

E1 - T2N. R1E
 Northeast corner of Sec 5

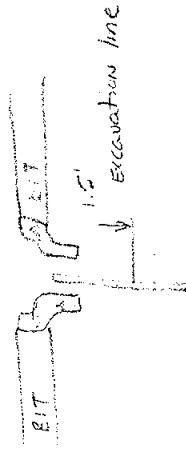
DW - GME 13-446-05

1944

N42 232° 111.05' Accolade, N4T in the E. face of U. Pole
 N42 160° 40 42' Reb N4T in the W. face of a 6" Maple
 N42 160° 61.95' Top center of a telephone pole
 N42 170° 1.79' FD 1/2" B&C 106 Co. Remon plastic cap (Damaged)

N42 300° 50.54' E Edge of Stop Sign Base
 Existing Monument Found 1/2" x 3/8" x 3/8" steel bar in concrete monument box. Corner certificate 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 man

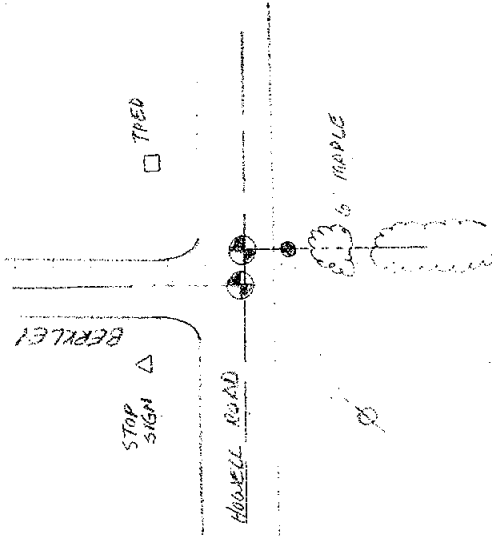
Checked existing witnesses & added new ones.
 Held En. a faithful representation



Point is 1.9 N42 17° 52' E of Borkley

23.98' To Pipe in Case. As witnessed by Accolade

Area lies within a small fill section. Did not excavate due to prior excavations conducted by boy in Remon in 1930.



D3 - TEN, R1E
SOUTH 1/4 COR. SEC. 5

DUV - GMB

N42 85°	110.40	SET N4T IN S. FACE 24" OAK
N42 195°	25.55	FD KEBS N4T E. FACE 18" DEAD GLM
N42 255°	53.12	FO N4T #1898 N4T. FACE OF 30" ELM
N42 313°	103.61	SET N4T IN SW FACE OF 30" MAPLE
N42 326°	37.85	FD KEBS N4T IN NE FACE 12" MAPLE
N42 358°	33.00	FD 1/2" BOC MICHIO #28414

Existing Monument 10-Feb-2005
1 1/4" X 1 1/4" X 18" STEEL BAR.

OFFSET POINT IN 3 DIRECTIONS + Excavated

Point. Found Pottery shards at a

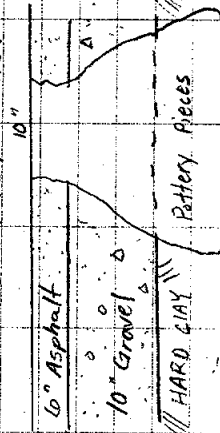
Depth of 1.5 Feet AT THE base of the

old Gravel road bed. Continued excavating

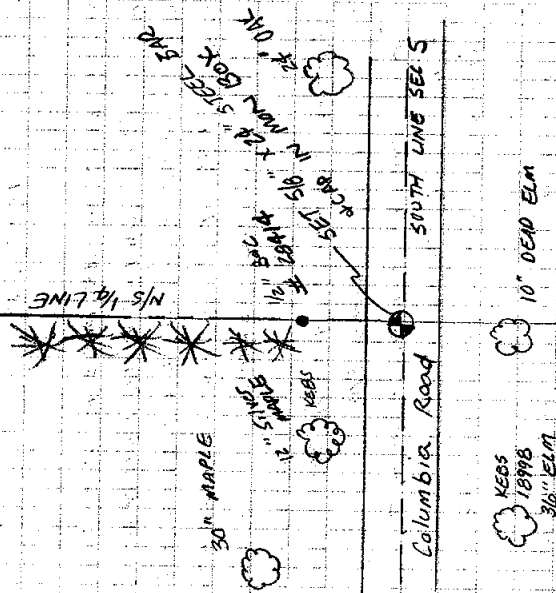
to a depth of 2.5 feet and found pieces of

Pottery w/o definition. Held center of Ed.

STEEL BAR AS Faithful Perpetuation.



