

92-16-2E
5-15-2E

COUNTY

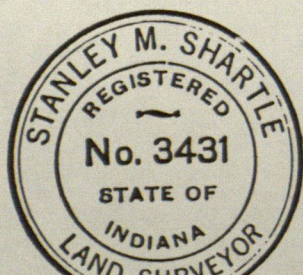
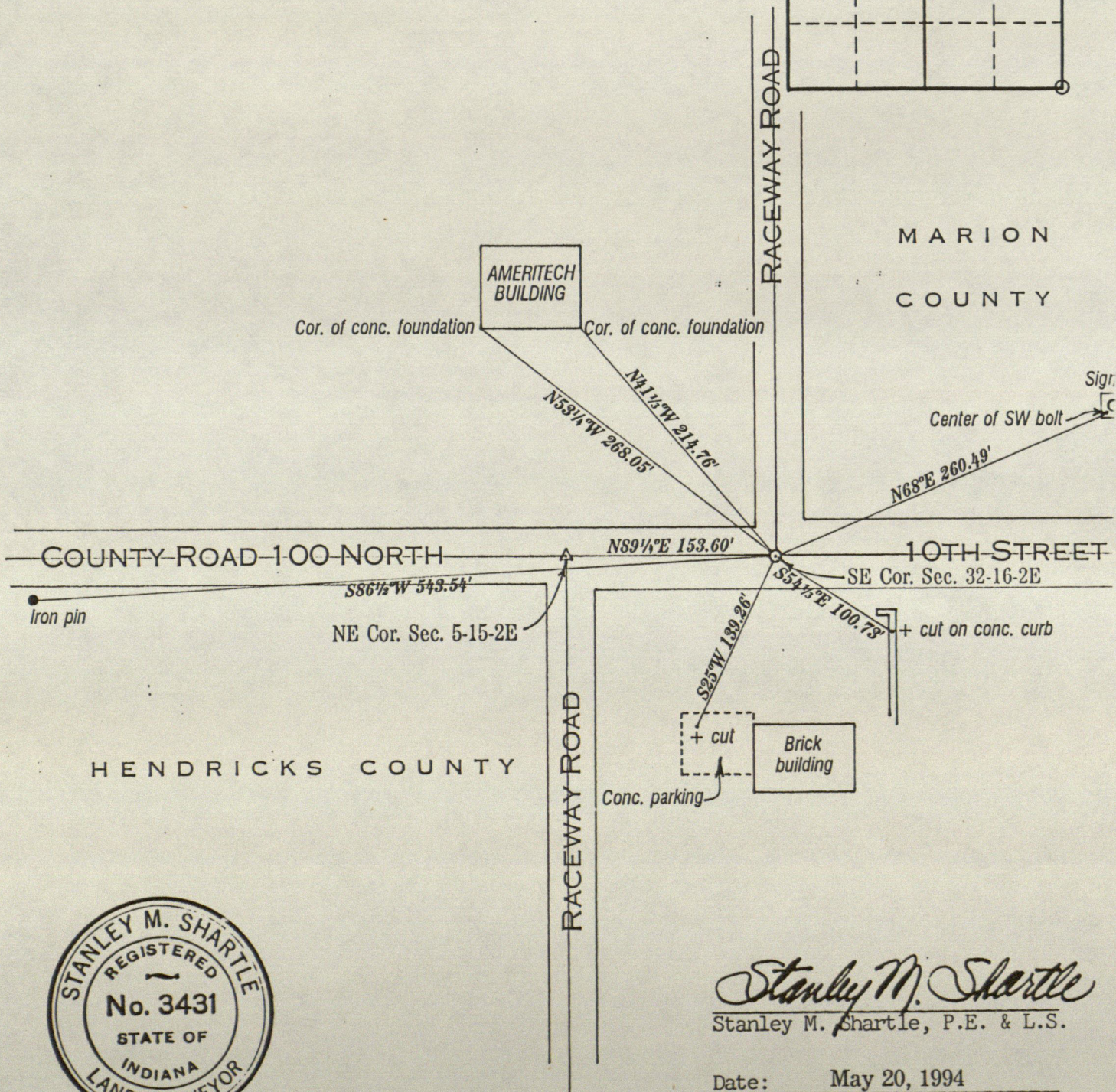
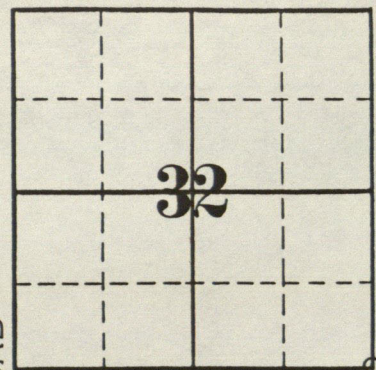
RECORD OF CORNER

