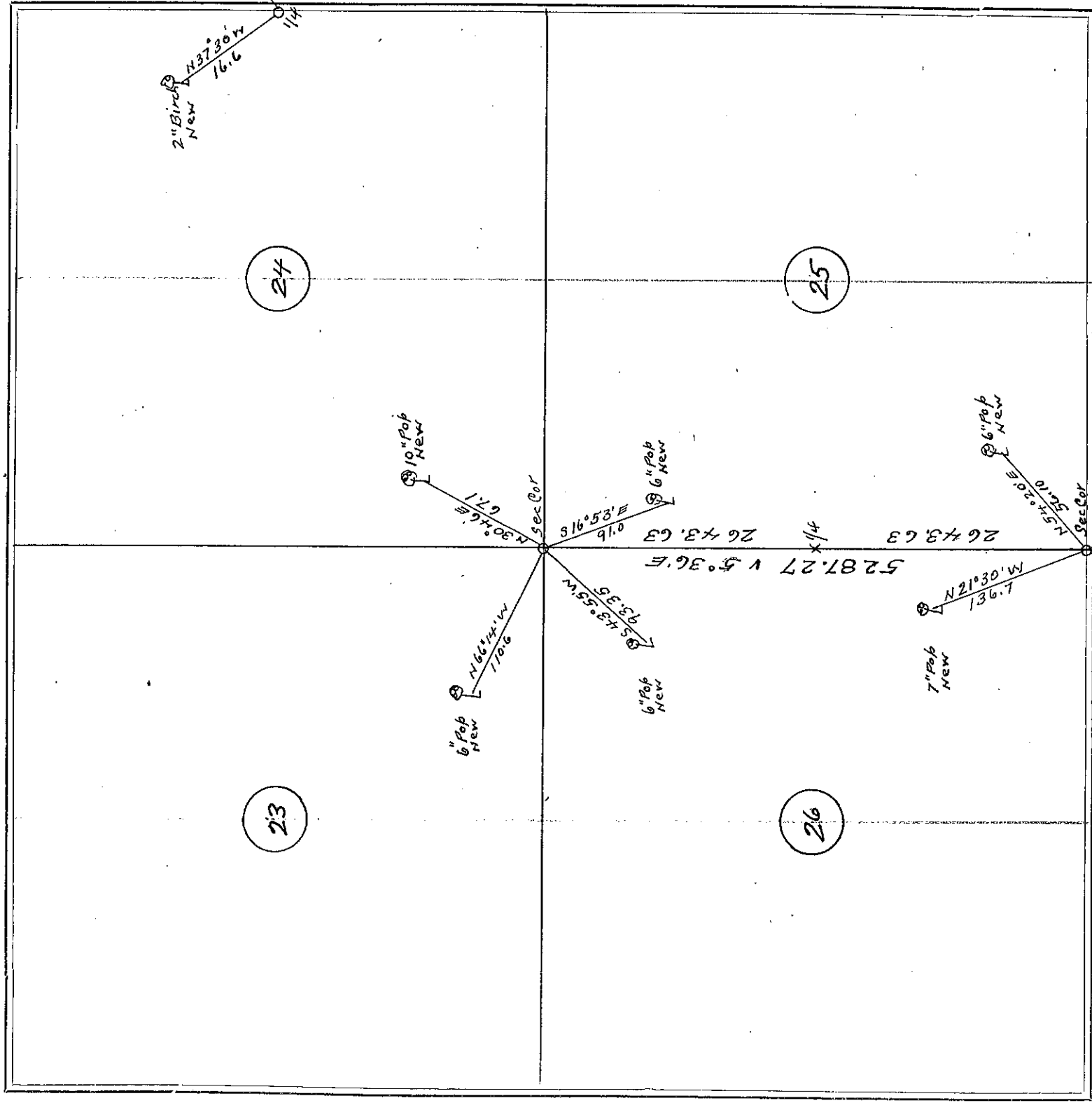


FIELD NOTES.