24"



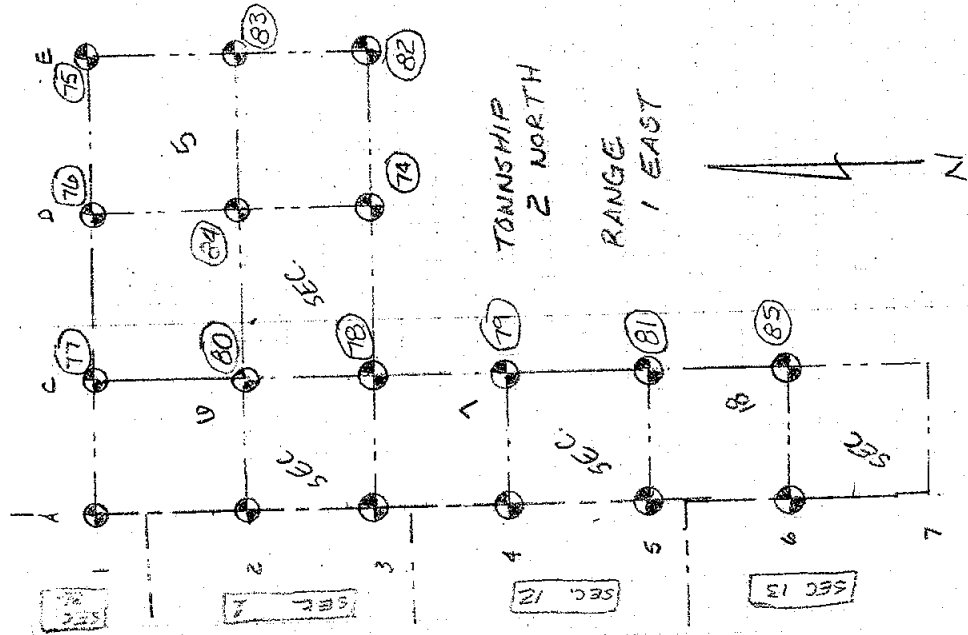
SOUTH 1/4 COR. SEC. 5, T2N, R1E

2005 Ingham Co. Remount
 Geomatics Designs Inc.
 10739 Bond Road
 Dewitt, MI 48820

David J. Vandenbergh, P.S.
 Gilbert M. Birch, P.S.

Equipment

- 4 - Calibrated Leica GPS Real time receivers
- 1 - TO 500 Total Station
- 1 - Calibrated 100' STEEL TAPE



SECTION CORNER RECOVERY SHEET

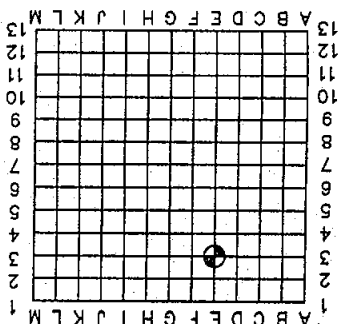
INGHAM COUNTY

T.2N., R.1E.

CORNER CODE: E-3

SECTION: 4,5,8,9

INGHAM TOWNSHIP



LCRC USED IN RECOVERY: LIBER 5, PAGE 277

MONUMENT CALLED FOR: IRON AND CAP

MONUMENT FOUND: 1/2" BAR

WITNESSES:

1. FOUND NAIL AND TAG #28414 IN SOUTH SIDE OF 38" OAK, N45E, 45.77'.
2. FOUND NAIL AND TAG #28414 IN EAST SIDE OF POWER POLE, NORTH, 64.64'.
3. SET NAIL AND TAG IN NORTHEAST SIDE OF MAILBOX POST #495, N45W, 35.13'.

LOCATION SKETCH

GPS VISIBILITY NOTES

GOOD

COLUMBIA ROAD

KEBS, INC.
 KYES ENGINEERING
 BRYAN LAND SURVEYS
 2116 HASLETT ROAD, HASLETT, MI 48840
 PH. 517-339-1014 FAX. 517-339-8047
 Charlotte Office
 Ph. 517-543-7076
 Marshall Office
 Ph. 781-9800

SECTION CORNER RECOVERY SHEET

INGHAM COUNTY

INGHAM TOWNSHIP

T.2N., R.1E.

SECTION: 4,5

CORNER CODE: E-2

LCRC USED IN RECOVERY: LIBER 6, PAGE 337

MONUMENT CALLED FOR: 1/2" BAR AND CAP

MONUMENT FOUND: SAME

WITNESSES:

1. FOUND NAIL AND TAG IN WEST SIDE OF 24" ASH, SSW,

39.70'

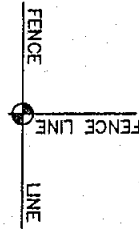
2. FOUND NAIL AND TAG IN NORTH SIDE OF 18" ASH, WEST,

22.40'

3. FOUND NAIL AND TAG IN WEST SIDE OF 15" ASH, SW,

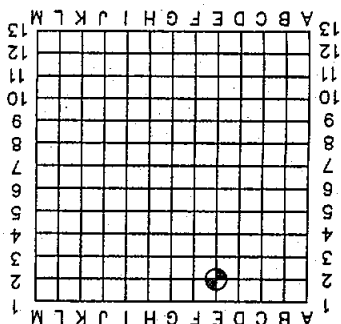
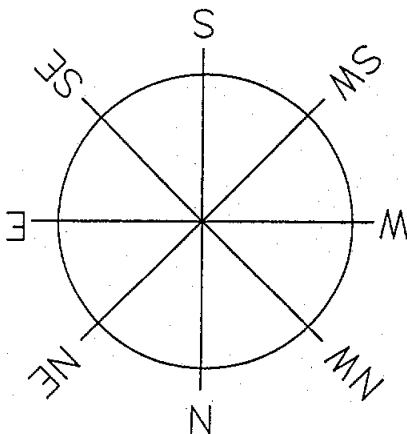
44.30'

