E1 - T2N, R1E
Northeast Corner of Sec 5
DV - GMS 13-AG-05

1934
N22° 11' 05" W, Accl. NNT on the E, line of U. Pole
N22° 10' 40" 04' Reb NNT on the W face of a 16" Main
N22° 44' 95" Top center of a telegraph pole
N22° 11' 17" FS 15' BAC was c/o Remo, plastic cap (Damaged)
N22° 33' 50.54 E Edge of Stop sign base
Existing Monuments: Found 1/2 x 30 ft stake,
head in concrete, monument box. Owner certificates calls for concrete monument. Excavated to a depth of 1.5 feet to the base of the old roadway
and did not find evidence of a concrete mon

Checked existing witness, redrew new rules
Hold Res a. rebuild pavement

Point is 1.9 nor SE 52 E of Burke St

33.98' to pipe in main, as witnessed
by Accl.ade

Area lies within a small fill section
and not excavated due to prior excavations
conducted by Eng C. Reiners in 1930.
DB - TZN, R1E
SOUTH 1/4 Cor. Sec. 5

20V - GM13
N42 85' 110 40' SET NWT 665.65 264.38 20' Oak
N42 195' 110 40' SET NWT 665.85 264.58 20' Good Elm
N42 255' 110 40' POINT 41239 665.00 Face of 36' Maple
N42 315' 108 40' SET NWT 664.90 264.90 Face of 36' Silver Maple
N42 375' 108 40' SET NWT 663.75 265.35 10' Bronze Maple
N42 330' 108 40' SET NWT 663.00 265.00 10' Deco Elm

Existing Monument 16 Feb 2005
1 1/4" x 1/4" x 18" Steel Bar

Offset Point in 3 Directions at Encountered Point. Found pottery sherds at a depth of 1.5 feet at the base of the old gravel road bed. Continued excavating to a depth of 2.5 feet and found pieces of pottery with definition held center of EA. Steel Bar as faithful perpetuation.

10' Asphault
10' Gravel
HARD CLAY

Columbia Road
SOUTH LINE Sec 5

Keeps 10946 365' 6" Elm
10' Deco Elm

SOUTH 1/4 Cor. Sec. 5, TZN, R1E
Equipment

1. Calibrated Leica GPS Real time receiver
2. TO 500 Total Station
3. Calibrated 100' Steel Tape

TOWNSHIP 1 EAST
RANGE 2 NORTH

2005 Ingham Co. Remine
Geodetic Designs Inc.
10739 Bond Road
DeWitt, MI 48820

David J. Vardenberghe, P.S.
Gilbert M. Borch, P.S.
SECTION CORNER RECOVERY SHEET

INGHAM TOWNSHIP
T.2N., R.1E.
CORNER CODE: E-2

MONUMENT CALLED FOR: 1/2" BAR AND CAP
MONUMENT FOUND: SAME

WITNESSES:
1. FOUND NAIL AND TAG IN WEST SIDE OF 24' ASH, SSW.
2. FOUND NAIL AND TAG IN NORTH SIDE OF 18' ASH, WEST.
3. FOUND NAIL AND TAG IN WEST SIDE OF 15' ASH, SW.

GPS VISIBILITY NOTES
POOR

LOCATION SKETCH

FENCE LINE
FACE LINE

KEBS, INC.
KEBS ENGINEERING
2116 BICKLE ROAD, HASLET, TX 76052
PH. 817-303-1014, FAX 817-303-8047
PL. 817-338-8047
PL. PH. 972-338-8047
GOOD

GPS VISIBILITY NOTES

LOCATION SKETCH

1. SET NAIL AND TAG IN WEST SIDE OF 5" MAPLE, SOUTH.

WITNESSES:

MONUMENT FOUND: SAME

MONUMENT CALLED FOR: CONCRETE MON. #18998

LOCAL USED IN RECOVERY: LIBERTY 6, PAGE 127

CORNER CODE: E-1

SECTION: 4,5

INGHAM TOWNSHIP

INGHAM COUNTY
TRAV PT #20 SET AS NA1 & EDGE BIT 190' N. OF WESTBOUND HOWELL ROAD

NW CORNER, SECTION 5, T2N, R1E
Found ½" BAR 2.3' W of W. edge bit, @ HOWELL ROAD
Found NAT W SIDE 40' OAK 145.30 N 20.0° E
S. EDGE STOP SIGN EAST 63.72 N 80.0° E
SET NAT #28414 W SIDE POWER POLE 93.4' S 28.0° W
Found NAT #28969 W side 18' POPLAR 28.88 S 8° E
C/13 T2N R1E EAST 211'

COS 5 T2N R1E
Found ¾" BAR & CARRIER 17022 in E-W S FENCE CORR
SET NAT #28414 W SIDE 15' CHERRY WEST 39.50
SET NAT #28414 W SIDE 27' MAPLE SOUTH 10.56
SET NAT #28414 S SIDE 5' MAPLE EAST 6.82
Found NAT = 189.98 S SIDE 42' OAK NORTH 189.85

