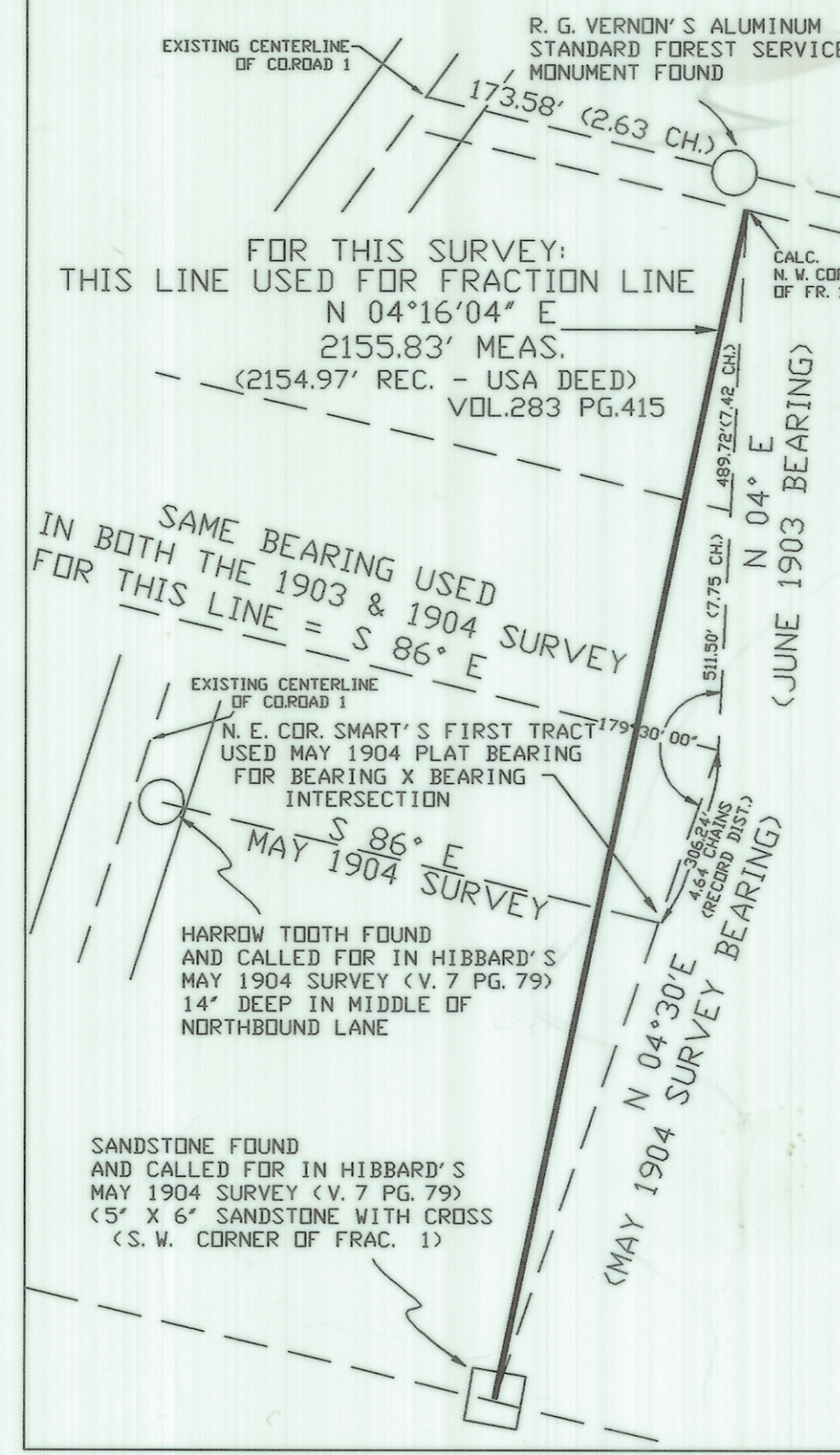


SURVEY NOTES:

- 1) ALL SET IRON PINS ARE 5/8" DIA. REBAR, 30" LONG WITH A YELLOW PLASTIC 1" D. CAP INSCRIBED "T.M. TRANTINA RLS-8320"
- 2) BEARINGS ARE BASED ON A SURVEY BY S. H. HIBBARD IN MAY, 1904 AS SHOWN ON VOL. 7 PAGE 79 OF COUNTY SURVEYOR'S RECORDS.
- 3) THE BASIS OF BEARING USED IS FOUND BY CREATING A BEARING X BEARING INTERSECTION BETWEEN FOUND MONUMENTS AS SHOWN IN THE DIAGRAM AT RIGHT.
- 4) REFERENCES USED: TAX PLATS AND DEEDS OF RECORD, PREVIOUS SURVEYS BY LEONARD F. SWOYER, GEORGE SEYMOUR, LLOYD GIBBONS, R. G. VERNON AND ASSOCIATES, AND S. H. HIBBARD'S JUNE 1903 AND MAY 1904 SURVEYS FOUND IN VOLUME 7 PAGE 55 AND VOLUME 7 PAGE 79 OF THE ATHENS COUNTY SURVEY RECORDS IN THE COUNTY ENGINEER'S OFFICE AND E. H. MOORE AND S. B. PRUDEN'S APRIL 1839 SURVEY IN VOLUME 1 PAGE 119 OF THE SAID ATHENS COUNTY SURVEY RECORDS.
- 5) THE NORTH LINE OF LOT 1 IS DESIGNATED AS A "BOUNDARY AGREEMENT LINE" AND THIS ONE LOT SUBDIVISION SHALL ONLY BECOME VALID WHEN CHARLOTTE SMART, OWNER BY DEED OF RECORD IN VOLUME 382 PAGE 395 OF THE ATHENS COUNTY OFFICIAL RECORDS AND CRISTY JAMES, OWNER BY DEED RECORDED IN VOLUME 319 PAGE 637 OF THE ATHENS COUNTY OFFICIAL DEED RECORDS, SUBSCRIBE TO SAID LINE BY A LEGAL DOCUMENT SIGNED AND RECORDED IN THE ATHENS COUNTY OFFICIAL DEED RECORDS.
- 6) LOT 1 IS SUBJECT TO TWO 50' WIDE EASEMENTS FOR ELECTRIC LINES, WITHIN WHICH NO RESIDENTIAL BUILDING IS PERMITTED. THE OWNERS OF LOT 1 SHALL BE RESPONSIBLE FOR CONTACTING THE ELECTRIC COMPANY AUTHORITIES TO MARK THE EXACT LOCATION OF SAID RIGHT OF WAY AND FOR THE DETERMINATION OF ANY AND ALL RESTRICTIONS WITHIN SAID RIGHT OF WAY.
- 6) THIS SURVEY IS SUBJECT TO ALL LEGAL DESCRIPTIONS, EASEMENTS, RIGHT OF WAYS AND RESTRICTIONS OF RECORD.

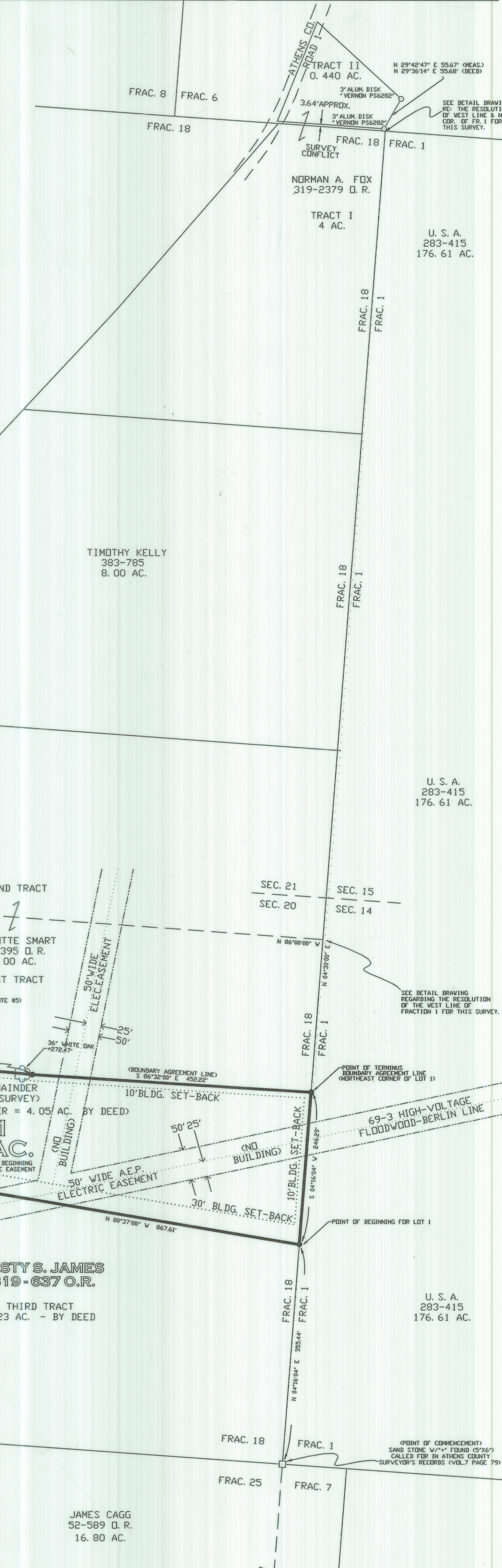
THE BEARINGS IN THIS DETAIL DRAWING ARE NOT DRAWN TRUE AND THE DISTANCES ARE NOT TO SCALE. THE LINES HAVE BEEN PURPOSELY EXAGGERATED TO CLEARLY SHOW THE ELEMENTS USED TO MAKE THIS RESOLUTION.