NW 1/4 Dec 19, I run a compass line In Dec 19 T 138 R 29 28: East 126.06 feet and get small stake: thence North 1311.54 ft and get small stake: thence West 125.7.30 ft and South 1311.54 feet to the 1/4 Corner the place of beginning. The stake set at all only approximately 1/4 corners. As the corner to Sec 25-26-35-36 T 138 R 29 is liable to become lost I mark new bearing lines on follow: From the corner I run In Dec 25 T 138 R 29: N 54° 20' E 56.10 ft to a 6 inch poplar; thence South and West to the corner; thence In Dec 26 T 138 R 29 I run N 21° 30' W 136.7 ft to a 7 inch poplar; thence East and South to section corner; thence I run In Dec 35 T 138 R 29 S 23° W 104.50 ft to a six (6) inch poplar; thence East and North to corner; thence In Dec 36 T 138 R 29 I run S 24° 40' E 107.8 feet to a 5 inch poplar; thence West and North to Sec Cor thence North bet 25 and 26 T 138 R 29 N 5° 36' E; at 26 43.63 set 1/4 Cor. at 5287.27 find stake to corner to section 23-24-25-26 T 138 R 29 where I take new bearing lines on follow: 10 inch poplar N 30° 46' E 67.10 ft in Dec 24 a 6 inch poplar N 66° 14' W 110.60 ft in Dec 23: 6 inch poplar S 43° 36' E 93.35 ft in Dec 26: a 6 inch poplar S 16° 53' E 91.00 ft in Dec 25. then as asked I run: In Dec 24 T 138 R 29: N 30° 46' E 67.10 ft to the 10 inch poplar; thence West and South to Sec Corner; thence In Dec 23 T 138 R 29: N 66° 14' W 110.6 feet to the six