SW CORNER, SECTION 5, T2N, R1E
Found ¾" PIPE & CARRIER #1370 in MON BOX @ INTERSECT
Found NAT #11370 N SIDE POWER POLE WEST 147.3
Found NAT #11370 N SIDE POWER POLE WEST 147.3
Top center phone pedestal NORTH 43.35
SET NAT #28414 N SIDE 8' TRIPLE ELM SSOE 63.88

Witnesses Provided by underwater Eng.
FD #2 STEEL BAR IN ALPHIAT 11'-4".
SOUTH OF THE CENTERLINE OF COLUMBIA RD.
CORNER WAS SET BY ACING C. WINGERS FOR
L.S. PG 270 OF RECORD WITHIN 1.26 PEET
OF THE NOTED MARK OF A SURVEY BY
W.A. ROYCE, Co Surveyor in 29-APR-1876

Hold corner as a facilitation part of the corner using a sound witness
set Standard Survey Bar - (5)

NAD 87' 140.32' FD NTH # 1882955 SEC 26 T38N
W15: 45.74' FD NTH # 188445 SEC 34 T38N
W15 44.61' E Side of U. Pole.
NAD 157.15' SET NTH C. Face of U. Pole.
NAD 157.19' FD NTH SET C. Bar 1/2 SEC 34 T38N

3 TRAILER 495
CERTIFICATE OF SURVEY

RECORDING SPACE

NORTHWEST CORNER, SECTION 9, T2N, R1E
INGHAM TOWNSHIP, INGHAM COUNTY, MICHIGAN
FOUND 1/2" ROD
WITNESSED BY:
N&T 18998 S. SIDE 36' OAK, N85'E, 140.23'
N&T 28414 SE SIDE 34' OAK N65'E, 45.60'
N&T 28414 E. SIDE POWER POLE, NORTH, 64.62'
N&T 28414 S. SIDE 14' MAPLE, N50'W, 156.93'

NORTH 1/4 CORNER, SECTION 9, T2N, R1E
INGHAM TOWNSHIP, INGHAM COUNTY, MICHIGAN
FOUND 1/2" BAR
WITNESSED BY:
N&T 28414 S. SIDE POWER POLE, N89'E, 71.98'
SW SIDE STOP SIGN POST, N40'W, 40.91'
E. EDGE SIGN POST, S10'W, 19.92'
S. EDGE SIGN POST, N80'W, 10'

Legal Description:

PARCEL 11 — A part of the West 1/2 of the Northwest 1/4 of Section 9, T2N, R1E,
Ingham Township, Ingham County, Michigan, described as beginning on the North Section
line at a point N89°41'43"E 532.94 feet from the Northwest corner of Section 9;
thence N89°41'43"E 66.03 feet along the North Section line; thence S01°22'43"W 249.02
feet; thence N89°41'43"E 350.00 feet parallel with the North Section line; thence
thence N01°22'43"E 249.02 feet to the North Section line; thence N89°41'43"E 298.52
feet along the North Section line; thence S00°29'25"E 131.31 feet parallel with the East
line of the West 1/2 of the Northwest 1/4; thence S89°47'50"W 485.48 feet along the
South line of the North 1/2 of the Northwest 1/4 to a point on an intermediate traverse
line of Deer Creek which is N89°47'50"E 24.25 feet from the centerline thereof; thence
along said traverse line the following two courses; N26°07'59"E 90.64 feet; thence
N41°57'54"W 486.57 feet which is N01°22'43"E 47.19 feet from the centerline thereof;
thence N01°22'43"E 867.98 feet to the point of beginning, containing 18.626 acres of land
more or less which included the land between the centerline of Deer Creek and the
intermediate traverse line, and subject to any easements or rights of way of record.

The basis of bearing for this survey is based on assuming N89°41'43"E
on the North Section line.

I hereby certify that I have surveyed and mapped the land above platted and/or
described on March 18, 1995, and that the ratio of closure on the unadjusted
field observation of such survey was 1/15,000, and that all the requirements of
P.A. 132, 1970 have been complied with.

Maurice H. Mahieu P.S. #28414

LEGEND

ALL DIMENSIONS ARE IN FEET AND DECIMALS THEREOF
D= DEEDED
P= PLATTED
M= MEASURED
F= FOUND IRON
S= SET IRON
PROPERTY CORNER IRON •
CONCRETE MONUMENT ○
FENCE LINE

WOLVERINE ENGINEERS & SURVEYORS, INC
312 NORTH ST. MASON, MICHIGAN 48854
PHONE (517) 676-9200

SURVEY FOR: TOWSEND PARCEL 11
FIELD SURVEY: FY
DATE: 3-19-99
DRAWN BY: MJM
SHEET: 2 OF 2
SCALE: 1" = 200'
JOB NO.: 970703

DRAWN: XXXX/XXXXX