LOCATION OF MONUMENT: SECTION 32, T16 N., R2 E.

Found: ☒ Set: ☐ Depth: About 5 inches

Description: Brass plug in concrete pavement

Bearings to reference objects are magnetic unless a contrary mode is shown.



Stanley M. Shartle
Stanley M. Shartle, P.E. & L.S.

Date: May 20, 1994

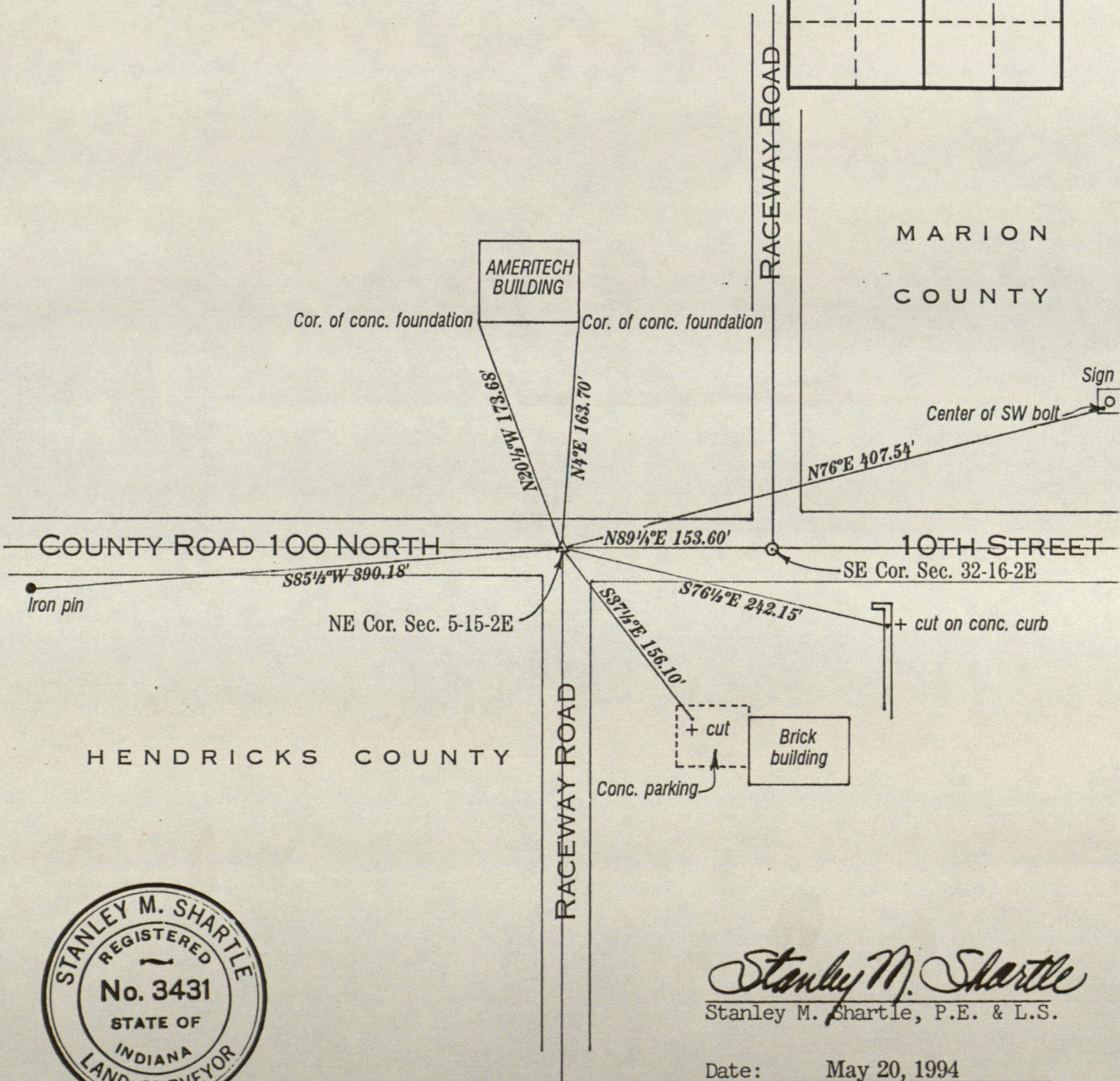
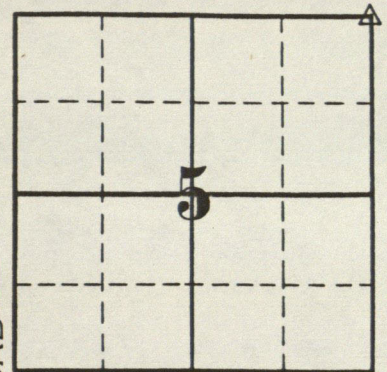
RECORD OF CORNER