LOCATION SKETCH



POOR

GPS VISIBILITY NOTES



SECTION CORNER RECOVERY SHEET

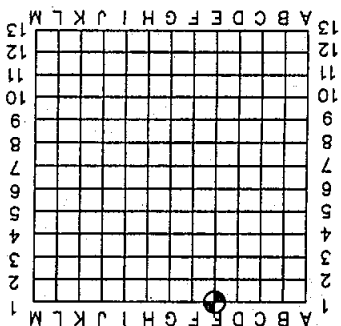
INGHAM COUNTY

INGHAM TOWNSHIP

T.2N., R.1E.

SECTION: 4,5

CORNER CODE: E-1



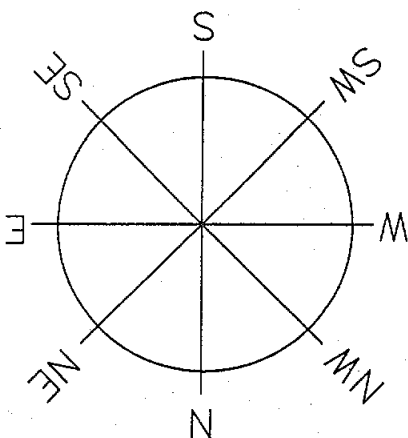
LCRC USED IN RECOVERY: LIBER 6, PAGE 127

MONUMENT CALLED FOR: CONCRETE MON. #18998

MONUMENT FOUND: SAME

WITNESSES:

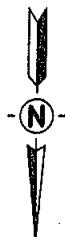
1. SET NAIL AND TAG IN WEST SIDE OF 5" MAPLE, SOUTH, 40.46'
2. FOUND NAIL AND TAG IN EAST SIDE OF POWER POLE, S45°W, 111.07'
3. TOP AND CENTER OF PHONE RISER BOX, N55°E, 62.00'



GPS VISIBILITY NOTES

GOOD

LOCATION SKETCH



HOWELL ROAD

KEBS, INC.
 KYES ENGINEERING
 BRYAN LAND SURVEYS
 2116 HASLETT ROAD, HASLETT, MI 48840
 PH. 517-339-1014 FAX. 517-339-8047
 Charlotte Office
 Ph. 517-543-7076
 Mobile Office
 Ph. 248-781-9800

5/4 CORNER SECTION 5 T2N, R1E
FOUND 1/4" X 1/4" BAR IN E

SET N#T #28414 SW SIDE 36" WILLOW N60W 104.93

SET N#T #28414 SW SIDE 14" MAPLE N70W 37.78

FOUND N#T #18998 N. SIDE 30" ELM. S60W 53.22

SET N#T #28414 N. SIDE 30" ELM. S60W 53.22

SET N#T #28414 S. SIDE 20" OAK N80E 116.38

W 1/4 CORNER SECTION 8 T2N, R1E

FOUND 1/2" PIPE IN MONUMENT BOX 185' W. OF E

SET N#T #28414 SE SIDE 18" MAPLE N40E 62.47

SET N#T #28414 W. SIDE 6" OAK. N30E 79.58

SET N#T #28414 N. SIDE 15" APPLE EAST 66.65

FOUND N#T #11370 NE SIDE POWER POLE N40W 28.40

TRAV PT #28 FOUND 1/2" BOLT 2.8' WEST
OF E INTERSECTION

SE CORNER SECTION 5 T2N, R1E

FOUND 1/2" ROD 13.4' S OF E

FOUND N#T #18998 S. SIDE 36" OAK N85E 140.23

SET N#T #28414 SE SIDE 34" OAK N65E 45.80

SET N#T #28414 E SIDE POWER POLE N60W 64.62

SET N#T #28414 S. SIDE 14" MAPLE N50W 156.93

Witnesses Provided by Welverne Eng.

TRAV PT #20 SET PLS NAVI E. EDGE BIT
±90' N. OF WESTBOUND HOWELL ROAD

SW CORNER SECTION 5 T2N, R1E
FOUND ½" BAR 2.3' W OF W. EDGE BIT, & HOWELL ROAD

FOUND NBT #28414 40' OAK 145.30' N20°E
S. EDGE STOP SIGN POST 65.72' N80°E

SET NBT #28414 SE SIDE POWER POLE 93.44' S20V
FOUND NBT #28409 N. SIDE 18" POKAR 28.88' S8C

C. 13' T2N, R1E EAST 21.1'

COS 5 T2N, R1E

FOUND ½" BAR & CAP #17022 IN E-W S FENCE CORNER

SET NBT #28414 N. SIDE 15" CHERRY WEST 39.50

SET NBT #28414 W. SIDE 27" MAPLE SOUTH 10.56

SET NBT #28414 S. SIDE 6" MAPLE EAST 6.82

FOUND NBT #18998 E. SIDE 42" OAK NORTH 189.85'