SURVEY No. 188

Sections 23-24-25-26 Town 138 N Range 29 W 5 PM

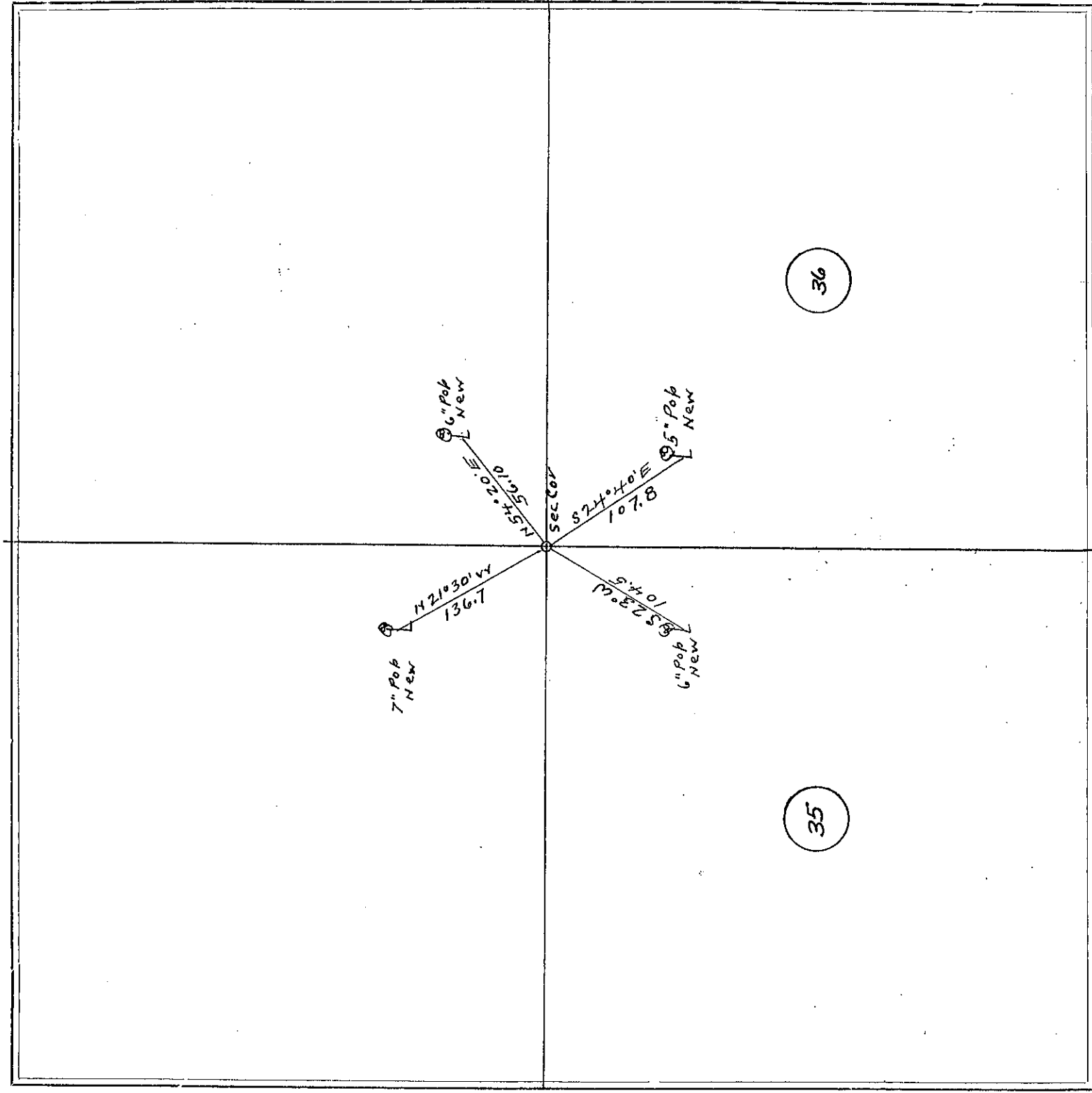


FIELD NOTES.

much poplar; thence south and east to sec corner.
 At the corner to Secs 8-2-11-12 T138 R29 I established new bearing lines as follows:
 In Dec 1 T138 R29 I run N47°17'E 59.05 ft to an 8 inch Jack pine; thence south and West to sec corner; thence
 In Dec 2 T138 R29 I run N27°45'W 74.08 ft to a 7 inch Jack pine; thence East and South to sec corner; thence
 In Dec 11 T138 R29 I run S54°33'W 28.63 ft to a 5 inch Jack pine; thence North and East to sec corner; thence
 In Dec 12 T138 R29 I run S46°08'E 6.60 ft to an 8 inch Jack pine; thence North and West to section corner
 All new bearing lines marked with flat spot at base.
 Beginning at the corner to sections 2-3-10-11- T138 R29 I run
 West bet sec 3 and 10; rough chain. At about 2640 feet the 1/4 corner bet sec 3 and 10 sets North 10 feet.
 I find the stump of the old U.S. bearing line standing NE. and from this stump I set a 3x3x36 inch stake for the 1/4 corner and mark new bearings as follows:
 From the 1/4 corner I run: In section 3. 7138

SURVEY No. 188.

Sections 35-36- Town 138 N Range 29 W 5 PM



FIELD NOTES.

Range 29: N 18° W 45.7 ft to an 8 inch lamnack; thence east and south to the 1/4 corner; thence
 In Dec 10 T 138 N 29 Range 29 160° 15' W 38.70 ft to a 7 inch lamnack; thence north and east to sec corner.
 Surveyed August 1920
 Recorded Aug 31-1920

