

I-94
 NORTH 1/4 CORNER SECTION 20, T2S, R5E
 NORTH LINE SECTION 20
 EAST 1/4 CORNER SECTION 17, T2S, R5E
 NORTHEAST CORNER SECTION 20, T2S, R5E
 WEST LINE OF EAST 1/4 OF SOUTHEAST 1/4 OF SECTION 17
 P.O.B.
 600' LINE OF SECTION 20
 STAEBLER ROAD
 JACKSON ROAD
 CENTER SECTION 20, T2S, R5E
 EAST 1/4 CORNER SECTION 20, T2S, R5E
 (Map 1500-17-30'E 2658-75)
 NORTH-SOUTH 1/4 LINE
 SITE

CAUTION III

THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.



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| 1 | COVER | 07-31-08 |
| NO. | SHEET INDEX | REVISED DATE |

| | | | | | | |
|---------------------------|--|--|-----------|--------|--|------------|
| SHEET NO. 1 | E.T. MACKENZIE CO. STAEBLER ROAD OFFICES COVER SHEET | | Scale: | N/A | Revisions: | Date: |
| | | | Job No.: | 608335 | CHANGED CONTRACT AT COUNTY ROAD COMMISSION | 04/11/2007 |
| | | | Drawn By: | PC | ADDED SHEETS 14-30, ADDED SOIL EROSION CONTROL | 04/22/2007 |
| | | | Ch'd By: | AJR | ADDED SHEETS 31-43, UPDATED SHEET INDEX | |
| | | | | | | |

SITE SERVICES, INC.
Land Development,
Civil Engineering,
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4248 W. Saginaw Hwy. Grand Lodge, MI 48837
Phone: (517) 627-8408 Fax: (517) 627-4470

BOUNDARY & TOPOGRAPHIC SURVEY

FOR: **E.T. MACKENZIE COMPANY**

NORTH 1/4 CORNER
SECTION 20, T2S, R5E
NORTH-SOUTH 1/4 LINE
(M&R) S00°07'30"E 2658.75'
NORTH-SOUTH 1/4 LINE
(M&R) S00°07'30"E 2658.75'

BENCHMARKS

BENCHMARK X338 ELEVATION: 895.76 (NAVD 88)
NGS BENCHMARK X338, PID NE1052, LOCATED NEAR THE
INTERSECTION OF ZEEB ROAD & DEXTER-CHelsea ROAD, DATUM
POINT LOCATED UNDER A 5" LOGO CAP.

BENCHMARK Y338 ELEVATION: 871.57 (NAVD 88)
NGS BENCHMARK Y338, PID NE1051, LOCATED NORTHEAST, 31.2
FEET, FROM THE CENTERLINE OF DEXTER-CHelsea ROAD AND
SOUTHEAST OF THE CENTER OF KUEBLER DRIVE, DATUM POINT
LOCATED UNDER A 5" LOGO CAP.

BENCHMARK #1 ELEVATION: 896.61 (NAVD 88)
SET #5 BAR SET ACROSS DEXTER-ANN ARBOR ROAD & 65'±
SOUTHEAST OF X338.

BENCHMARK #2 ELEVATION: 868.88 (NAVD 88)
SET #5 BAR IN THE NORTHEAST QUADRANT OF DEXTER-ANN
ARBOR & KUEBLER 12'± NORTHEAST OF POWER POLE.

BENCHMARK #3 ELEVATION: 869.88 (NAVD 88)
BIG ARM OF HYDRANT, WEST SIDE OF STAEBLER ROAD, 2ND
HYDRANT SOUTH OF CUL-DE-SAC.

BENCHMARK #4 ELEVATION: 873.19 (NAVD 88)
WEST EDGE/RIM OF SANITARY MANHOLE #3, EAST SIDE OF
STAEBLER ROAD SOUTH OF CUL-DE-SAC.

