NETWORK DESIGN

A total of 47 control monuments are located throughout the limits of the Village of Morton. Each monument is approximately 6 feet deep by 12" diameter (cast in place) with a bronze cap set in the top. These monuments are typically located within the public right-of-way.

It was intended that each control monument be assigned at least 1 companion station for utilizing standard surveying methods when GPS (Global Positioning System) was not available. However, 6 of the 47 monuments are without companions due to their isolated locations, or obstructions created by tree/brush foliage, signs, etc. after monument installation was complete. Also, 1 monument is not GPS observable.

Companion monuments provide the necessary horizontal, and vertical control needed to allow land surveyors to locate proposed subdivisions, tract surveys, and site plans on the Village of Morton's GIS without creating excessive additional cost to their client.

FIELD WORK

Once the control monuments had been set in place, horizontal and vertical locations were then established for each monument. The horizontal locations are in State Plane Coordinates Illinois West Zone, based on NAD 83 (North American Datum of 1983), 1997 adjustment. The vertical information is based on NAVD 88 (North American Vertical Datum of 1988).

Real-Time Kinematic GPS techniques were utilized to establish initial State Plane coordinates for all monuments. To establish locations on the State Plane Coordinate Grid, 5 existing Village of Morton photogrammetric control points were used from the Village of Morton's previous aerial mapping project in 1999, and 5 existing Illinois Department of Transportation, District 4 GPS monuments. These existing control monuments were chosen due to their proximity to the project, and stability. Also, all existing control used for this project had been established from first order NGS (National Geodetic Survey) control.

Conventional surveying methods were then utilized to complete field angle, distance, and elevation checks for each companion station set. Conventional surveying methods were also used to determine locations for any non-GPS (obstructed) monuments. GPS occupation times ranged from 15 seconds to 2 minutes based on the amount of multipath (reflected or blocked signals) and PDOP (Positional Dilution of Precision).

The relative horizontal position between companion stations does not exceed 10 mm + 1 ppm of their horizontal separation, at the 95 percent level of confidence. This meets the horizontal positioning standard for first order surveys. Vertical positions were confirmed through differential leveling with conventional surveying methods.

DEFINITIONS

Multipath – When satellite signals are reflected off nearby manmade or natural objects, and are falsely received at the antenna assembly.

DOP (Dilution of Precision) – The DOP measures the geometric strength of the satellite constellation. Low DOP's exist when satellites are evenly distributed throughout the constellation.

FINAL COORDINATES AND ELEVATIONS

The final coordinates and elevations for this project are provided in both US Survey Feet, and Meters. The geographical locations are also provided (Latitude and Longitude) for each monument.

State Plane Coordinates and Elevations (US survey feet)

Station					
Designation	Latitude (N)	Longitude (W)	Northing (sf)	Easting (sf)	Elevation (sf)
06 - 32 - 01	40° 34' 09.65255"	89° 27' 33.52536"	1422060.805	2493091.304	652.56
06 - 33 - 02	40° 34' 43.53823"	89° 27' 32.82789"	1425490.329	2493117.583	680.03
06 - 29 - 03	40° 35' 26.39348"	89° 27' 33.99191"	1429826.392	2492992,942	687.84
. 06 - 28 - 04	40° 35' 51.18480"	89° 27' 33.48263"	1432335.496	2493012.075	701.54
06 - 28 - 05	40° 35' 28.88437"	89° 26' 42.27533"	1430110.830	2496980.540	680.97
06 - 28 - 06	40° 35' 52.34425"	89° 26' 40.67144"	1432485.898	2497084.802	686.67
06 - 20 - 07	40° 36' 19.71616"	89° 27' 34.25720"	1435222.287	2492929.135	710.06
06 - 21 - 08	40° 36' 19.95282"	89° 27' 15.60205"	1435257.837	2494367.770	712.93
06 - 21 - 09	40° 36' 20.95914"	89° 26' 58.10818"	1435370.629	2495716.202	706.41
06 - 21 - 10	40° 36' 20.95262"	89° 26' 35.56226"	1435384.198	2497455.115	704.28
06 - 22 - 11	40° 36' 22.56817"	89° 25' 53.34460"	1435574.664	2500709.887	706.82
06 - 22 - 12	40° 36' 47.76090"	89° 25' 52.67584"	1438124.514	2500740.167	717.36
06 - 15 - 13	40° 36' 48.15543"	89° 26' 20.46471"	1438146.628	2498596.792	710.87
06 - 21 - 14	40° 36' 46.77712"	89° 26' 44.52278"	1437991.879	2496742.608	701.12
06 - 16 - 15	40° 36' 46.79702"	89° 27' 17.14764"	1437973.413	2494226.592	718.75
06 - 20 - 16	40° 36' 44.81296"	89° 27' 54.40621"	1437749.561	2491354.846	714.53
06 - 29 - 17	40° 35' 08.90529"	89° 28' 33.91232"	1428019.966	2488384.277	696.06
06 - 29 - 18	40° 35' 25.21372"	89° 28' 31.20644"	1429671.953	2488580.080	699.44
06 - 29 - 19	40° 35' 45.10243"	89° 28' 25.13000"	1431688.300	2489033.006	705.12
06 - 20 - 20	40° 36' 18.90404"	89° 27' 56.54258"	1435126.356	2491210.969	708.65
06 - 30 - 21	40° 35' 27.40517"	89° 28' 52.53018"	1429880.859	2486933.332	689.09
06 - 19 - 22	40° 36' 17.04117"	89° 28' 58.11110"	1434900.489	2486463.780	708.48
06 - 19 - 23	40° 36' 30.36609"	89° 29' 00.62062"	1436247.420	2486259.759	720.18
06 - 18 - 24	40° 36' 45.57990"	89° 29' 00.24019"	1437787.231	2486277.148	725.91
06 - 20 - 25	40° 36' 08.86519"	89° 28' 23.78950"	1434093.817	2489117.471	708.73
06 - 20 - 26	40° 36' 32.49590"	89° 28' 23.61650"	1436485.265	2489111.977	719.15
06 - 17 - 27rev	40° 36' 56.06259"	89° 28' 24.23212"	1438869.759	2489045.714	724.43
06 - 17 - 28 '	40° 37' 09.13484"	89° 28' 16.72975"	1440197.190	2489613.815	717.29
06 - 18 - 29	40° 37' 20.81435"	89° 28' 45.05921"	1441361.954	2487420.043	727.73
06 - 08 - 30	40° 38' 04.24574"	89° 28' 43.18832"	1445758.199	2487529.937	712.24
06 - 08 - 31	40° 38' 22.82468"	89° 28' 43.20446"	1447638.321	2487513.989	713.81
06 - 08 - 32	40° 38' 03.94148"	89° 28' 09.21264"	1445748.034	2490149.512	706.52
06 - 05 - 33	40° 38' 41.27933"	89° 27' 52.40326"	1449536.821	2491415.263	713.79
06 - 05 - 34	40° 38' 09.31663"	89° 27' 51.91770"	1446302.589	2491478.513	714.24
06 - 09 - 35	40° 37' 43.06471"	89° 27' 34.75956"	1443656.570	2492822.629	718.65
06 - 09 - 36	40° 37' 42.91362"	89° 27' 02.19803"	1443661.583	2495333.284	719.46
06 - 04 - 37	40° 38' 43.81293"	89° 27' 01.70972"	1449824.719	2495320.760	719.64
06 - 07 - 38	40° 38' 31.25094"	89° 29' 06.18751"	1448477.241	2485735.656	711.12
06 - 07 - 39	40° 37' 42.24898"	89° 29' 03.92850"	1443519.745	2485948.249	713.39
06 - 07 - 40	40° 38′ 02.53396″	89° 29' 23.57853"	1445560.820	2484417.416	705.98
05 - 12 - 41	40° 38' 11.80535"	89° 29' 49.57431"	1446483.720	2482406.136	717.54
06 - 04 - 42	40° 38' 50.70177"	89° 27' 19.43200"	1450510.765	2493949.059	712.03