COMMENTS:

- 1) BASICALLY, TO ESTABLISH THE N.W. CORNER OF FRACTION I, A BEARING X BEARING INTERSECTION FROM FOUND, ORIGINAL AND UNDISTURBED MONUMENTS FROM S. H. HIBBARD'S MAY 1904 SURVEY WAS USED TO CREATE THE N.E. CORNER OF CHARLOTTE SMART'S FIRST TRACT (AS CREATED BY HIBBARD) THEN, USING HIBBARD'S 1904 BEARING & DISTANCE ALONG THE EAST LINE OF SMART'S SECOND TRACT TO CREATE THE N.E. CORNER OF SMART'S SECOND TRACT. HERE THE LINE HAS A BEND IN IT AS YOU GO NORTH (AS SHOWN ON DETAIL AT LEFT) BECAUSE HIBBARD USES THE SAME EAST/WEST BEARING OF N 04° E WHERE THE 1903 & 1904 SURVEY JOIN, BUT USED A DIFFERENT NORTH/SOUTH BEARING ON THE WEST LINE OF FRACTION I IN 1903. APPARENTLY, S. H. HIBBARD NEVER RAN THE ENTIRE WEST LINE OF FRACTION I IN 1903. PERHAPS IN 1904 HE FOUND THAT THE 1903 BEARING WOULD NOT CLOSE ON THE S.W. CORNER OF FRACTION I. THIS CREATES A BEND IN THE LINE AT THE N.E. CORNER OF SMART'S SECOND TRACT AS IS SHOWN ON THE DETAIL DRAWING. APPARENTLY, HIBBARD CHOSE NOT TO CORRECT THE ENTIRE LINE. HIBBARD'S SURVEYS WERE USED TO RECONSTRUCT THE MISSING CORNER (STONE) AT THE N.W. CORNER OF FR. I, BUT HE USED A STRAIGHT LINE FROM THAT CALCULATED CORNER TO THE FOUND STONE AT THE S.W. CORNER OF FR. I, BECAUSE E. H. MOORE'S ORIGINAL 1839 SURVEY IS STRAIGHT.
- 2) THE MONUMENT SET BY R. G. VERNON (319-2379 D.R. & 275-614 D.R.) DOES NOT STATE IT IS THE FRACTION CORNER BUT AS BEING ON THE SOUTH LINE OF FRACTION I. APPARENTLY, TO CREATE THIS MONUMENT A DISTANCE SOLUTION WAS USED BASED ON THE RECORD DISTANCE BETWEEN THE N.W. CORNER OF FR. I AND THE CENTER OF COUNTY ROAD 1 AS FOUND IN HIBBARD'S 1903 SURVEY OF E 63 CHAINS (173' 58") AND RECORD DISTANCE ALONG THE WEST LINE OF FR. I, AS GIVEN IN E. H. MOORE'S 1839 SURVEY OF 38 7/8 CHAINS (12109.82').
- 3) RECORD DISTANCE FROM THE CALC. CORNER FOR THE N.W. CORNER OF FR. I FOR OUR SURVEY TO THE EXISTING CENTERLINE OF COUNTY ROAD 1 FALLS IN THE MIDDLE OF THE NORTHBOUND LANE. SINCE THE FOUND HARROW TOOTH ALSO WAS NOT IN THE CENTER OF EXISTING COUNTY ROAD 1 IT IS DEBATABLE WHETHER THE ROAD HAS ALSO CHANGED IN THIS AREA OVER THE YEARS AND CONSTITUTES A "DISTURBED MONUMENT".
- 4) THE DISTANCE GENERATED BY THIS RESOLUTION ALONG THE WEST LINE OF FRACTION I IS 2155.83' AND COMES VERY CLOSE TO THE DISTANCE GIVEN IN THE U.S.A. DEED (V. 283 PG. 415) OF 2154.97' (32.651 CHAINS).