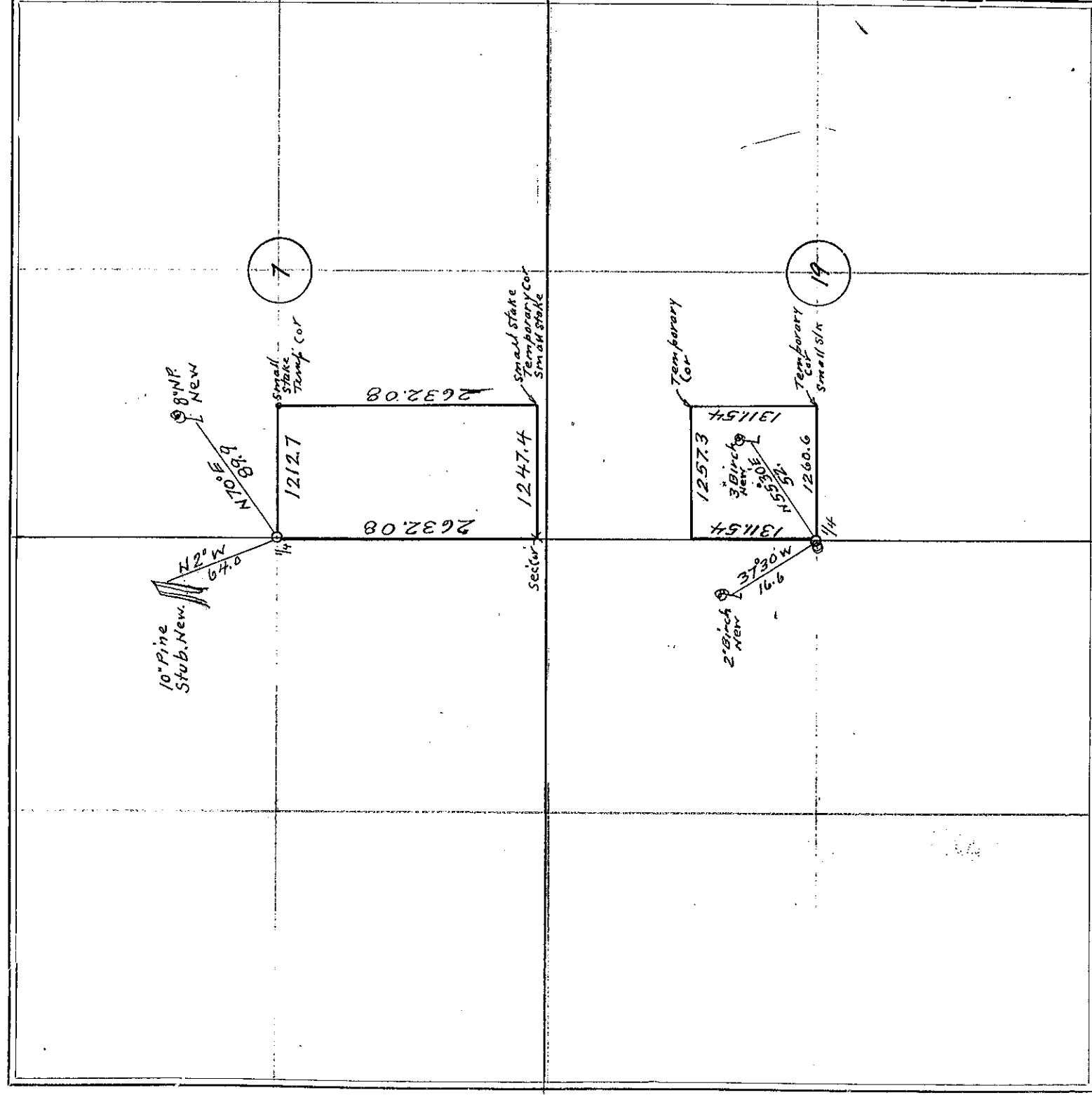
John H. Curo.
 Co. Surveyor

SURVEY No. 188.

Section 5 7 and 19

Town 138 N.

Range 28 W. 5 PM.