89° 27' 19.88963"

89° 28' 36.80245"

89° 28' 08.49469"

06 - 04 - 43

06 - 08 - 44

06 - 08 - 45

40° 39' 07.08592"

40° 37' 41.14080"

40° 37' 41.33357"

2493900.379

2488040.582

2490223.003

1452168.510

1443423.907

1443460.623

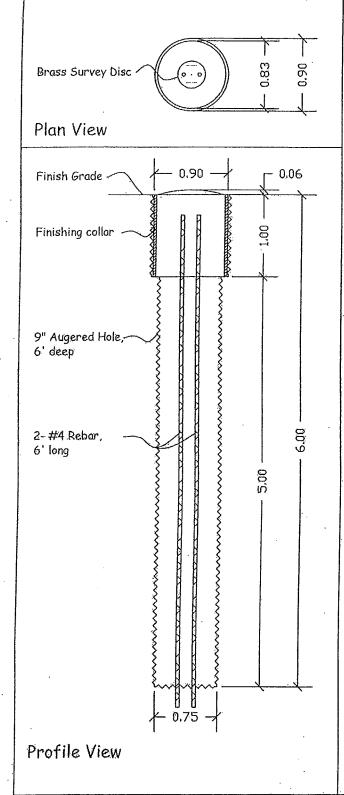
720.92

715.87

720.55

State Plane Coordinates and Elevations (meters)

Station					
Designation	Latitude (N)	Longitude (W)	Northing (m)	Easting (m)	Elevation (m)
06 - 32 - 01	40° 34' 09.65255"	89° 27' 33.52536"	433445.000	759895.749	198.901
06 - 33 - 02	40° 34' 43.53823"	89° 27' 32.82789"	434490.321	759903.759	207.274
06 - 29 - 03	40° 35′ 26.39348″	89° 27' 33.99191"	435811.956	759865.768	209.654
06 - 28 - 04	40° 35' 51.18480"	89° 27' 33.48263"	436576.732	759871.600	213.830
06 - 28 - 05	40° 35' 28.88437"	89° 26' 42.27533"	435898.653	761081.191	207.560
06 - 28 - 06	40° 35' 52.34425"	89° 26' 40.67144"	436622.575	761112.970	209.297
06 - 20 - 07	40° 36' 19.71616"	89° 27' 34.25720"	437456.628	759846.320	216.427
06 - 21 - 08	40° 36' 19.95282"	89° 27' 15.60205"	437467.464	760284.817	217.301
06 - 21 - 09	40° 36' 20.95914"	89° 26′ 58.10818″	437501.843	760695.820	215.314
06 - 21 - 10	40° 36' 20.95262"	89° 26' 35.56226"	437505.979	761225.842	214.665
06 - 22 - 11	40° 36' 22.56817"	89° 25' 53.34460"	437564.033	762217.898	215.439
06 - 22 - 12	40° 36' 47.76090"	89° 25' 52.67584"	438341.229	762227.127	218.652
06 - 15 - 13	40° 36' 48.15543"	89° 26' 20.46471"	438347.969	761573.825	216.674
06 - 21 - 14	40° 36' 46.77712"	89° 26' 44.52278"	438300.801	761008.669	213.702
06 - 16 - 15	40° 36' 46.79702"	89° 27' 17.14764"	438295.173	760241.786	219.075
06 - 20 - 16	40° 36' 44.81296"	89° 27' 54.40621"	438226.943	759366.476	217.789
06 - 29 - 17	40° 35' 08.90529"	89° 28' 33.91232"	435261.356	758461.045	212.160
06 - 29 - 18	40° 35' 25.21372"	89° 28' 31.20644"	435764.883	758520.725	213.190
06 - 29 - 19	40° 35' 45.10243"	89° 28' 25.13000"	436379.467	758658.778	214.921
06 - 20 - 20	40° 36' 18.90404"	89° 27' 56.54258"	437427.388	759322.622	215.997
06 - 30 - 21	40° 35' 27.40517"	89° 28' 52.53018"	435828.557	758018.796	210.035
06 - 19 - 22	40° 36' 17.04117"	89° 28' 58.11110"	437358.544	757875.676	215.945
06 - 19 - 23	40° 36' 30.36609"	89° 29' 00.62062"	437769.089	757813.490	219.511
06 - 18 - 24	40° 36' 45.57990"	89° 29' 00.24019"	438238.424	757818.790	221.258
06 - 20 - 25 06 - 20 - 26	40° 36' 08.86519"	89° 28' 23.78950"	437112.670	758684.523	216.021
06 - 20 - 26 06 - 17 - 27rev	40° 36' 32.49590" 40° 36' 56.06259"	89° 28' 23.61650" 89° 28' 24.23212"	437841.584	758682.848	219.197
06 - 17 - 27 lev	40° 37' 09.13484"	89° 28' 16.72975"	438568.380 438972.981	758662.652	220.807
06 - 18 - 29	40° 37' 20.81435"	89° 28' 45.05921"	439328.002	758835.808 758167.145	218.630 221.813
06 - 08 - 30	40° 38' 04.24574"	89° 28' 43.18832"	440667.980	758200.641	217.091
06 - 08 - 31	40° 38' 22.82468"	89° 28' 43.20446"	441241.043	758195.780	217.570
06 - 08 - 32	40° 38' 03.94148"	89° 28' 09.21264"	440664.882	758999.089	215.348
06 - 05 - 33	40° 38' 41.27933"	89° 27' 52.40326"	441819.707	759384.891	217.564
06 - 05 - 34	40° 38' 09.31663"	89° 27' 51.91770"	440833.911	759404.170	217.701
06 - 09 - 35	40° 37' 43.06471"	89° 27' 34.75956"	440027.403	759813.857	219.045
06 - 09 - 36	40° 37' 42.91362"	89° 27' 02.19803"	440028.931	760579.106	219.291
06 - 04 - 37	40° 38' 43.81293"	89° 27' 01.70972"	441907.458	760575.289	219.347
06 - 07 - 38	40° 38' 31.25094"	89° 29' 06.18751"	441496.746	757653.743	216.751
06 - 07 - 39	40° 37' 42.24898"	89° 29' 03.92850"	439985.698	757718.542	217.443
06 - 07 - 40	40° 38' 02.53396"	89° 29' 23.57853"	440607.819	757251.943	215.183
05 - 12 - 41	40° 38' 11.80535"	89° 29' 49.57431"	440889.120	756638.904	218.707
06 - 04 - 42	40° 38' 50.70177"	89° 27' 19.43200"	442116.566	760157.194	217.027
06 - 04 - 43	40° 39' 07.08592"	89° 27' 19.88963"	442621.848	760142.356	219.737
06 - 08 - 44	40° 37' 41.14080"	89° 28′ 36.80245″	439956.487	758356.287	218.198
06 - 08 - 45	40° 37' 41.33357"	89° 28' 08.49469"	439967.678	759021.490	219.624



