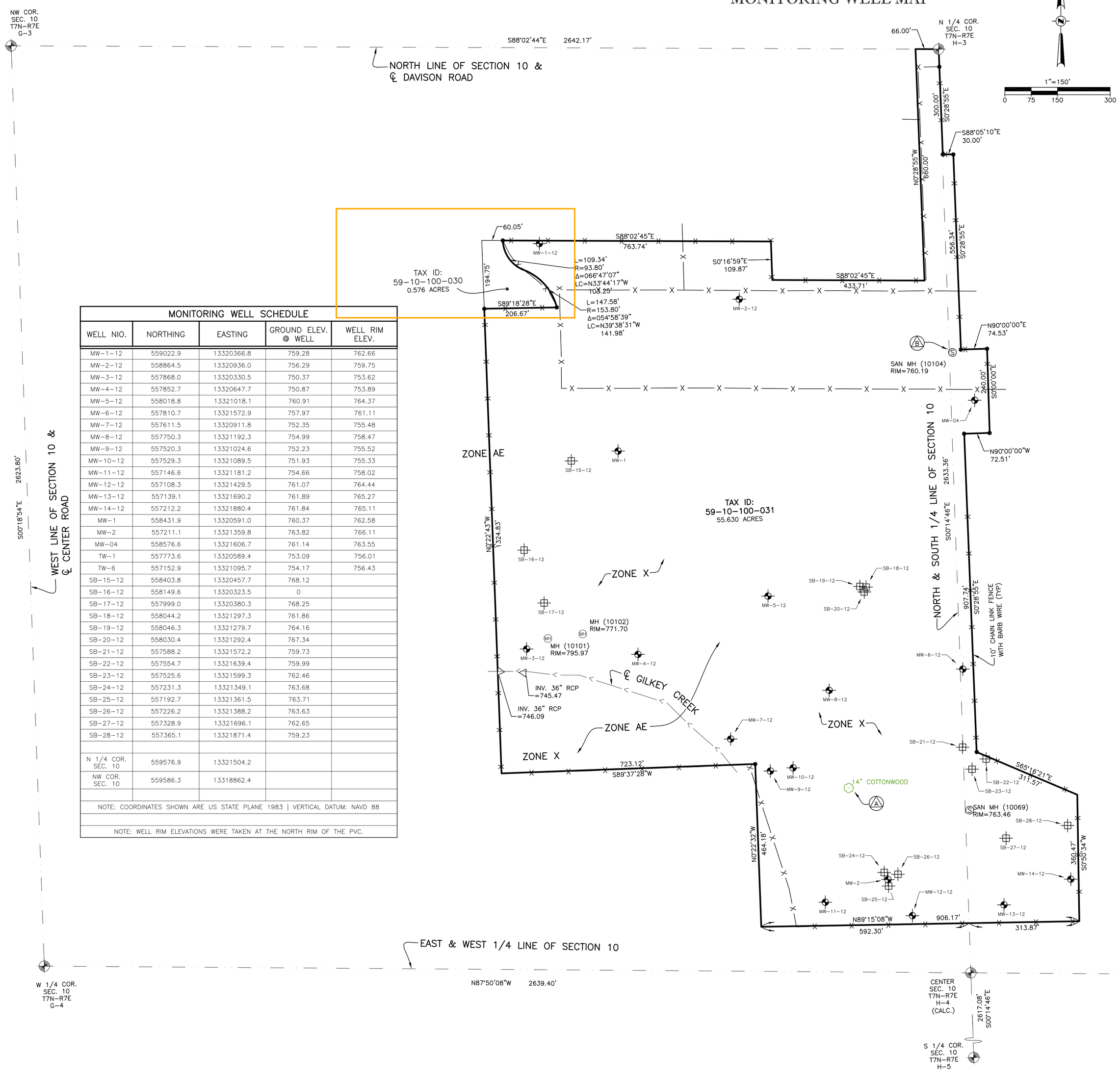
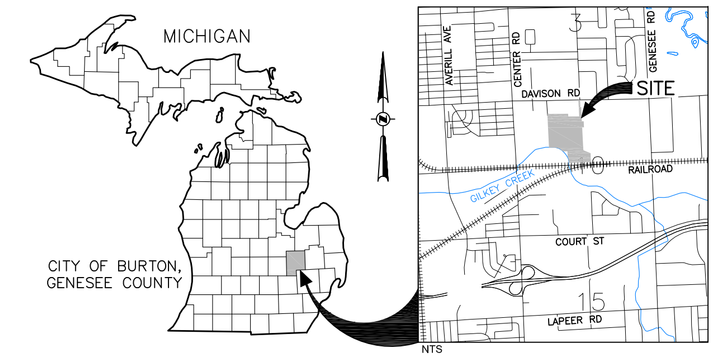
# BOUNDARY SURVEY