SEWER INVENTORIES

SANITARY MANHOLE #1
TOC- 867.93
8" CONC. NORTH- 859.91
8" CONC. SOUTH- 859.87

SANITARY MANHOLE #2
TOC- 870.82
8" CONC. NORTH- 861.24
8" CONC. SOUTH- 861.14
8" CONC. WEST- 861.27

SANITARY MANHOLE #3
TOC- 873.23
8" CONC. EAST- 862.37
8" CONC. SOUTH- 862.35

LEGEND

- = SET 5/8" "KEBS" BAR & CAP
- = FOUND IRON AS NOTED
- = DEED LINE
- = DISTANCE NOT TO SCALE
- = FENCE
- = ASPHALT
- = CONCRETE
- = WETLANDS
- = EXISTING SPOT ELEVATION
- = EXISTING CONTOUR ELEVATION
- = SANITARY SEWER
- = STORM SEWER
- = WATER LINE
- = GAS LINE
- = UNDERGROUND TELEPHONE
- = UNDERGROUND TELEVISION
- = OVERHEAD WIRES
- = EDGE OF WOODS
- = DECIDUOUS TREE
- = CONIFEROUS TREE
- = BUSH
- ⊙ = SANITARY MANHOLE
- ⊙ = DRAINAGE MANHOLE
- ⊙ = ELECTRIC MANHOLE
- ⊙ = TELEPHONE MANHOLE
- ⊙ = CATCHBASIN
- ⊙ = SANITARY CLEANOUT
- ⊙ = STORM DRAIN
- ⊙ = FIRE HYDRANT
- ⊙ = VALVE
- ⊙ = UTILITY POLE
- ⊙ = LIGHT POLE
- ⊙ = GUY POLE
- ⊙ = GUY WIRE
- ⊙ = UTILITY PEDESTAL
- ⊙ = TRANSFORMER
- ⊙ = ELECTRIC METER
- ⊙ = GAS METER
- ⊙ = WATER METER
- ⊙ = SPRINKLER
- ⊙ = SOIL BORING
- ⊙ = SIGN
- ⊙ = POST

WITNESSES TO SECTION CORNERS

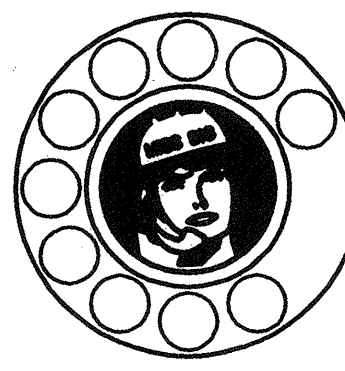
EAST 1/4 CORNER SECTION 20, T2S, R5E
FOUND 5/8" IRON ROD
24" CATALPA 560'W, 34.63'
15" PINE S70°W, 48.03'
BLDG. COR. N74°W, 40.30'
GUY POLE N37°E 61.24'
POWER POLE N16°W, 69.14'
36" OAK S20°E, 61.81'
POWER POLE S29°W, 59.98'
15" CEDAR S42°W, 76.38'

NORTHEAST CORNER SECTION 20, T2S, R5E
FOUND 1" PINCH TOP IRON PIPE
6" MULTI-ELM S31°W, 41.37'
10" WALNUT S17°E, 29.67'
2" CHERRY S86°E, 13.66'
11" CHERRY N10°E, 65.90'