Materials:

Concrete

1 - Manument hole = +/- 0.121 Cubic Yards of

4000# whiterock

Reinforcing Finishing collar 2 - #4 rebar, 6' long

1 - 10" SDR-26 PVC, 1' long

Monument

1 - 4" Brass Survey Monument

Notes about construction:

->Holes typically drilled with a "Pole Truck" equipped with a 9" auger which leaves about a 9.5"-10" hole depending on the soil.
-> The PVC finishing collar is made from 10" PVC which depending on the drilling may require a minor amount of shaving at the top of the hole to accompate the collar.

->Holes may fill quickly with ground water and must be pumped

prior to placement of concrete.

-Rebar installed after about 3/4 of the concrete is placed in hole and should be left down from the top of the PVC about 2-3", to prevent pop-outs and to allow room for the monument stem to be placed in the top without interference with the rebar.

->Height of finished monument top should be no taller than 1" above surrounding grade to allow for mowing, snow plowing and

other safety considerations.

->Prior to placement of brass disc the concrete should be rough finished with a mound brought to the center of the finishing collar so that the disc may be placed in the middle of this mound and pushed down into the concrete thereby pushing out the air from under the disc and promoting good embedment of the disc in the foundation. The concrete should then be finished around the disc such that the disc is smooth with the top of the monument and the top of the monument is convex. The disc should be placed in the center of the finishing collar.

->If the location has decent ground cover it may be possible to cut the sod out prior to drilling the holes and replace the sod around the monument. If not, the area should be seeded and

covered with straw blanket (DS-75)

Village of Morton - GIS Monument Standard Detail

Drawn By: JEB Date: 03/09/07

MONUMENT: 06 - 32 - 01

MONUMENT DESIGNATION: 06 - 32 - 01 DATE: May 25, 2007

MONUMENT ELEVATION: 652.56 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-34'-09.65255" (N) LONGITUDE: 89°-27'-33.52536" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1422060.805 sf EASTING: 2493091.304 sf

*sf = survey feet

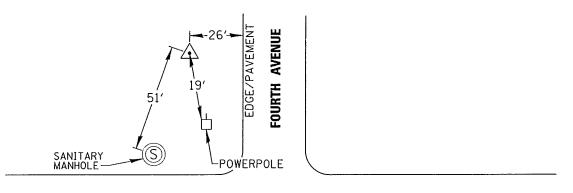
COMPANION MONUMENT: 06 - 33 - 02

BEARING TO COMPANION: N 00°-26'-20" E GRID DISTANCE: 3429.62 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH

4" BRONZE DISC

MONUMENT LOCATION SKETCH



BROADWAY ROAD



Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 33 - 02

MONUMENT DESIGNATION: <u>06 - 33 - 02</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 680.03 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-34'-43.53823" (N) LONGITUDE: 89°-27'-32.82789" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1425490.329 sf EASTING: 2493117.583 sf

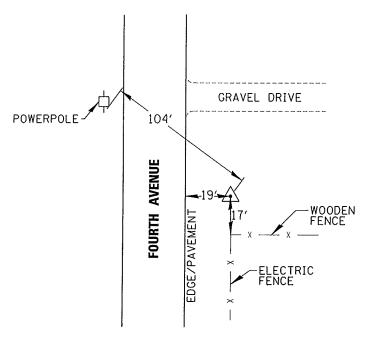
*sf = survey feet

COMPANION MONUMENT: 06 - 32 - 01

BEARING TO COMPANION: S 00°-26'-20" W GRID DISTANCE: 3429.62 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH





βB

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 29 - 03

MONUMENT DESIGNATION: <u>06 - 29 - 03</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 687.84 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-35'-26.39348" (N) LONGITUDE: 89°-27'-33.99191" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1429826.392 sf EASTING: 2492992.942 sf