SW CORNER SECTION 5 T2N, R1E

FOUND ½" PIPE & CAP #11370 IN MON BOX & INTERSE

FOUND NBT #11370 N. SIDE POWER POLE WEST 147.31

FOUND NBT #18998 W. SIDE 27" MAPLE N20°W 141.52

TOP CENTER PHONE PEDESTAL N46°E 43.35

SET NBT #28414 N. SIDE 8' TRIPLE ELM S50°E 83.88

6

NE 1/4 SECTION 4	T2N, R1E
FOUND 1/2" BAR #18998 IN MON BOX	
& HOWELL ROAD ± 9' EAST OF & CLARK ROAD	
G-13 T3N, R1E WEST ± 9.2'	
& TELEPHONE RISER 48.73' S 20° E	
& E74 PIPELINE SIGN 54.42' N 35° W	
N4T #18994 S SIDE FENCE POST 62.28' N 35° W	
N4T #18998 N SIDE 40' WALNUT 187.30 S 70° W	
TRAV RT #15 SET PK NAIL N. EDGE BIT	
± 185' W. PASS WITH CARE SIGN	
N 1/4 CORNER SECTION 5 T2N, R1E	
FOUND MONUMENT IN MONUMENT BOX & ROAD	
FOUND N4T #18998 S SIDE 24' WALNUT N 72° E 98.03'	
FOUND N4T #18998 N. SIDE POWER POLE S 38° W 131.25'	
SET N4T #28414 E SIDE 14' TW. N. ELM N 7° E 31.15'	
SET N4T #28414 S. SIDE 16' POPLAR N 65° W 70.06'	
W 1/4 CORNER SECTION 5 T2N, R1E	
FOUND 1/2" BAR IN & ROAD	
SET N4T #28414 S. SIDE 18' ELM S 85° E 159.37'	
SET N4T #28414 S. SIDE POWER POLE S 80° W 99.83'	
FOUND 1/2" BAR S 60° N 72.91'	
& TELEPHONE RISER N 80° E 33.57'	

E 1/4 CORNER SEC 4 T2N, R1E

FOUND SPIKE #4 W. OF E 0.3 BELOW BIT

FOUND NET #18998 E. SIDE 15' ANE 80.35 S20°W

FOUND NET #13574 N. SIDE FENCE POST 20.94' N85°V

FOUND NET #28414 W. SIDE 36" SYCAMORE 56.47 N30°E

SET NET #28414 W. SIDE 6" MAPLE 44.20 S30°E

SET NET #28414 E. SIDE 12" PINE 21.20 S60°W

N 1/4 CORNER SEC 4 T2N, R1E

FOUND RR SPIKE & INTERSECTION

NET #13829 N. SIDE POWER POLE 58.47' S30W

NET #18994 W. SIDE 8" POPLAR 51.47' S30E

SET NET #28414 E. SIDE 8" POPLAR 36.33' N25E

SET NET #28414 E. SIDE 6" POPLAR 43.04' N25W

NW CORNER SEC 4 T2N, R1E

FOUND 1/2" BAR & CAP #18998 16.1' EAST 71.8' N. & INTERSEC

E-13 T3N R1E WEST ±1.8'

FOUND NET #18998 N. SIDE POWER POLE 110.91' S50W

FOUND NET #18989 E. SIDE 12" ELM 40.49 S20W

TOP CENTER BURIED CABLE BOX 61.95' N70E

E. EDGE STOP SIGN POST 50.45' N20W

E02 EAST 1/4 SEC 5
T2N, R1E
DNV GMB 01 MAR 05

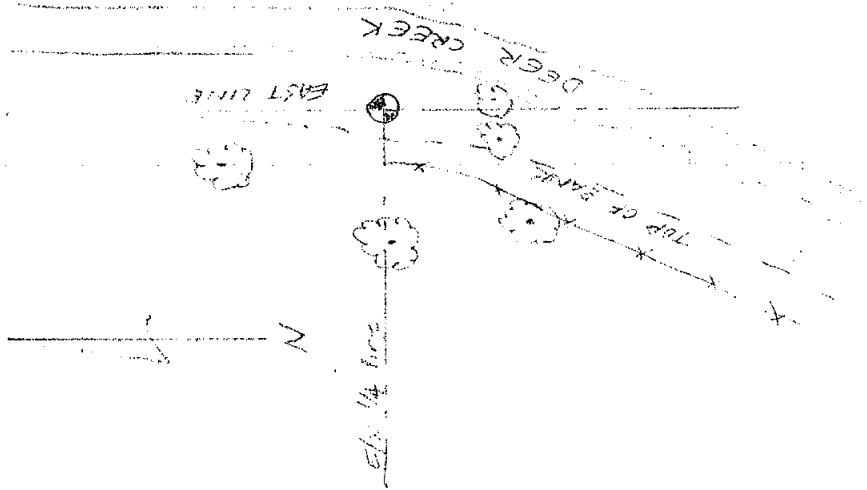
FO 1/2" BARE CAP # 1899B Per 1 recorded
witnessed in L. 6 of 377 of Corridors. Point
is within the side slope of Deer Creek
Approx. 6 East of the top of bank

DID NOT EXCAVATE DUE TO LOCATION WITHIN
CUT SECTION OF CREEK.