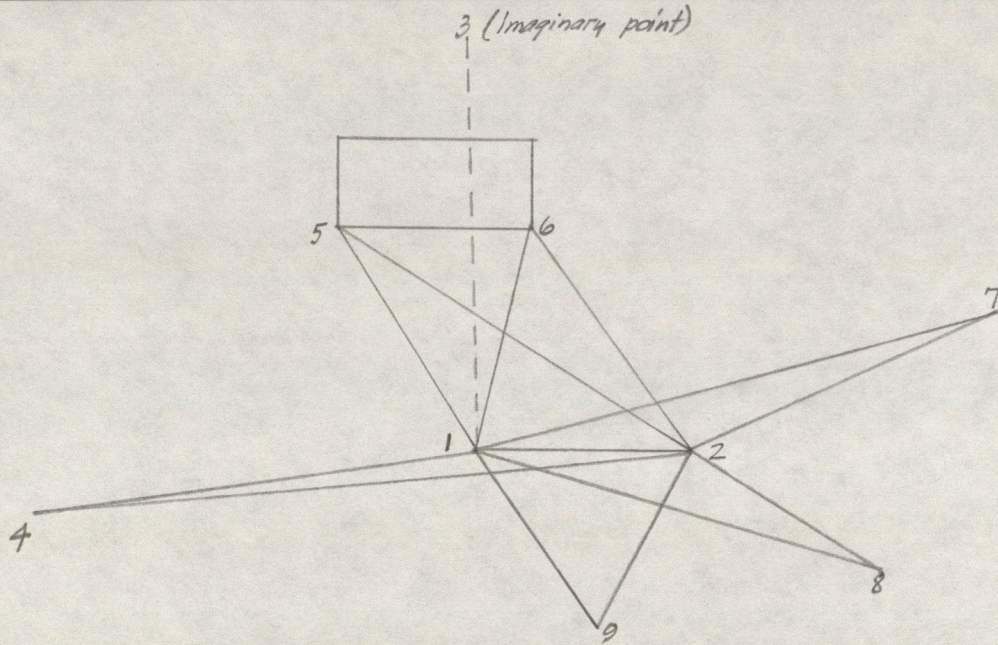
LOCATION OF MONUMENT: SECTION 5, T. 15 N., R. 2 E.