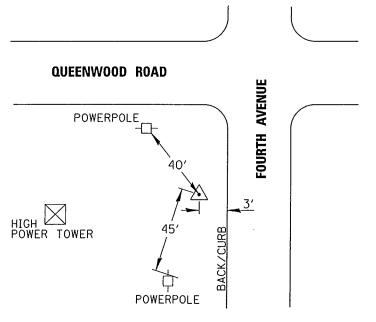
*sf = survey feet

COMPANION MONUMENT: 06 - 28 - 04

BEARING TO COMPANION: N 00°-26'-13" E GRID DISTANCE: 2509.18

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH





βB

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 28 - 04

MONUMENT DESIGNATION: <u>06 - 28 - 04</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 701.54 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-35'-51.18480" (N) LONGITUDE: 89°-27'-33.48263" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1432335.496 sf EASTING: 2493012.075 sf

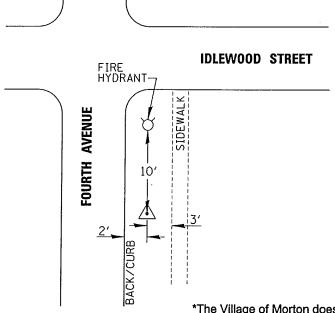
*sf = survey feet

COMPANION MONUMENT: 06 - 20 - 07

BEARING TO COMPANION: N 01°-38'-45" W GRID DISTANCE: 2887.98 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH



NOT TO SCALE

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 28 - 05

MONUMENT DESIGNATION: <u>06 - 28 - 05</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 680.97 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-35'-28.88437" (N) LONGITUDE: 89°-26'-42.27533" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1430110.830 sf EASTING: 2496980.540 sf

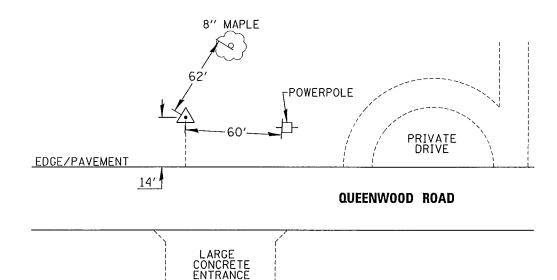
*sf = survey feet

COMPANION MONUMENT: <u>06 - 28 - 06</u>

BEARING TO COMPANION: N 02°-30'-49" E GRID DISTANCE: 2377.36 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH



NOT TO SCALE

g_B

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 28 - 06

MONUMENT DESIGNATION: <u>06 - 28 - 06</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 686.67 sf VERTICAL DATUM: NAVD 88

WG\$ 84 LATITUDE: 40°-35'-52.34425" (N) LONGITUDE: 89°-26'-40.67144" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1432485.898 sf EASTING: 2497084.802 sf

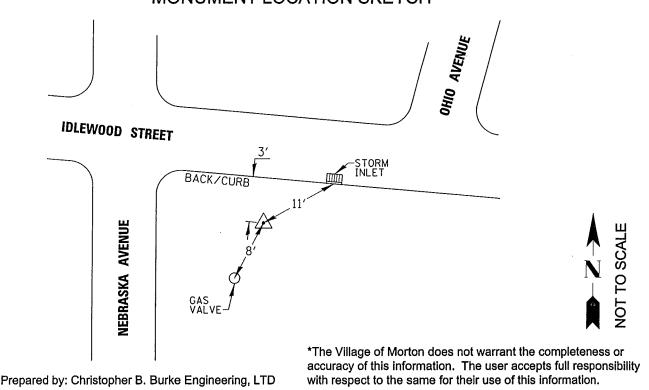
*sf = survey feet

COMPANION MONUMENT: 06 - 28 - 05

BEARING TO COMPANION: S 02°-30'-49" W GRID DISTANCE: 2377.36 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH



MONUMENT: 06 - 20 - 07

MONUMENT DESIGNATION: <u>06 - 20 - 07</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 710.06 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-36'-19.71616" (N) LONGITUDE: 89°-27'-34.25720" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1435222.287 sf EASTING: 2492929.135 sf

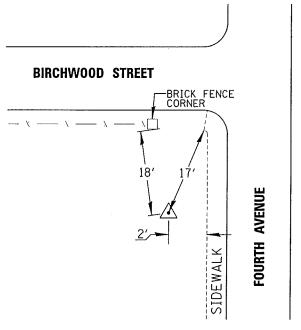
*sf = survey feet

COMPANION MONUMENT: 06 - 28 - 04

BEARING TO COMPANION: S 01°-38'-45" E GRID DISTANCE: 2887.98 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH





₽B

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 21 - 08

MONUMENT DESIGNATION: <u>06 - 21 - 08</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 712.93 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-36'-19.95282" (N) LONGITUDE: 89°-27'-15.60205" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1435257.837 sf EASTING: 2494367.770 sf

*sf = survey feet

COMPANION MONUMENT: 06 - 20 - 16

BEARING TO COMPANION: N 50°-24'-32" W GRID DISTANCE: 3909.78 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH 1.5′ 5.5′ BACK/CURB POWERPOLE 28′

₽B

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 21 - 09

MONUMENT DESIGNATION: <u>06 - 21 - 09</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 706.41 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-36'-20.95914" (N) LONGITUDE: 89°-26'-58.10818" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1435370.629 sf EASTING: 2495716.202 sf

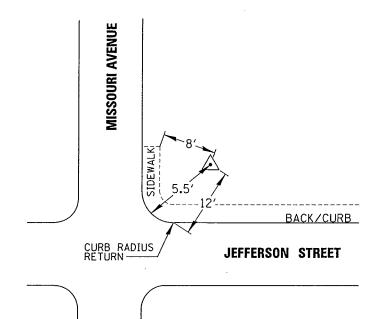
*sf = survey feet

COMPANION MONUMENT: 06 - 21 - 10

BEARING TO COMPANION: N 89°-33'-11" E GRID DISTANCE: 1738.97 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH







Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 21 - 10

MONUMENT DESIGNATION: <u>06 - 21 - 10</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 704.28 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-36'-20.95262" (N) LONGITUDE: 89°-26'-35.56226" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1435384.198 sf EASTING: 2497455.115 sf

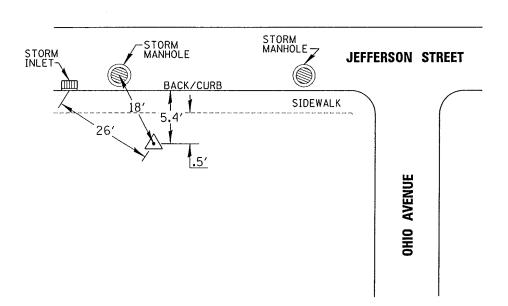
*sf = survey feet

COMPANION MONUMENT: 06 - 21 - 09

BEARING TO COMPANION: S 89°-33'-11" W GRID DISTANCE: 1738.97 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH







Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 22 - 11

MONUMENT DESIGNATION: 06 - 22 - 11 DATE: May 25, 2007

MONUMENT ELEVATION: 706.82 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-36'-22.56817" (N) LONGITUDE: 89°-25'-53.34460" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1435574.664 sf EASTING: 2500709.887 sf

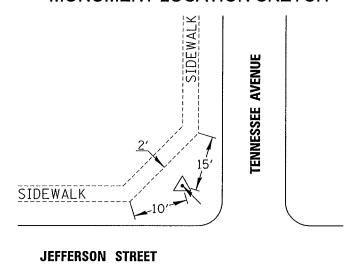
*sf = survey feet

COMPANION MONUMENT: 06 - 22 - 12

BEARING TO COMPANION: N 00°-40'-49" E GRID DISTANCE: 2550.03 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH







Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: <u>06 - 22 - 12</u>

MONUMENT DESIGNATION: <u>06 - 22 - 12</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 717.36 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-36'-47.76090" (N) LONGITUDE: 89°-25'-52.67584" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1438124.514 sf EASTING: 2500740.167 sf

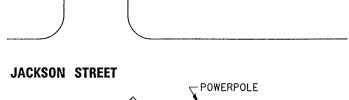
*sf = survey feet

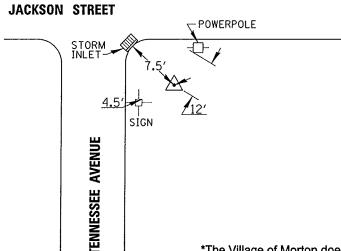
COMPANION MONUMENT: 06 - 22 - 11

BEARING TO COMPANION: S 00°-40'-49" W GRID DISTANCE: 2550.03 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH







Prepared by: Christopher B

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 15 - 13

MONUMENT DESIGNATION: <u>06 - 15 - 13</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 710.87 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-36'-48.15543" (N) LONGITUDE: 89°-26'-20.46471" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1438146.628 sf EASTING: 2498596.792 sf

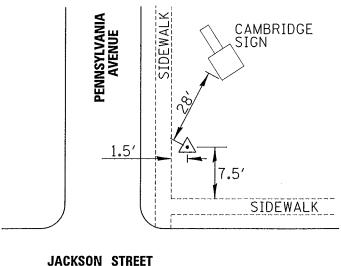
*sf = survey feet

COMPANION MONUMENT: 06 - 21 - 14

BEARING TO COMPANION: S 85°-13'-45" W GRID DISTANCE: 1860.63 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH







Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 21 - 14

MONUMENT DESIGNATION: <u>06 - 21 - 14</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 701.12 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-36'-46.77712" (N) LONGITUDE: 89°-26'-44.52278" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1437991.879 sf EASTING: 2496742.608 sf

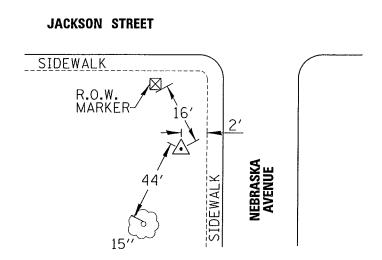
*sf = survey feet

COMPANION MONUMENT: 06 - 15 - 13

BEARING TO COMPANION: N 85°-13'-45" E GRID DISTANCE: 1860.63 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH







Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 16 - 15

MONUMENT DESIGNATION: <u>06 - 16 - 15</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 718.75 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-36'-46.79702" (N) LONGITUDE: 89°-27'-17.14764" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1437973.413 sf EASTING: 2494226.592 sf

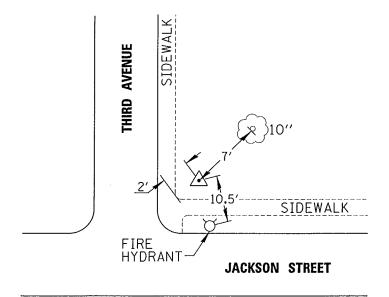
*sf = survey feet

COMPANION MONUMENT: NONE (NOT GPS OBSERVABLE)

BEARING TO COMPANION: _____ GRID DISTANCE: ____

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH







Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 20 - 16

MONUMENT DESIGNATION: <u>06 - 20 - 16</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 714.53 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-36'-44.81296" (N) LONGITUDE: 89°-27'-54.40621" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1437749.561 sf EASTING: 2491354.846 sf

*sf = survey feet

COMPANION MONUMENT: 06 - 21 - 08

BEARING TO COMPANION: S 50°-24'-32" E GRID DISTANCE: 3909.78 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH POWERPOLE POWERPOLE R.O.W. MARKER MARKER

βB

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 29 - 17

MONUMENT DESIGNATION: <u>06 - 29 - 17</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 696.06 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-35'-08.90529" (N) LONGITUDE: 89°-28'-33.91232" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1428019.966 sf EASTING: 2488384.277 sf

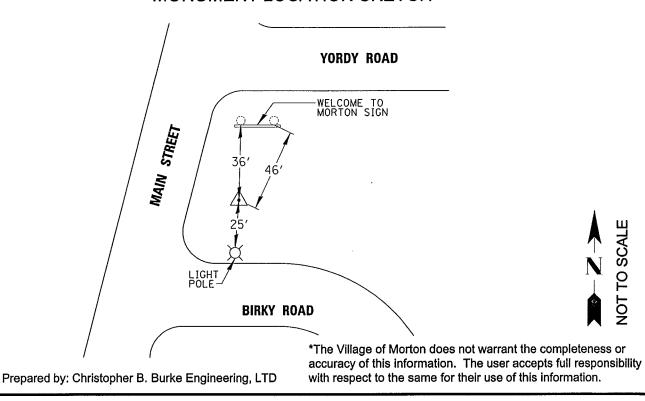
*sf = survey feet

COMPANION MONUMENT: 06 - 29 - 18

BEARING TO COMPANION: N 06°-45'-34" E GRID DISTANCE: 1663.55 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH



MONUMENT: 06 - 29 - 18

MONUMENT DESIGNATION: <u>06 - 29 - 18</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 699.44 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-35'-25.21372" (N) LONGITUDE: 89°-28'-31.20644" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1429671.953 sf EASTING: 2488580.080 sf