CONCLUSION: GIVEN ALL THE VARIABLES AT HAND, IN TWO DIFFERENT CALCULATED RECONSTRUCTIONS OF THE N.W. CORNER OF FRACTION I USING "CHAIN" DISTANCES, IT IS SURPRISING HOW CLOSE THEY CAME. APPROX. N 27°16'50" W 4.26'. OUR RESOLUTION USES TWO ORIGINAL MONUMENTS THAT HAVE NOT BEEN DISTURBED.



50' WIDE PRIVATE EASEMENT BEARINGS AND DISTANCES:

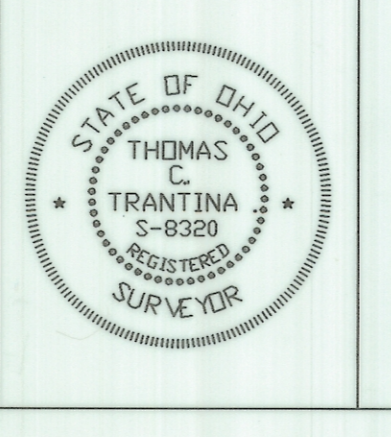
CURVE	RADIUS	ARC LENGTH	BETA ANGLE	CHORD LENGTH	CHORD BEARING
C1	50.00'	17.44'	63.93°	33.53'	S 15°29'59" W
C2	50.00'	33.69'	127.87°	33.47'	S 59°34'49" E

L1	S 58°54'59" W	148.93'
L2	S 28°32'20" W	88.79'
L3	S 44°24'58" W	77.68'
L4	S 72°38'20" W	78.21'
L5	S 76°29'52" W	83.54'
L6	S 81°29'18" W	78.49'
L7	N 10°26'52" W	41.67'
L8	N 61°41'47" W	133.52'
L9	S 30°28'54" E	30.17'
L10	S 41°41'47" E	128.61'
L11	S 10°28'52" E	141.07'
L12	N 81°33'13" E	74.80'
L13	N 76°05'17" E	61.58'
L14	N 72°38'20" E	63.99'
L15	N 64°24'58" E	68.54'
L16	N 59°32'21" E	86.34'
L17	N 58°54'59" E	85.91'
L18	S 89°37'49" E	77.28'

THE CHARLES JAMES & CINDY WILLIAMS SUBDIVISION
SITUATED IN FRACTION 18, SECTION 20, TOWN 12, RANGE 15,
ATHENS COUNTY, OHIO

SOUTHEASTERN LAND SURVEYS
THOMAS C. TRANTINA
REGISTERED PROFESSIONAL LAND SURVEYOR

RR1501 BOCCA BLDG., 2880 OLD RT.35
SPRINGFIELD, OHIO 45774
740/298-9701



LOT 1 OF THE CHARLES JAMES & CINDY WILLIAMS SUBDIVISION

DRAWN	DATE	REVISION:
T.T.	6/29/06	7/03/06

APPROVED	DATE
T.T.	6/29/06

SCALE	SHEET	PROJECT No.
1" = 100'	2 OF 2	

20060005685
Filed for Record in
ATHENS COUNTY, OHIO
JULIA MICHAEL SCOTT
06-24-2006 At 09:35 AM
PLAT
ENV 554B