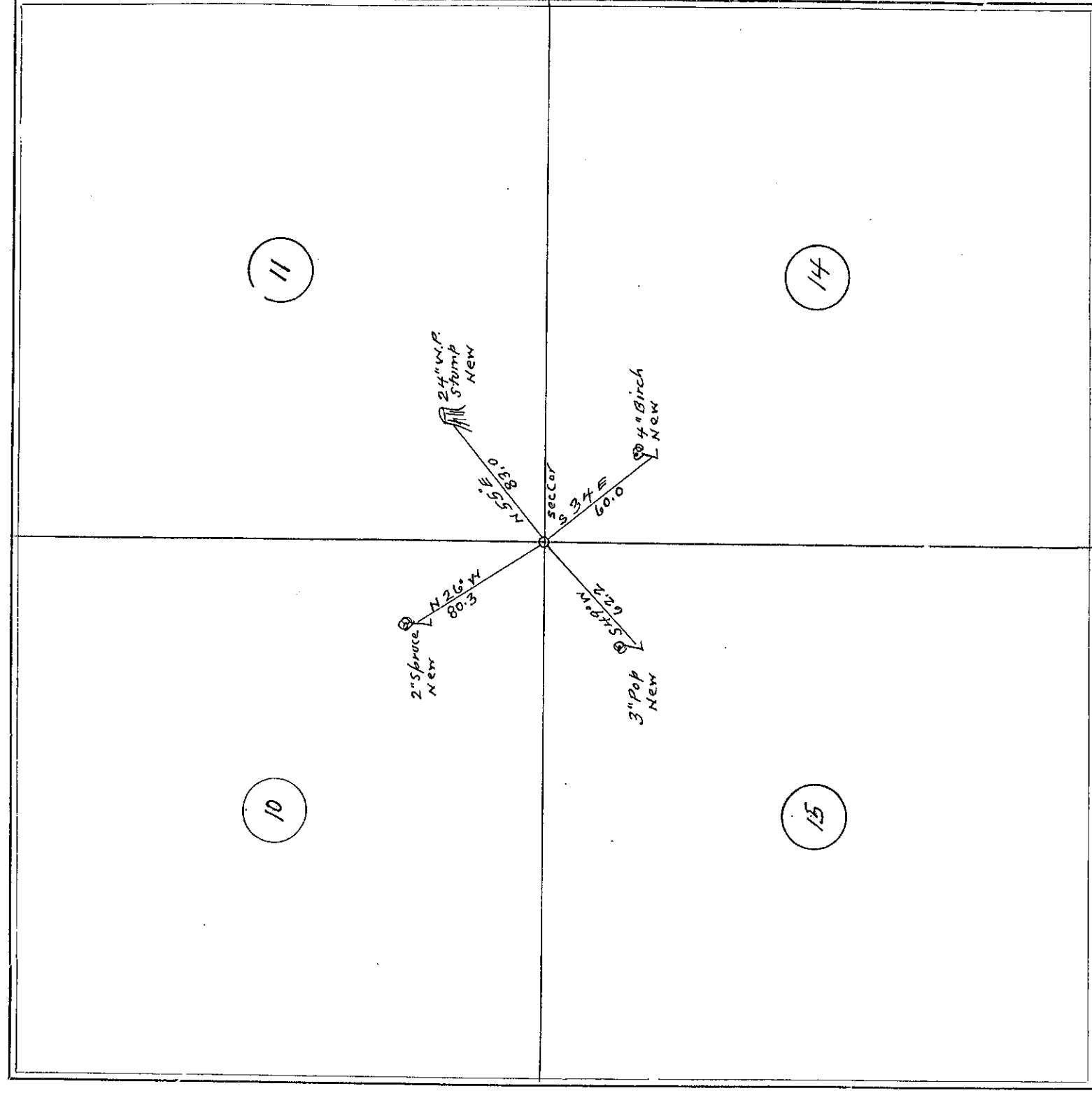


FIELD NOTES.

Note: See field notes of record No. 188
on Page 410 to 413.

SURVEY NO. 189.

Sections 10-11-14-15 Town 138 N Range 28 W 5 P.M.



FIELD NOTES.

Survey extends over

Sections 2-3 T137 N R28 W and

" 10-11-14-15-22-23-34-35-36 T138 R9 28

5 P.M. (row Wing Co. Minn)

Survey made by John H. Curo County Surveyor.
At the 1/4 corner bet Secs 3 and 34 between T137 and 138 N. Range 28 W I mark new bearing to hold the 1/4 point for the line 1/4 corner or fallow: 8 inch landmark set N 6° 30' W 162.30 ft in Sec 34 T138 R9 28. a 15 inch dead landmark S 62° E 168.70 ft in Sec 3 T137 R9 28. Then run check lines and find bearings correct in each section.

At the 1/4 corner between Secs 2 and 35 on the town line between Twp 137 and 138 N. Range 28 W, I find the 1/4 corner liable to become lost, and take new bearings to preserve the point for the line 1/4 corner as follows: I run

In Sec 2 T137 R9 28 I run S 58° 30' W 57.3 ft to an 8 inch Jack pine: thence North and east to 1/4 corner: thence In Sec 35 T138 R9 28 I run: N 3° E 61.6 ft to a 14 inch Norway pine: thence South and West to the 1/4 corner.

At the 1/4 corner between Secs 35 and 36 T138 R9 28 I establish the post and mark new bearings as follows and run:

In Sec 35 T138 R9 28: S 65° W 58.00 ft to a 10 inch Jack pine: thence east and North to the 1/4 cor: thence

In Sec 36 T138 R9 28 I run S 36° 15' E 51.00 ft to a 7 inch Norway pine line: thence West and North to the 1/4 corner