Found: ☒ Set: ☐ Depth: About 8 inches

Description: Stone

Bearings to reference objects are magnetic unless a contrary mode is shown.





1	7	N75-54-48.07E	407.5393
1	2	N89-14-17.10E	153.5982
1	8	S76-27-55.25E	242.1538
1	9	S37-19-33.43E	156.0976
1	4	S85-28-19.38W	390.1802
2	5	N53-12-24.10W	268.0484
2	6	N41-20-24.95W	214.7594
2	7	N68-06-10.63E	260.4926
2	8	S54-20-40.42E	100.7267
2	9	S25-02-14.91W	139.2569
2	4	S86-32-08.09W	543.5403
1	3	N00-00-00.00E	500.0000

Elapsed Time = 00:00:01

#HC2.DAT - Least squares adjustment of the references taken March 11, 1994,
#at the southeast corner of 32-16-2E and at the northeast corner of 5-15-2E.

C	1	500.00000	500.00000	!	!
C	3	1000.00000	500.00000	!	!
M	1-3-5	339.2435	173.560 ⁶³⁸		
M	1-3-6	4.0635	163.708		
M	1-3-7	75.5451	407.530		
M	1-3-2	89.1416	153.615		
M	1-3-8	103.3205	242.155		
M	1-3-9	142.4023	156.105		
M	1-3-4	265.2821	390.185		
D	2-1		153.620		
M	2-1-5	37.3348	268.030		
M	2-1-6	49.2513	214.773		
M	2-1-7	158.5143	260.505		
M	2-1-8	216.2502	100.725		
M	2-1-9	295.4802	139.270		
M	2-1-4	357.1744	543.535		

STAR*NET Adjustment Program
Version 5.040
Copyright 1993 STARPLUS SOFTWARE, INC.
Licensed for Use by Shartle Engineering
Serial Number 10270
Run Date : Sun Mar 13 1994 17:49:54
Default Instrument Standard Error Settings

Distances (Constant) : 0.0160000 US Feet
Distances (PPM) : 3.0000000
Angles : 2.0000000 Seconds
Directions : 2.0000000 Seconds
Azimuth / Bearings : 2.0000000 Seconds
Centering Error Instrument : 0.0030000 US Feet
Centering Error Target : 0.0050000 US Feet
Number of Stations = 9

Number of Observations = 27
Number of Unknowns = 14
Number of Redundant Obs = 13

Observation	Count	Sum Squares	Error
	of StdRes	Factor	
Angles	13	18.49	1.72
Distances	14	10.44	1.24
Total	27	28.92	1.49

Adjustment Fails the Chi Square Test at 5% Level

Adjusted Observations and Residuals

=====

Adjusted Angle Observations

At	From	To	Adj Angle	Residual	StdErr
StdRes					
1	3	5	339-24-47.46	0-00-12.46	7.04 1.8
1	3	6	4-06-31.89	-0-00-03.11	7.38 0.4

1	3	7	75-54-48.07	-0-00-02.93	4.19 0.7
1	3	2	89-14-17.10	0-00-01.10	8.42 0.1
1	3	8	103-32-04.75	-0-00-00.25	5.99 0.0
1	3	9	142-40-26.57	0-00-03.57	8.77 0.4
1	3	4	265-28-19.38	-0-00-01.62	4.43 0.4
2	1	5	37-33-18.81	-0-00-29.19	8.41 3.5*
2	1	6	49-25-17.95	0-00-04.95	9.03 0.5
2	1	7	158-51-53.53	0-00-10.53	10.22 1.0
2	1	8	216-25-02.48	0-00-00.48	15.74 0.0
2	1	9	295-47-57.81	-0-00-04.19	11.15 0.4
2	1	4	357-17-50.99	0-00-06.99	7.81 0.9

Adjusted Distance Observations (US Feet)