## MONITORING WELL MAP




| MONITORING WELL SCHEDULE | | | | |
|---|---|---|---|---|
| WELL NIO. | NORTHING | EASTING | GROUND ELEV. @ WELL | WELL RIM ELEV. |
| MW-1-12 | 559022.9 | 13320366.8 | 759.28 | 762.66 |
| MW-2-12 | 558864.5 | 13320936.0 | 756.29 | 759.75 |
| MW-3-12 | 557868.0 | 13320330.5 | 750.37 | 753.62 |
| MW-4-12 | 557852.7 | 13320647.7 | 750.87 | 753.89 |
| MW-5-12 | 558018.8 | 13321018.1 | 760.91 | 764.37 |
| MW-6-12 | 557810.7 | 13321572.9 | 757.97 | 761.11 |
| MW-7-12 | 557611.5 | 13320911.8 | 752.35 | 755.48 |
| MW-8-12 | 557750.3 | 13321192.3 | 754.99 | 758.47 |
| MW-9-12 | 557520.3 | 13321024.6 | 752.23 | 755.52 |
| MW-10-12 | 557529.3 | 13321089.5 | 751.93 | 755.33 |
| MW-11-12 | 557146.6 | 13321181.2 | 754.66 | 758.02 |
| MW-12-12 | 557108.3 | 13321429.5 | 761.07 | 764.44 |
| MW-13-12 | 557139.1 | 13321690.2 | 761.89 | 765.27 |
| MW-14-12 | 557212.2 | 13321880.4 | 761.84 | 765.11 |
| MW-1 | 558431.9 | 13320591.0 | 760.37 | 762.58 |
| MW-2 | 557211.1 | 13321359.8 | 763.82 | 766.11 |
| MW-04 | 558576.6 | 13321606.7 | 761.14 | 763.55 |
| TW-1 | 557773.6 | 13320589.4 | 753.09 | 756.01 |
| TW-6 | 557152.9 | 13321095.7 | 754.17 | 756.43 |
| SB-15-12 | 558403.8 | 13320457.7 | 768.12 | |
| SB-16-12 | 558149.6 | 13320323.5 | 0 | |
| SB-17-12 | 557999.0 | 13320380.3 | 768.25 | |
| SB-18-12 | 558044.2 | 13321297.3 | 761.86 | |
| SB-19-12 | 558046.3 | 13321279.7 | 764.16 | |
| SB-20-12 | 558030.4 | 13321292.4 | 767.34 | |
| SB-21-12 | 557588.2 | 13321572.2 | 759.73 | |
| SB-22-12 | 557554.7 | 13321639.4 | 759.99 | |
| SB-23-12 | 557525.6 | 13321599.3 | 762.46 | |
| SB-24-12 | 557231.3 | 13321349.1 | 763.68 | |
| SB-25-12 | 557192.7 | 13321361.5 | 763.71 | |
| SB-26-12 | 557226.2 | 13321388.2 | 763.63 | |
| SB-27-12 | 557328.9 | 13321696.1 | 762.65 | |
| SB-28-12 | 557365.1 | 13321871.4 | 759.23 | |
| | | | | |
| N 1/4 COR. SEC. 10 | 559576.9 | 13321504.2 | | |
| NW COR. SEC. 10 | 559586.3 | 13318862.4 | | |
| | | | | |
| NOTE: COORDINATES SHOWN ARE US STATE PLANE 1983 \| VERTICAL DATUM: NAVD 88 | | | | |
| | | | | |
| NOTE: WELL RIM ELEVATIONS WERE TAKEN AT THE NORTH RIM OF THE PVC. | | | | |