Replaced Found Corridors WITH STANDARD
MARKING TO REMAIN 3MR + CAP # 4794Z.

NAZ 185° 106.00 SET NUT IN W. FACE OF 20" ASH
NAZ 200° 39.67' FO NUT IN W. FACE OF 28" ASH # 1899B
NAZ 210° 44.31' SET NUT IN NWW FACE OF 24" A. 4
NAZ 255° 22.52' FO NUT IN NWW FACE OF 24" A. 4
NAZ 345° 9.56' FO CAP NUT IN NWW FACE OF 20" ASH
ELM (10")

NAZ 10° 50.55 SET NUT IN E FACE OF 12" ELN



E03 TZN, R1E

SW Cor. Sec. 7

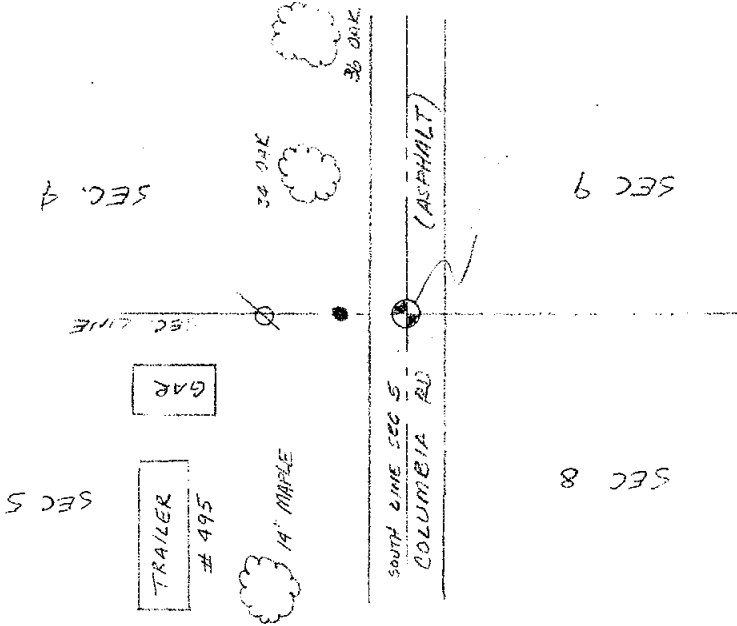
DUV GMB 28-FEB-05

FD 1/2" STEEL BAR IN ASPHALT 4' +/-
 SOUTH OF THE CENTERLINE OF COLUMBIA RD.
 CORNER WAS SET BY Austin C. Williams per
 L.S. Pg 277 OF CORNERS WITHIN 7.30 FEET
 OF THE 1/4" 1/4" CORNER OF A SURVEY BY
 W. A. Rowe, Co. Surveyor in 27-Apr-1896

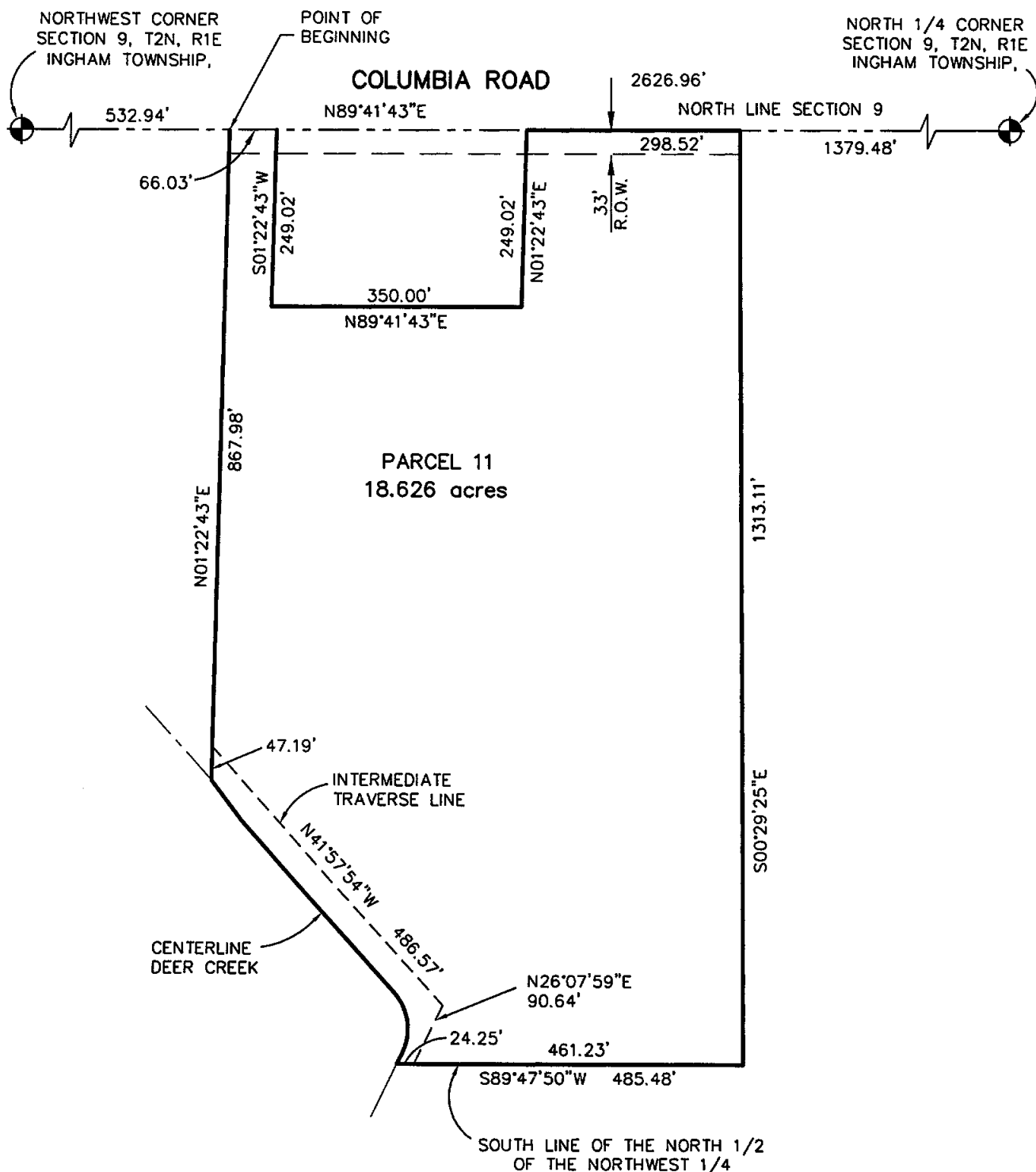
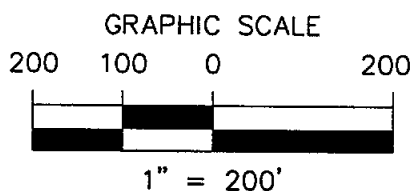
Held corner as a faithful perpetuation
 of the corner using a record witness.
 Set Standard Roman 6" x 6"