StdRes	From	To	Adj Dist	Residual	StdErr
1	5		173.6756	0.0376	0.0175 2.1
1	6		163.7047	-0.0033	0.0175 0.2
1	7		407.5393	0.0093	0.0182 0.5
1	2		153.5982	-0.0168	0.0175 1.0
1	8		242.1538	-0.0012	0.0177 0.1
1	9		156.0976	-0.0074	0.0175 0.4
1	4		390.1802	-0.0048	0.0181 0.3
2	1		153.5982	-0.0218	0.0175 1.2
2	5		268.0484	0.0184	0.0178 1.0
2	6		214.7594	-0.0136	0.0176 0.8
2	7		260.4926	-0.0124	0.0178 0.7
2	8		100.7267	0.0017	0.0173 0.1
2	9		139.2569	-0.0131	0.0174 0.8
2	4		543.5403	0.0053	0.0186 0.3

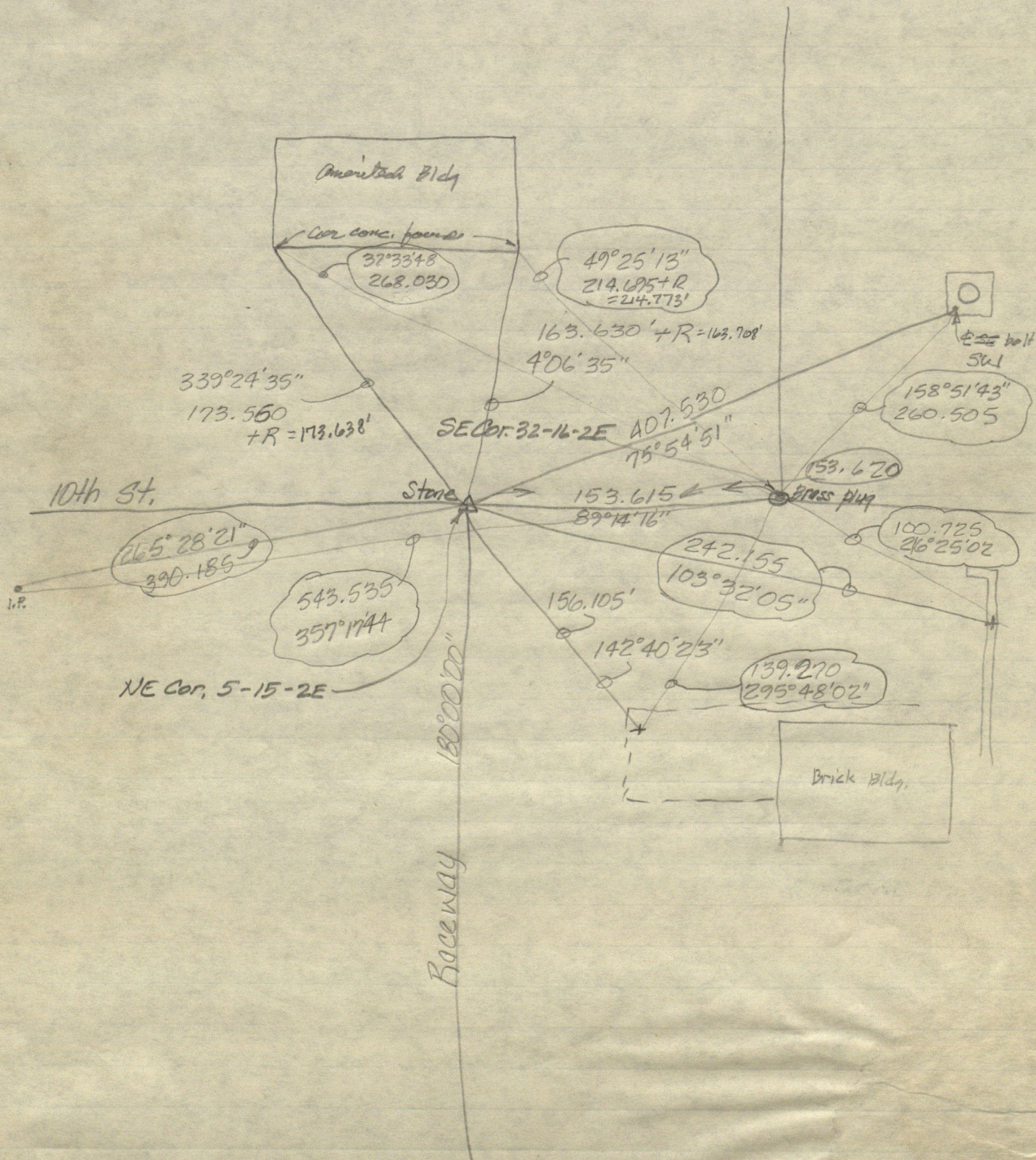
Adjusted Bearings and Horizontal Distances (US Feet)