## LOCATON MAP




## EXISTING LEGEND

- CULVERT/ END SECTION
- SANITARY SEWER, MH, CLEAN OUT
- MISC. MANHOLE, HAND HOLE, HAND BOX
- SECTION LINE, SECTION CORNER
- FOUND IRON ROD (FIR), FD MON, FD PK
- SET IRON ROD (SIR), SET PK, MAG NAIL
- FENCE
- MONITORING WELL
- SOIL BORING

## LEGAL DESCRIPTION

### Legal Description

A part of the N 1/2 of Section 10, T7N-R7E, City of Burton, Genesee County, Michigan more particularly described as beginning at the N 1/4 corner of said Section 10, thence S00°28'55"E, 300.00 feet; thence S88°05'10"E, 30.00 feet; thence S00°28'55", 556.34 feet; thence East, 74.53 feet; thence South, 240.00 feet; thence West, 72.51 feet; thence S00°28'55"E, 907.74 feet; thence S65°16'21"E, 311.57 feet; thence S00°50'34"W, 360.47 feet; thence N89°15'08"W, 906.17 feet; thence N00°22'32"W, 464.18 feet; thence S89°37'28"W, 723.12 feet; thence N00°22'43"W, 1324.83 feet; thence S89°18'28"E, 206.67 feet; thence along the arc of a curve to the left 147.58 feet, said curve has a radius of 153.80 feet, a central angle of 54°58'39" and a long chord which bears N39°38'31"W, 141.98 feet; thence along the arc of a curve to the right 109.34 feet, said curve has a radius of 93.80 feet, a central angle of 66°47'07" and a long chord which bears N33°44'17"W, 103.25 feet; thence S88°02'45"E, 763.74 feet; thence S00°16'59"E, 109.87 feet; thence S88°02'45"E, 433.71 feet; thence N00°28'55"W, 660.00 feet; thence along the North line of Section 10 and centerline of Davison Road, S88°02'44"E, 66.00 feet to the Point of Beginning, containing 55.630 acres and subject to the rights of the public over Davison Road, also subject to any other easements or restrictions of record.

### Sections corner Witnesses

N 1/4 corner Section 10, H-03
Found Remonumentation cap, per the position as described and recorded in LCRC, L.4587, P.423 Genesee County Records.

NW corner Section 20, G-03
Found Remonumentation cap, per the position as described and recorded in LCRC, L.4587, P.423 Genesee County Records.

W 1/4 corner Section 10, G-04
Found Remonumentation cap, per the position as described and recorded in LCRC, L.1881, P.880 Genesee County Records.

E 1/4 corner Section 10, I-04
Found Remonumentation cap, per the position as described and recorded in LCRC, L.2081, P.591 Genesee County Records.

## FLOODPLAIN INFORMATION

FEMA FIRM MAP NO: 26049C0194D
EFFECTIVE DATE: SEPT. 25, 2009

ZONE X:
AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN.

ZONE AE:
BASE FLOOD ELEVATIONS DETERMINED

BASE FLOOD ELEV.: 757'

## BENCHMARKS

DATUM: NAVD 88

BENCHMARK A: ELEV = 761.60
Set Nail and Tag in W/side 14" cottonwood. Approximately 155' E and 65' S of MW-10-12.

BENCHMARK B: ELEV = 760.19
N rim of existing Sanitary MH. Approximately 140' N and 65' W of MW-04.

BENCHMARK C: ELEV = 738.71
NGS BM NO. 25609


ENGINEERS · SURVEYORS · CONSULTANTS · LANDSCAPE ARCHITECTS · LAND PLANNERS
638 SOUTH GRAND AVE.
FOWLERVILLE,
MICHIGAN 48836
(517) 223-3512
(FAX) 517-223-8087
Engineering Group Associates, Inc.