NAZ 37' 140.32 FD NHT #18993 S. face 36" OAK
 NAZ 65' 45.74 FD NHT #28414 SE face 34" OAK
 NAZ 357' 64.61 " " E Side of U. Pole.
 NAZ 296' 157.15 SET NHT S. face of a 14" Maple
 NAZ 357' 19.42 FD NAIL SET BY ASHBY BROS. CO.
 SE COR OF SEC 5

AT TRAILER # 495



RECORDING SPACE



ALL DIMENSIONS ARE IN FEET AND DECIMALS THEREOF
D= DEEDED FI= FOUND IRON
P= PLATTED SI= SET IRON
M= MEASURED
PROPERTY CORNER IRON ●
CONCRETE MONUMENT ○
FENCE LINE —x—x—x—x—



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

SURVEY FOR: TOWNSEND PARCEL 11	
FIELD SURVEY: TY	DATE: 3-18-99
DRAWN BY: MJM	SHEET: 1 OF 2
SCALE: 1" = 200'	JOB NO.: 970703

RE: XXXX.DWG

DRAWING: XXXXX.DWG

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, 45.80'
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 1313.11 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 intermeditate 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, 1999, 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
PROPERTY CORNER IRON ●
CONCRETE MONUMENT ○
FENCE LINE -x-x-x-x-