=====

From	To	Bearing	Distance
1	5	N20-35-12.54W	173.6756
1	6	N04-06-31.89E	163.7047

3-11-94

62



PATSY,

Stan

RE: 10th ST. & RACEWAY ROAD
INTERSECTION IMPROVEMENT

IF YOU WANT TO DO ANYTHING
OTHER THAN WHAT THEY SPECIFY
HERE (LIKE GET STAN TO VERIFY
THE CORNERS & REFERENCE THEM
OUT OF THE WORK AREA & THEN
MARK THE ACTUAL LOCATIONS WHERE
THE MONUMENTS WILL BE SET LIKE
WE DID ON BRG. 254) JUST LET
ME KNOW.

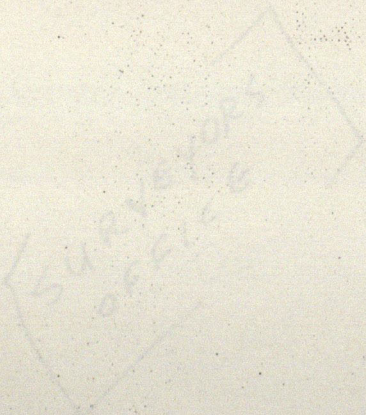
THE LETTING IS SET FOR FEB. 22, 1994,
WITH CONSTRUCTION BEGINNING IN
MIDDLE MARCH ±

THANKS,
STEVE MAX.

RECEIVED

FEB 2 1994

HENDRICKSON, S. J. OR



Phase II

Phase II construction shall involve the widening and resurfacing of 10th Street (Line "S-1"). Through traffic shall be maintained at all times on the existing road as shown on the plans.

Section Corners

The Contractor shall re-establish two section corners located at Sta. 55+00.00, 00.00' "S-1" and Sta. 56+53.92, 00.00' "S-1". The plugs shall be furnished by Hendricks County.

UTILITY INFORMATION

Neither Hendricks County, the Indianapolis Department of Transportation, nor the design consultant(s) guarantee the accuracy of any utility information shown on the plans or described in the contract documents. The CONTRACTOR shall be responsible for the availability and the accuracy of information, coordination, and scheduling of the work by the utilities.

The Contractor's attention is called to the fact that there are multiple copper and fiber optic telephone cables buried within the project limits cooperation with Indiana Bell Telephone shall be required to insure that no damage is done to any telephone cable.

The following is provided for information purposes only.