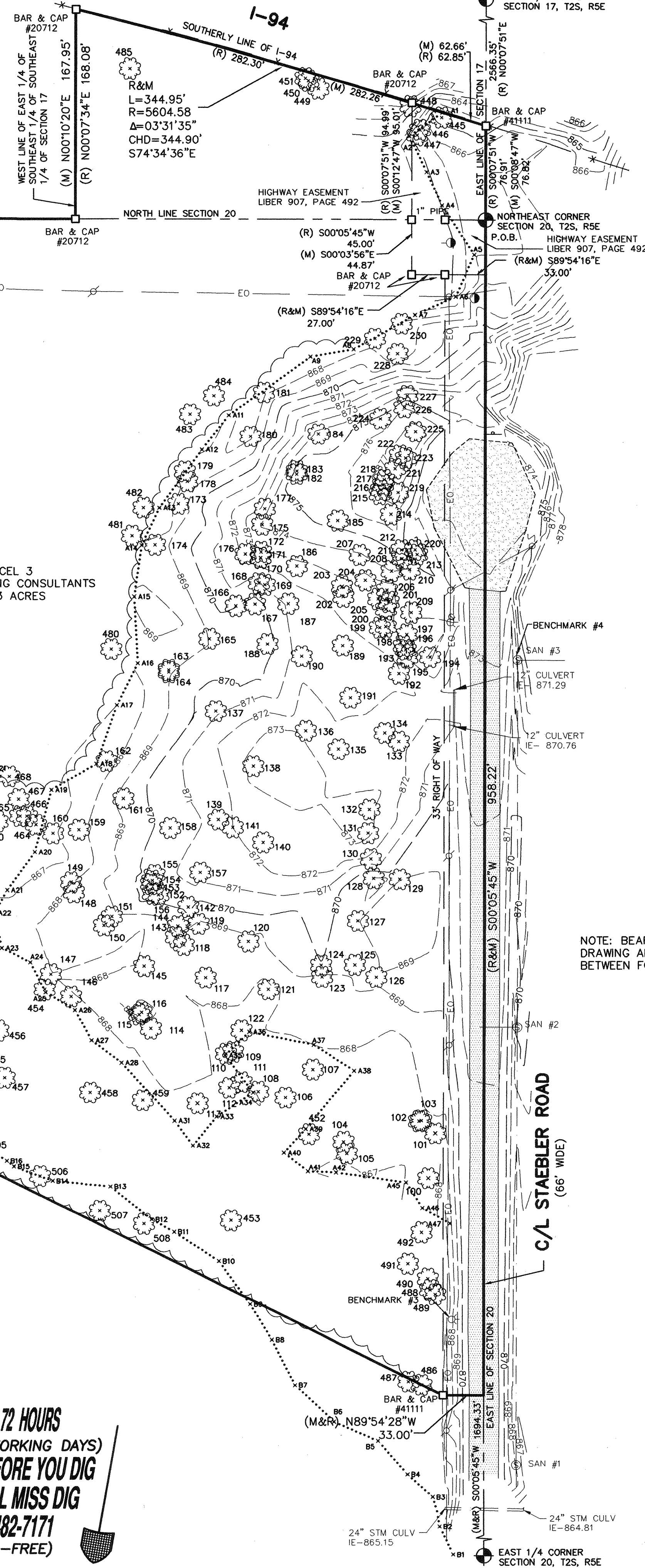
NORTH 1/4 CORNER SECTION 20, T2S, R5E
FOUND 3/4" IRON PIPE
24" CONC. CULVERT S25°E, 6.61'
17" MAPLE, NORTH 2.12'
12" MAPLE, N53°W, 21.72'
24" TWIN MAPLE, N66°E, 18.39'

CENTER OF SECTION 20, T2S, R5E
FOUND 3/4" IRON PIPE
NORTHEAST CORNER TRANSFORMER PAD, S83°W, 40.34'
44" OAK, N07°E, 40.40'
15" OAK, N26°E, 13.90'
15" OAK, NORTH, 16.35'
15" OAK, N48°E, 18.26'

EAST 1/4 CORNER SECTION 17, T2S, R5E
FOUND 1" IRON PIPE IN MONUMENT BOX
15" HICKORY N57°E, 29.22'
18" WALNUT N41°W, 24.54'
16" CHERRY S54°E, 38.82'
33" OAK, S25°E, 50.52'
12" OAK, S27°W, 48.47'



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(TOLL-FREE)**



NOTE: BEARINGS AND DISTANCES ON
DRAWING ARE BASED ON COURSES
BETWEEN FOUND MONUMENTATION.