FI= FOUND IRON
SI= SET IRON

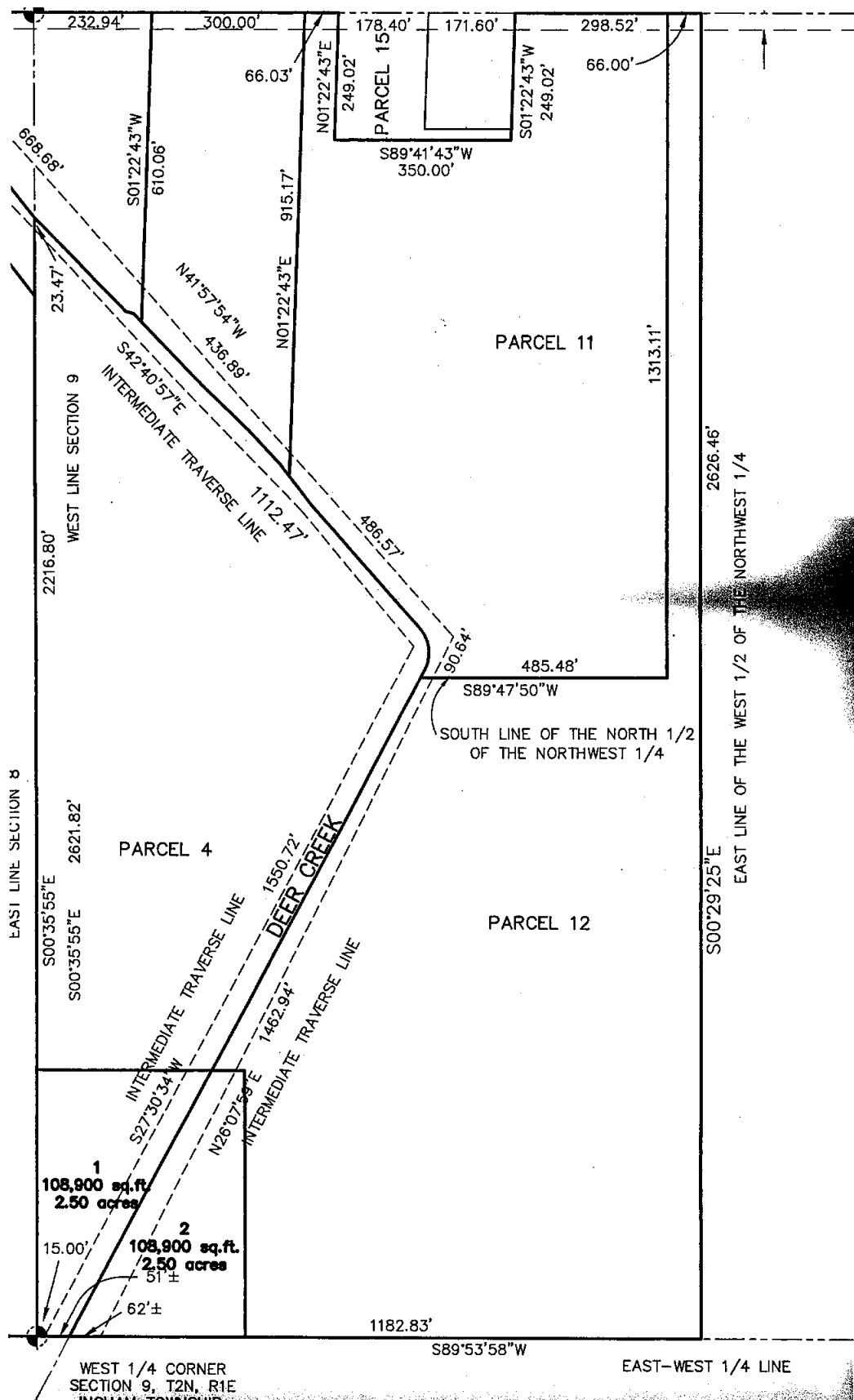


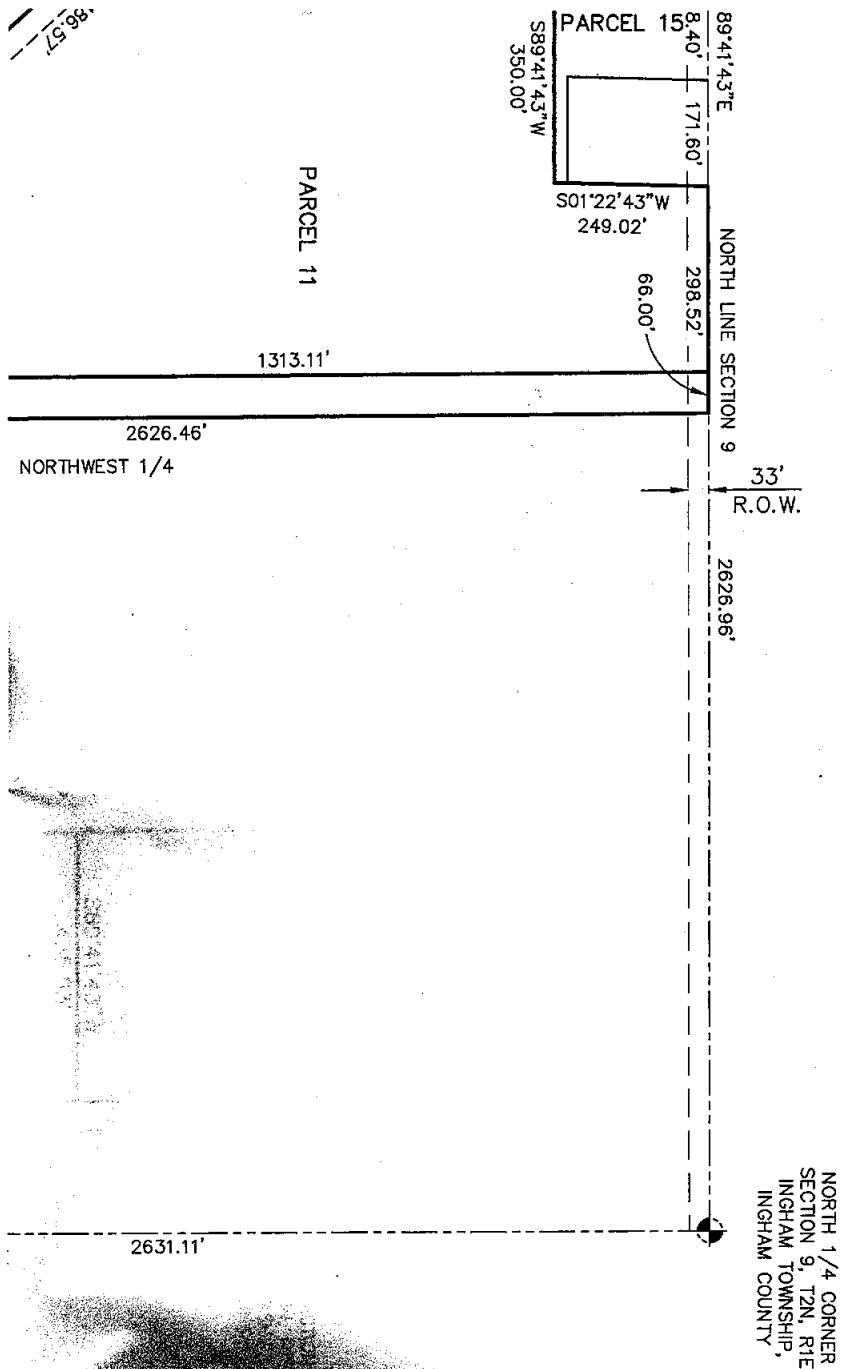
WOLVERINE ENGINEERS & SURVEYORS, INC
312 NORTH ST. MASON, MICHIGAN 48854
PHONE (517) 676-9200