Indianapolis Water Company - 317-236-6446

Citizens Gas and Coke Utility - 317-927-4404

Indiana Bell Telephone Co. - 317-252-5064

Indianapolis Power & Light Company - 317-261-8641

Comcast Cablevision - 317-353-2225

Indianapolis Department of Public Works - 317-236-5047

American Cablevision - 317-632-9077 EXT. 306

SURVEYORS
OFFICE

RECEIVED

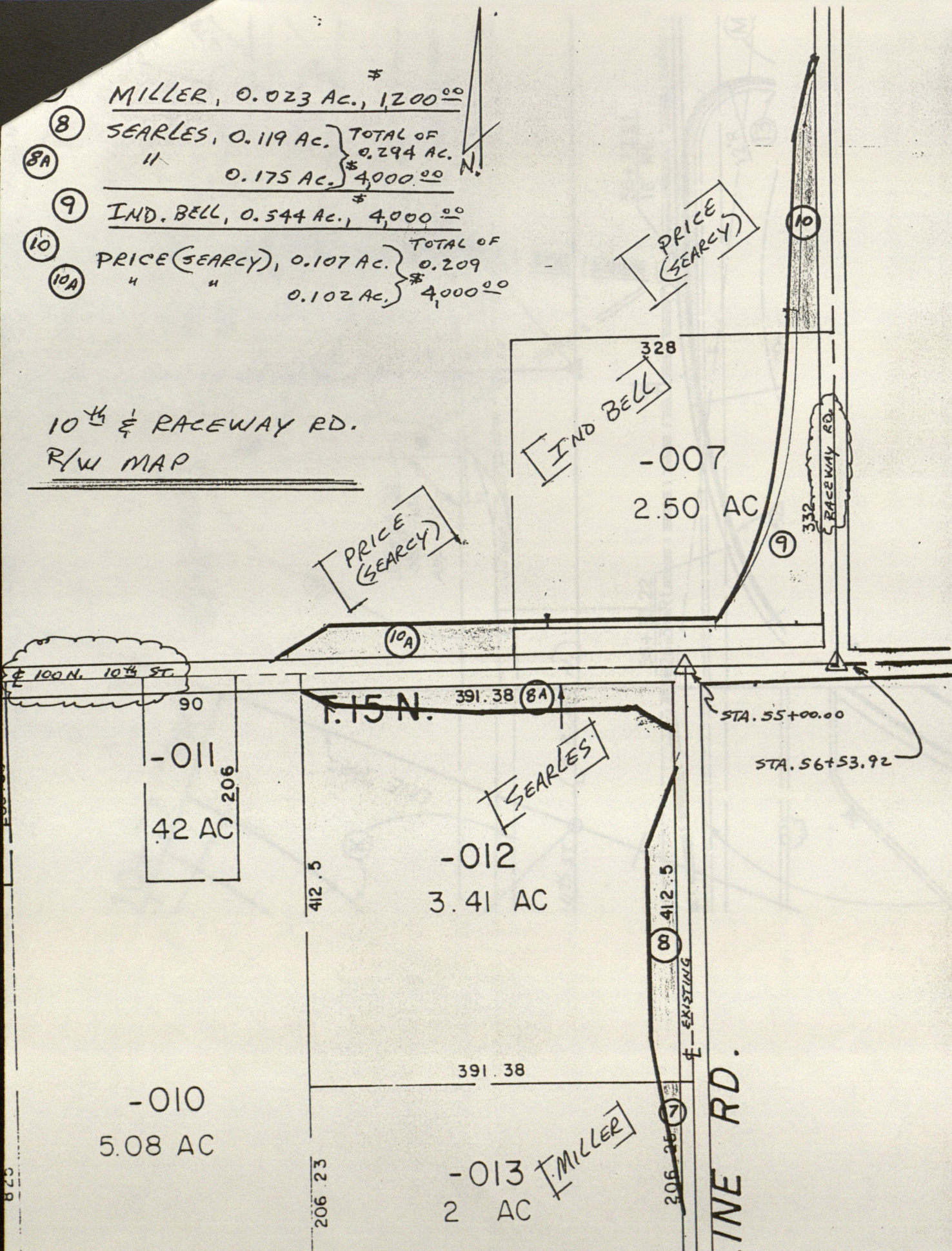
FEB 2 1994

HENDRICKS CO. SURVEYOR

22

PRICE (SEARCY), 0.107 Ac. } 0.209
" " 0.102 Ac. } \$ 4,000⁰⁰

10th & RACEWAY RD.
R/W MAP



$$\Delta = 69^{\circ} 13' 22.6'' \text{ Rt.}$$