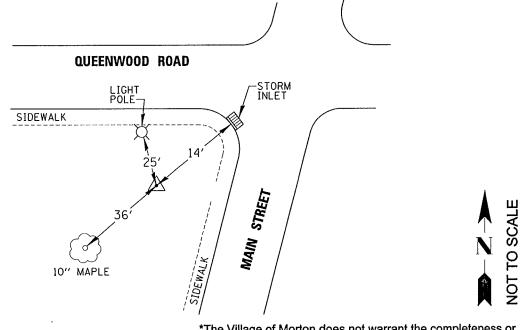
*sf = survey feet

COMPANION MONUMENT: 06 - 29 - 19

BEARING TO COMPANION: N 12°-39'-36" E GRID DISTANCE: 2066.59 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH



₽B

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 29 - 19

MONUMENT DESIGNATION: <u>06 - 29 - 19</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 705.12 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-35'-45.10243" (N) LONGITUDE: 89°-28'-25.13000" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1431688.300 sf EASTING: 2489033.006 sf

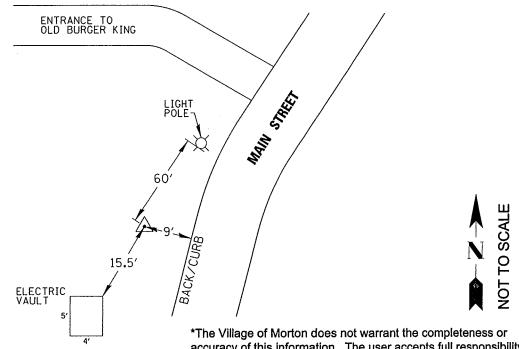
*sf = survey feet

COMPANION MONUMENT: 06 - 29 - 18

BEARING TO COMPANION: S 12°-39'-36" W GRID DISTANCE: 2066.59 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH





Prepared by: Christopher B. Burke Engineering, LTD

accuracy of this information. The user accepts full responsibility with respect to the same for their use of this information.

MONUMENT: 06 - 20 - 20

MONUMENT DESIGNATION: 06 - 20 - MONUMENT ELEVATION: 708.65 sf WGS 84 LATITUDE: 40°-36'-18.90404" (N) STATE PLANE COORDINATES DATUM: (NAD 83), 1997 ADJUSTMENT, ILLINOIS NORTHING: 1435126.356 sf EASTING	VERTICAL DATUM: NAVD 88 LONGITUDE: 89°-27'-56.54258" (W) NORTH AMERICAN DATUM OF 1983 WEST ZONE, 1202				
COMPANION MONUMENT: NONE BEARING TO COMPANION:	GRID DISTANCE:				
MONUMENT DESCRIPTION: CONCRETE 4" BRONZE					
MONUMENT LOCATION SKETCH					
BIRCHWOOD STREET POWERPOLE	SIDEWALK TRAFFIC LIGHT SIDEWALK TRAFFIC LIGHT *The Village of Morton does not warrant the completeness or				

Prepared by: Christopher B. Burke Engineering, LTD

accuracy of this information. The user accepts full responsibility

with respect to the same for their use of this information.

MONUMENT: 06 - 30 - 21

MONUMENT DESIGNATION: <u>06 - 30 - 21</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 689.09 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-35'-27.40517" (N) LONGITUDE: 89°-28'-52.53018" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1429880.859 sf EASTING: 2486933.332 sf

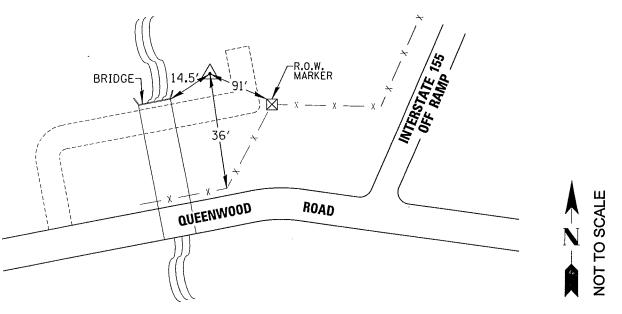
*sf = survey feet

COMPANION MONUMENT: 06 - 19 - 22

BEARING TO COMPANION: N 05°-20'-39" W GRID DISTANCE: 5041.54 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH



₽B

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 19 - 22

MONUMENT DESIGNATION: <u>06 - 19 - 22</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 708.48 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-36'-17.04117" (N) LONGITUDE: 89°-28'-58.11110" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1434900.489 sf EASTING: 2486463.780 sf

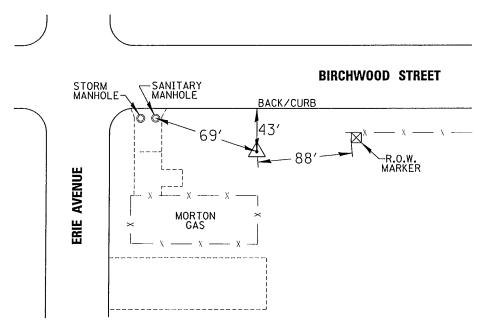
*sf = survey feet

COMPANION MONUMENT: <u>06 - 19 - 23</u>

BEARING TO COMPANION: N 08°-36'-47" W GRID DISTANCE: 1362.30 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH





BB

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 19 - 23

MONUMENT DESIGNATION: <u>06 - 19 - 23</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 720.18 sf VERTICAL DATUM: NAVD 88

WG\$ 84 LATITUDE: 40°-36'-30.36609" (N) LONGITUDE: 89°-29'-00.62062" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1436247.420 sf EASTING: 2486259.759 sf

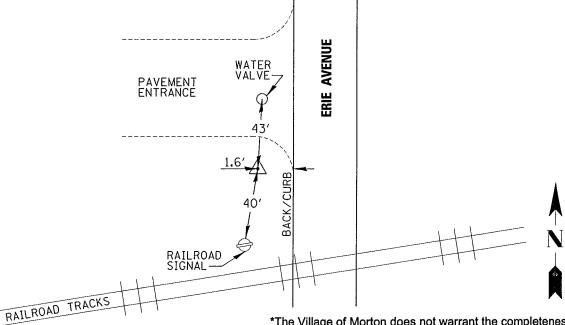
*sf = survey feet

COMPANION MONUMENT: 06 - 18 - 24

BEARING TO COMPANION: N 00°-38'-49" E GRID DISTANCE: 1539.91 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH



₽B

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT:___ 06 - 18 - 24

MONUMENT DESIGNATION: <u>06 - 18 - 24</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 725.91 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-36'-45.57990" (N) LONGITUDE: 89°-29'-00.24019" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: <u>1437787.231 sf</u> EASTING: <u>2486277.148 sf</u>

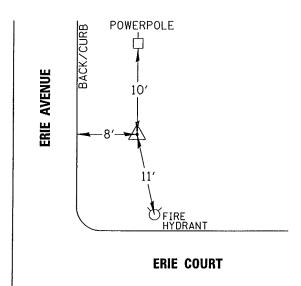
*sf = survey feet

COMPANION MONUMENT: 06 - 19 - 23

BEARING TO COMPANION: S 00°-38'-49" W GRID DISTANCE: 1539.91 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH



NOT TO SCALE

BB

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 20 - 25

MONUMENT DESIGNATION: <u>06 - 20 - 25</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 708.73 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-36'-08.86519" (N) LONGITUDE: 89°-28'-23.78950" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1434093.817 sf EASTING: 2489117.471 sf

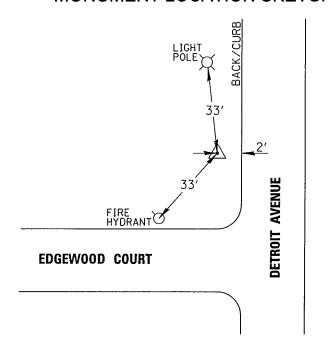
*sf = survey feet

COMPANION MONUMENT: 06 - 20 - 26

BEARING TO COMPANION: N 00°-07'-54" W GRID DISTANCE: 2391.45 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH







Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: <u>06 - 20 - 26</u>

MONUMENT DESIGNATION: <u>06 - 20 - 26</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 719.15 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-36'-32.49590" (N) LONGITUDE: 89°-28'-23.61650" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1436485.265 sf EASTING: 2489111.977 sf

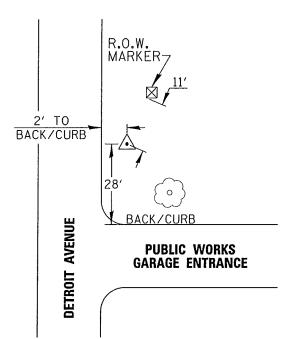
*sf = survey feet

COMPANION MONUMENT: 06 - 20 - 25

BEARING TO COMPANION: S 00°-07'-54" E GRID DISTANCE: 2391.45 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH



NOT TO SCALE

₽B

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 17 - 27 rev

MONUMENT DESIGNATION: 06 - 17 - 27 rev DATE: March 27, 2009

MONUMENT ELEVATION: 724.43 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-36'-56.06259" (N) LONGITUDE: 89°-28'-24.23212" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1438869.759 sf EASTING: 2489045.714 sf

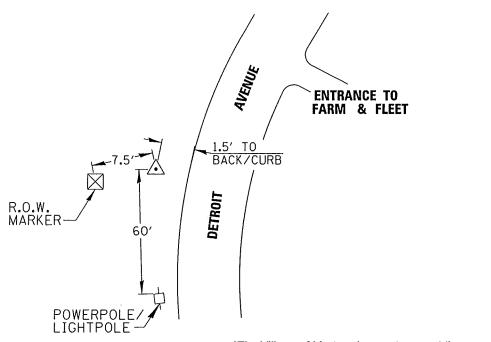
*sf = survey feet

COMPANION MONUMENT: 06 - 17 - 28

BEARING TO COMPANION: N 23°-10'-10" E GRID DISTANCE: 1443.89 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH





Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 17 - 28

MONUMENT DESIGNATION: <u>06 - 17 - 28</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 717.29 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-37'-09.13484" (N) LONGITUDE: 89°-28'-16.72975" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1440197.190 sf EASTING: 2489613.815 sf

*sf = survey feet

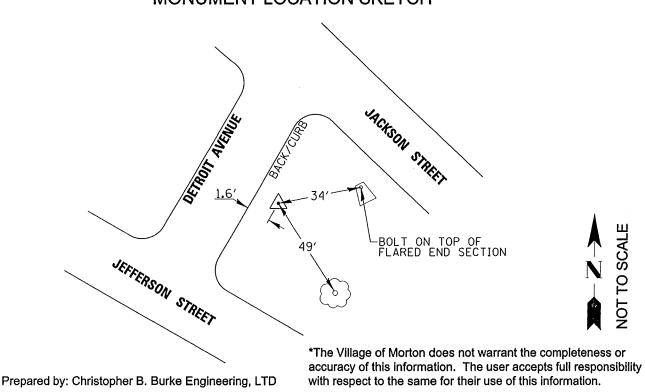
COMPANION MONUMENT: 06 - 17 - 27

BEARING TO COMPANION: * S 23°-10'-10" W GRID DISTANCE: *1443.89 sf

* information revised, 3-27-09

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH



MONUMENT: 06 - 18 - 29

MONUMENT DESIGNATION: <u>06 - 18 - 29</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 727.73 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-37'-20.81435" (N) LONGITUDE: 89°-28'-45.05921" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1441361.954 sf EASTING: 2487420.043 sf

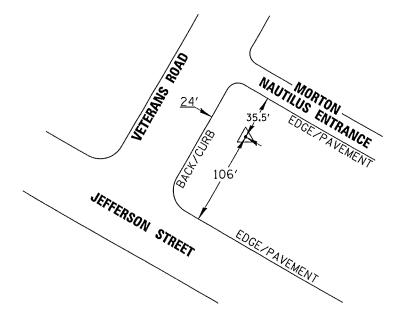
*sf = survey feet

COMPANION MONUMENT: NONE

BEARING TO COMPANION: _____ GRID DISTANCE: ____

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH







Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 08 - 30

MONUMENT DESIGNATION: <u>06 - 08 - 30</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 712.24 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-38'-04.24574" (N) LONGITUDE: 89°-28'-43.18832" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1445758.199 sf EASTING: 2487529.937 sf