LEGAL DESCRIPTION

Legal Description (as provided by Land Surveying Consultants, Drawing No. 05904, dated June 2004, and issued on July 7th, 2004)

A 16.53 acre parcel of land in the NE 1/4 of Section 20 and the SE 1/4 of Section 17, T2S, R5E, Scio Township, Washtenaw County, Michigan described as: Commencing at the NE Corner of said Section 20, said Corner being the POINT OF BEGINNING; thence S 00 deg. 05 min. 45 sec. W 958.22 feet (recorded as S 00 deg. 05 min. 30 sec. W) along the East Line of said Section 20 and the Centerline of Staebler Road; thence N 89 deg. 54 min. 28 sec. W 33.00 feet; thence N 63 deg. 27 min. 10 sec. W 975.62 feet; thence N 00 deg. 28 min. 54 sec. E 23.14 feet; thence N 00 deg. 05 min. 24 sec. E 500.50 feet; thence S 89 deg. 54 min. 16 sec. E 573.70 feet along the North line of said Section 20; thence N 00 deg. 07 min. 34 sec. E 168.08 feet along the West Line of the East 1/4 of the SE 1/4 of the SE 1/4 of said Section 17; thence 344.95 feet along the South Line of I-94 along the arc of a 5604.58 foot radius curve to the right, having a central angle of 003 deg. 31 min. 35 sec. and subtended by a chord measuring S 75 deg. 47 min. 07 sec. E 344.90 feet; thence S00 deg. 07 min. 51 sec. W 76.91 feet along the East line of said Section 17 to the POINT OF BEGINNING, being subject to the rights of the public over that portion thereof for Staebler Road, and subject to Highway Easements as recorded in Liber 907 of Deeds, Page 492, and Liber 928 of Deeds, Page 99, Washtenaw County Records, and subject to easements and restrictions of record, if any.

*NOTE: This boundary is a retracement of a provided survey by Land Surveying Consultants, Drawing No. 05904, Dated June 2004, and issued on July 7th, 2004. The provided legal description does not close by S14°45'48"W 7.28 feet.

NOTES

THIS PLAN WAS MADE AT THE DIRECTION OF THE PARTIES NAMED HEREON AND IS INTENDED SOLELY FOR THEIR IMMEDIATE USE. UTILITY INFORMATION AS SHOWN WAS OBTAINED FROM AVAILABLE PUBLIC RECORDS AND FROM SUPPORTING FIELD OBSERVATIONS WHERE POSSIBLE AND IS SUBJECT TO VERIFICATION IN THE FIELD BY THE APPROPRIATE AUTHORITIES PRIOR TO USE FOR CONSTRUCTION.

BY SCALED MAP LOCATION AND GRAPHIC PLOTTING ONLY, THIS PARCEL LIES ENTIRELY IN ZONE X ACCORDING TO THE NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP FOR THE TOWNSHIP OF SCIO, WASHTENAW COUNTY, MICHIGAN, COMMUNITY PANEL NUMBER 260537 0004 A AND 260537 0003A, DATED AUGUST 3, 1989.

ALL DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.

ALL ELEVATIONS BASED ON NAVD 88.

BEARINGS BASED ON THE EAST LINE OF SECTION 20 WHICH IS RECORDED AS S00°05'45"W AS SHOWN ON LAND SURVEYING CONSULTANTS, DRAWING NO. 05904, DATED JUNE 2004.

EASEMENTS NOT PROVIDED BY CLIENT, THEREFORE NOT SHOWN ON THIS SURVEY.

| REVISIONS | COMMENTS | DATE | BY | FOR |
|-----------|--------------------------|------|----|-----|
| 12/20/05 | ORIGINAL | | | |
| 2/15/07 | REVISE LEGAL DESCRIPTION | | | |
| 4/12/07 | REVISED DWG | | | |

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|---------------|--------|-------------|--------------|
| DRAWN BY | SLH | SECTION | 20, T2S, R5E |
| FIELD WORK BY | GDP | JOB NUMBER: | 05-B-78272 |
| SHEET | 1 OF 1 | | |

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|---|
| KEBS, INC. ENGINEERING AND LAND SURVEYING 2116 HASLETT ROAD, HASLETT, MI 48840 PH. 517-339-1014 FAX. 517-339-8047 Charlotte Office Ph. 517-543-7076 Marshall Office Ph. 269-781-9800 |
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