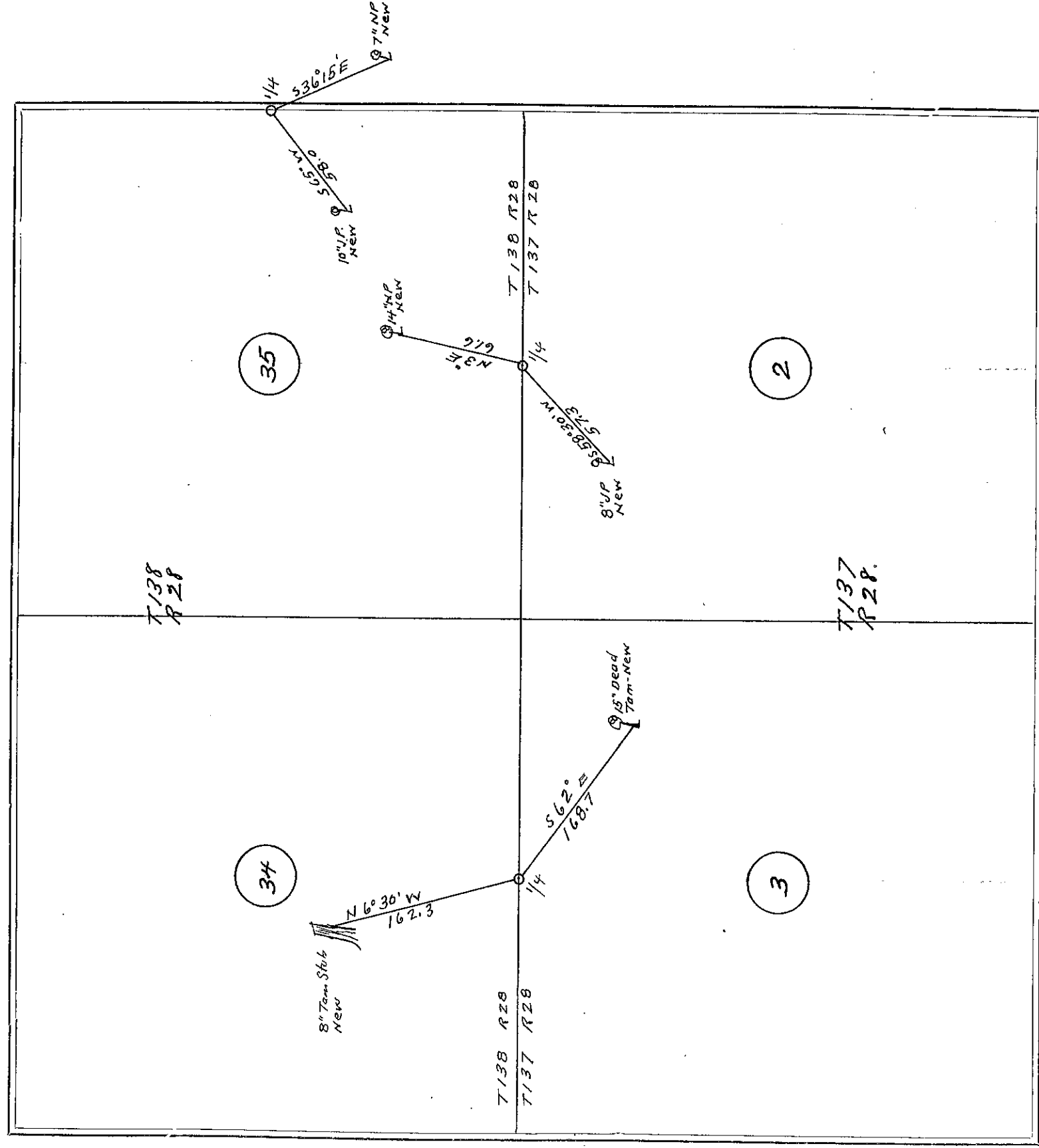
Over

SURVEY No. 189

Sections 34-35
" 3-2

Town 138 N
" 137

Range 28 W
" 28 " 5 PM



FIELD NOTES.

At the $\frac{1}{4}$ corner between Section 22 and 23 T 138 R 28 I establish new bearing to preserve the line $\frac{1}{4}$ corner on yellow and run
 In Sec 22 T 138 R 28 S 52° W 40.00 ft to a 2 inch birch tree; thence east and north to the $\frac{1}{4}$ corner; thence
 In Sec 23- T 138 R 28 I run S 72° E 37.8 ft to a 4 inch oak tree; thence ~~east~~ West and North to the $\frac{1}{4}$ corner.
 At the corner to Secs 10-11-14-15 T 138 R 28 I mark new bearings as follow: and run
 In Sec 11 T 138 R 28: N 55° E 83.0 ft to a 24 inch white pine stump; thence South and West to section corner; thence
 In sec 10 T 138 R 28 I run: N 26° W 80.3 ft to a 2 inch spruce tree; thence east and South to the section corner. thence
 S 49° W 62.20 ft to a 3 inch poplar tree; thence North and east to section corner; thence
 In Section 14 T 138 R 28 I run: S 34° E 60.0 ft to a 4 inch birch tree; thence West and North to the section corner.
 In this survey I have run corner lines in each section and measured same roughly for the purpose of returning the land and also for the purpose of making future surveys and only recording here the work which I have done absolutely correct
 Surveyed August 1920
 Recorded Sept 3rd 1920