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CLIENT : WILCOX

**BOUNDARY SUVREY & WELL MAP**

PART OF N 1/2, SECTION 10, T7N-R7E
CITY OF BURTON, GENESEE COUNTY
MICHIGAN

| DATE | REVISIONS |
|---|---|
| | |

CONT. INT.: N/A
FIELD : MD/SM/LB
V. SCALE :

SCALE: 1"=150'

JOB# :12-068

DRWG. by :MA
CHECK : AP
DATE : 09/18/2012
12-068Bnd
SHEET : 1 OF 2

1

# BURTON SITE

Prepared for
MONUMENT ENGINEERING GROUP ASSOCIATES

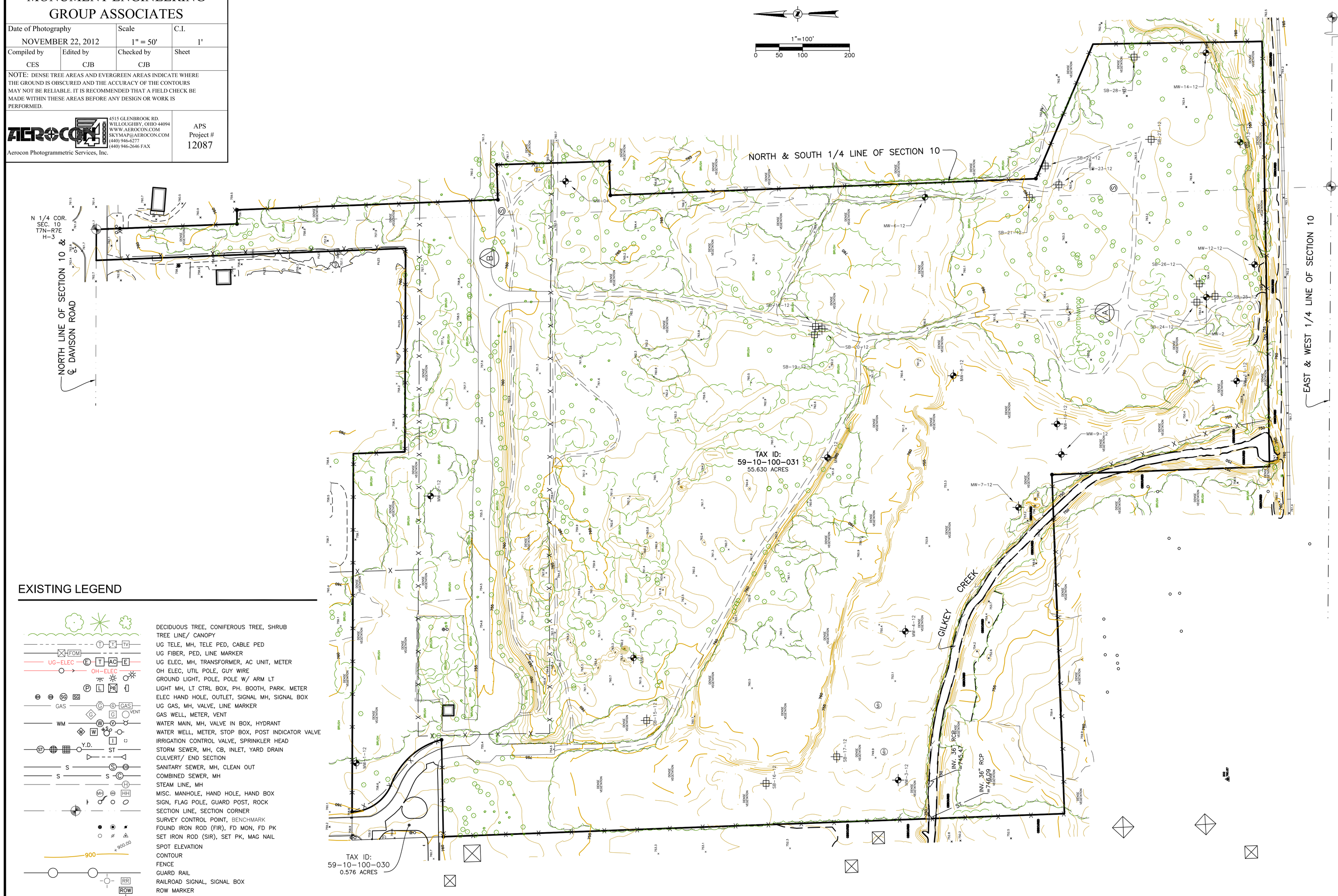
| Date of Photography | | Scale | C.I. |
|---|---|---|---|
| NOVEMBER 22, 2012 | | 1" = 50' | 1' |
| Compiled by | Edited by | Checked by | Sheet |
| CES | CJB | CJB | |