SURVEY FOR: TOWNSEND PARCEL 11	
FIELD SURVEY: TY	DATE: 3-18-99
DRAWN BY: MJM	SHEET: 2 OF 2
SCALE: 1" = 200'	JOB NO.: 970703

RE: XXXX.DWG

DRAWING: XXXXX.DWG





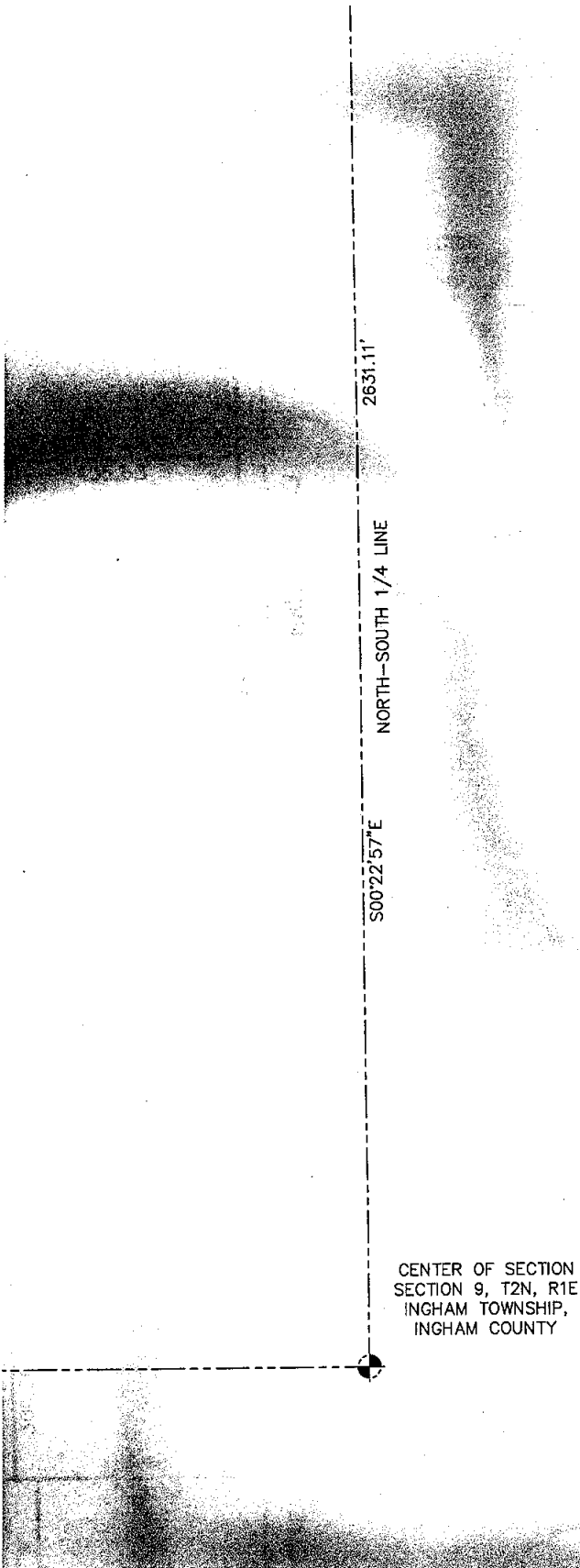
NORTH 1/4 CORNER
SECTION 9, T2N, R1E
INGHAM TOWNSHIP,
INGHAM COUNTY

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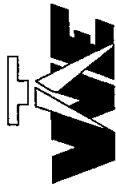


WOLVERINE
ENGINEERS AND SURVEYORS, INC.

REVISION	DATE	DRAWN
1	3-19-99	MJM



PROJECT	TOWNSEND PROPERTY	
	SEC. 4, 5, 8 & 9, INGHAM TWP.	
APPROVED	SHEET TITLE	
	MAP OF PROPOSED PARCELS	
CHECKED		
DRAWN	JMS	



WOLVERINE
ENGINEERS AND SURVEYORS
312 NORTH STREET
MASON, MICHIGAN 48854 PHONE : 517-