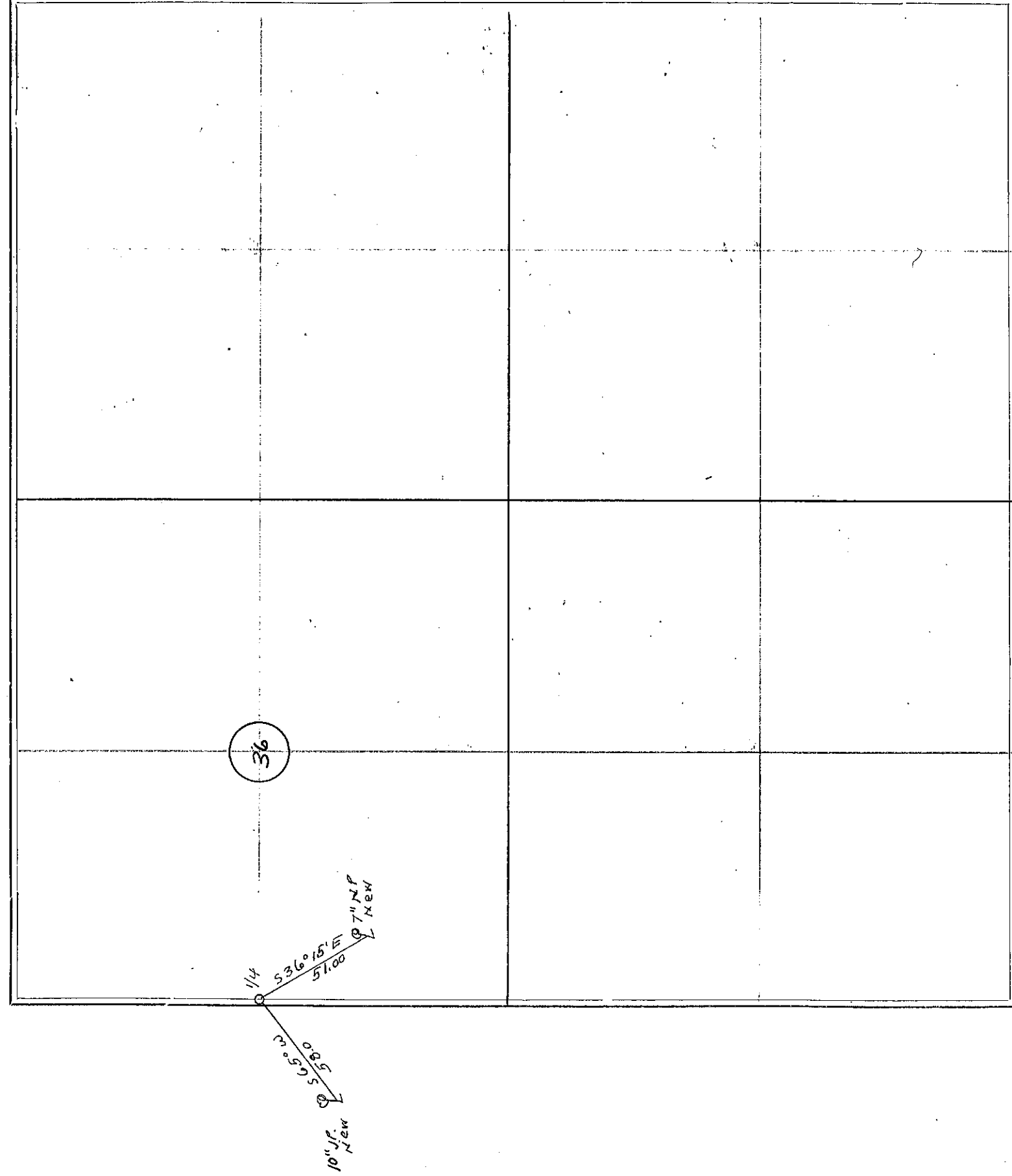
John W. Curo
County Surveyor

SURVEY No. 189.