NOTE: DENSE TREE AREAS AND EVERGREEN AREAS INDICATE WHERE THE GROUND IS OBSCURED AND THE ACCURACY OF THE CONTOURS MAY NOT BE RELIABLE. IT IS RECOMMENDED THAT A FIELD CHECK BE MADE WITHIN THESE AREAS BEFORE ANY DESIGN OR WORK IS PERFORMED.


AEROCON
4515 GLENBROOK RD.
WILLOUGHBY, OHIO 44094
WWW.AEROCON.COM
SKYMAP@AEROCON.COM
(440) 946-6277
(440) 946-2646 FAX
Aerocon Photogrammetric Services, Inc.


APS Project # 12087

## TOPOGRAPHIC SURVEY




## EXISTING LEGEND

| | |
|---|---|
| | DECIDUOUS TREE, CONIFEROUS TREE, SHRUB |
| | TREE LINE/ CANOPY |
| T TV | UG TELE, MH, TELE PED, CABLE PED |
| FOM | UG FIBER, PED, LINE MARKER |
| UG-ELEC E T AC E | UG ELEC, MH, TRANSFORMER, AC UNIT, METER |
| OH-ELEC | OH ELEC, UTIL POLE, GUY WIRE |
| | GROUND LIGHT, POLE, POLE W/ ARM LT |
| P L PK | LIGHT MH, LT CTRL BOX, PH. BOOTH, PARK. METER |
| | ELEC HAND HOLE, OUTLET, SIGNAL MH, SIGNAL BOX |
| GAS G GAS | UG GAS, MH, VALVE, LINE MARKER |
| G VENT | GAS WELL, METER, VENT |
| WM W V | WATER MAIN, MH, VALVE IN BOX, HYDRANT |
| W | WATER WELL, METER, STOP BOX, POST INDICATOR VALVE |
| I | IRRIGATION CONTROL VALVE, SPRINKLER HEAD |
| ST Y.D. ST | STORM SEWER, MH, CB, INLET, YARD DRAIN |
| | CULVERT/ END SECTION |
| S S | SANITARY SEWER, MH, CLEAN OUT |
| S S C | COMBINED SEWER, MH |
| H | STEAM LINE, MH |
| MH HH | MISC. MANHOLE, HAND HOLE, HAND BOX |
| | SIGN, FLAG POLE, GUARD POST, ROCK |
| | SECTION LINE, SECTION CORNER |
| | SURVEY CONTROL POINT, BENCHMARK |
| | FOUND IRON ROD (FIR), FD MON, FD PK |
| | SET IRON ROD (SIR), SET PK, MAG NAIL |
| x 900.00 | SPOT ELEVATION |
| 900 | CONTOUR |
| | FENCE |
| | GUARD RAIL |
| RR | RAILROAD SIGNAL, SIGNAL BOX |
| ROW | ROW MARKER |
| | SOIL BORING |
| | ASPHALT |
| | CONCRETE |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CLIENT : WILCOX

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PART OF N 1/2, SECTION 10, T7N-R7E
CITY OF BURTON, GENESEE COUNTY
MICHIGAN

DATE
REVISIONS

CONT. INT.: N/A
FIELD : MD/SM/LB
V. SCALE :

SCALE: 1"=150'

JOB# :12-068

DRWG. by :MA
CHECK : AP
DATE : 09/18/2012
12-068Bnd
SHEET : 2 OF 2

2