Section 36

Town 138 N

Range 28 W 5th M.

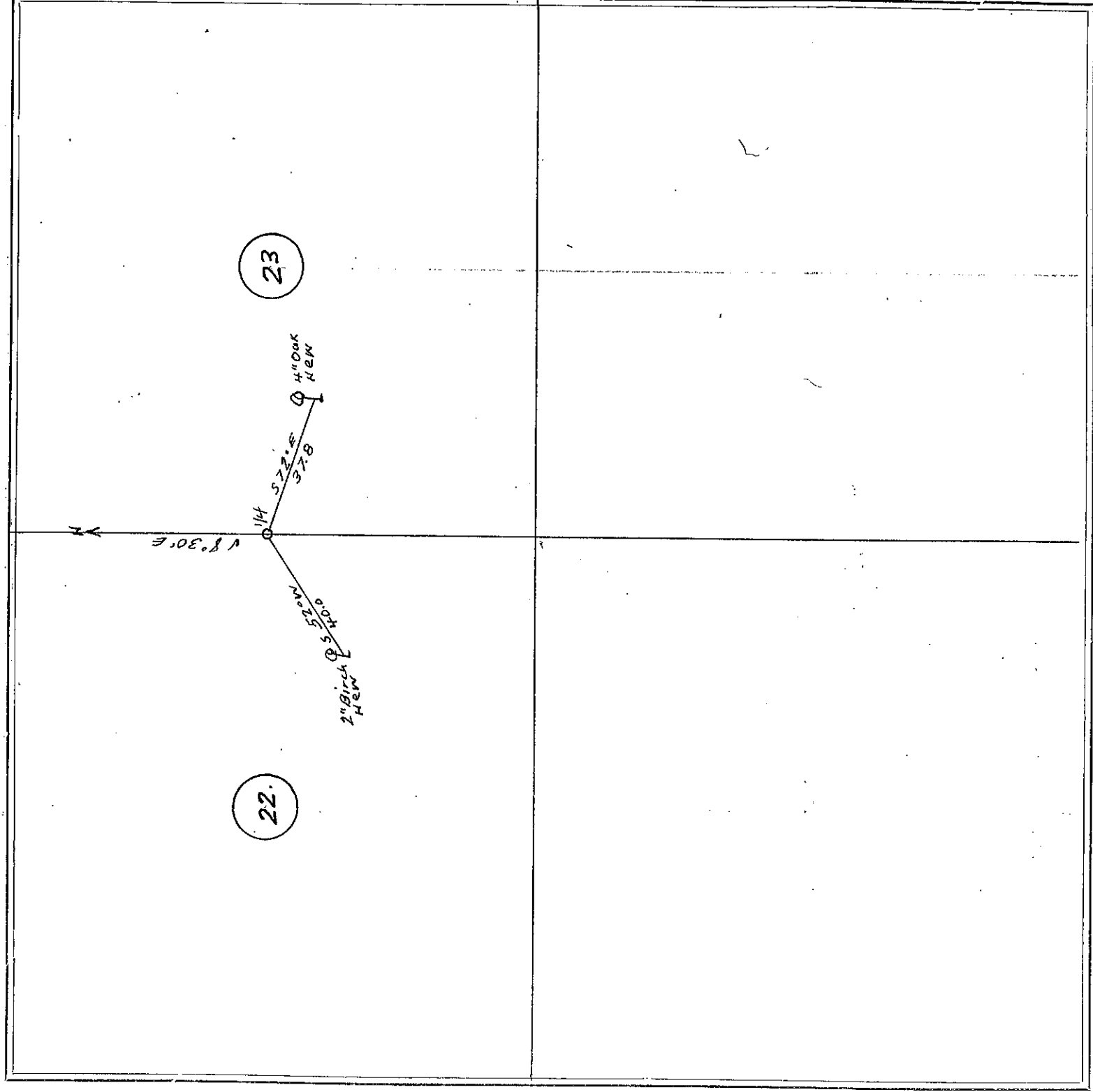


FIELD NOTES.

Note:
For field Notes to Record No. 189
See page 415 to 416.

SURVEY No. 189

Section 522-23 Town 138 N Range 28 W 5 PM



FIELD NOTES.

Note:
For field notes to record No 189
See page 415 to 416.