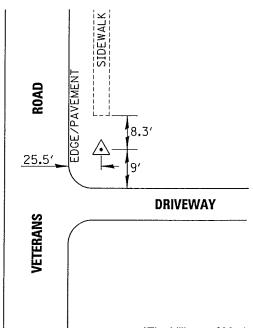
*sf = survey feet

COMPANION MONUMENT: 06 - 06 - 32

BEARING TO COMPANION: S 89°-46'-40" E GRID DISTANCE: 2619.59 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH





ξB

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 08 - 31

MONUMENT DESIGNATION: <u>06 - 08 - 31</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 713.81 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-38'-22.82468" (N) LONGITUDE: 89°-28'-43.20446" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1447638.321 sf EASTING: 2487513.989 sf

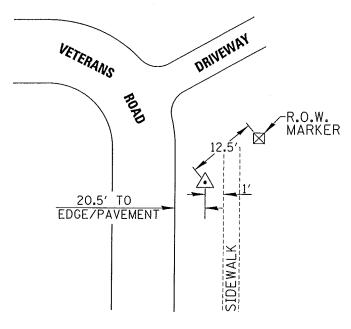
*sf = survey feet

COMPANION MONUMENT: 06 - 06 - 30

BEARING TO COMPANION: S 00°-29'-10" E GRID DISTANCE: 1880.19 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH







Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 08 - 32

MONUMENT DESIGNATION: <u>06 - 08 - 32</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 706.52 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-38'-03.94148" (N) LONGITUDE: 89°-28'-09.21264" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1445748.034 sf EASTING: 2490149.512 sf

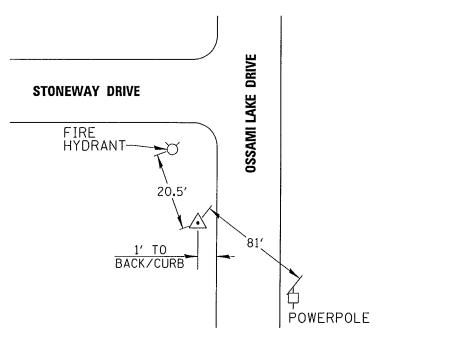
*sf = survey feet

COMPANION MONUMENT: 06 - 06 - 30

BEARING TO COMPANION: N 89°-46'-40" W GRID DISTANCE: 2619.59 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH





Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 05 - 33

MONUMENT DESIGNATION: <u>06 - 05 - 33</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 713.79 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-38'-41.27933" (N) LONGITUDE: 89°-27'-52.40326" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1449536.821 sf EASTING: 2491415.263 sf

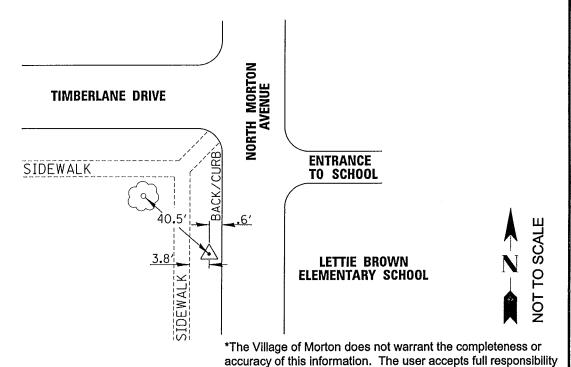
*sf = survey feet

COMPANION MONUMENT: 06 - 08 - 34

BEARING TO COMPANION: S 01°-07'-13" E GRID DISTANCE: 3234.85 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH



with respect to the same for their use of this information.

gB

Prepared by: Christopher B. Burke Engineering, LTD

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MONUMENT: 06 - 08 - 34

MONUMENT DESIGNATION: <u>06 - 08 - 34</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 714.24 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-38'-09.31663" (N) LONGITUDE: 89°-27'-51.91770" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1446302.589 sf EASTING: 2491478.513 sf

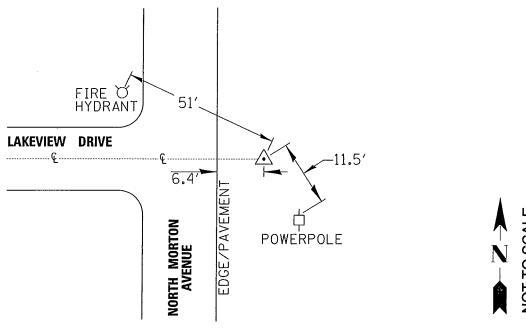
*sf = survey feet

COMPANION MONUMENT: _____06 - 05 - 33

BEARING TO COMPANION: N 01°-07'-13" W GRID DISTANCE: 3234.85 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH



gB

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 09 - 35

MONUMENT DESIGNATION: <u>06 - 09 - 35</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 718.65 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-37'-43.06471" (N) LONGITUDE: 89°-27'-34.75956" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1443656.570 sf EASTING: 2492822.629 sf

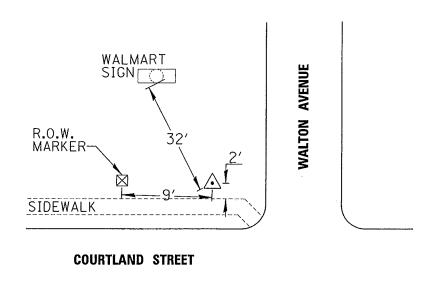
*sf = survey feet

COMPANION MONUMENT: 06 - 09 - 36

BEARING TO COMPANION: N 89°-53'-08" E GRID DISTANCE: 2510.66 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH





NOT TO SCALE



Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 09 - 36

MONUMENT DESIGNATION: <u>06 - 09 - 36</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 719.46 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-37'-42.91362" (N) LONGITUDE: 89°-27'-02.19803" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1443661.583 sf EASTING: 2495333.284 sf

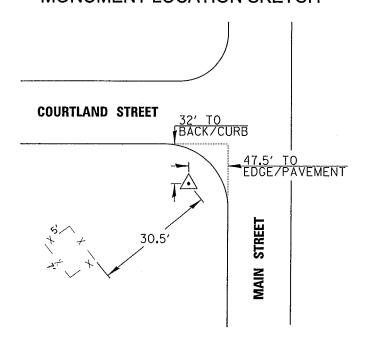
*sf = survey feet

COMPANION MONUMENT: 06 - 09 - 35

BEARING TO COMPANION: S 89°-53'-08" W GRID DISTANCE: 2510.66 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH



NOT TO SCALE

gB

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 04 - 37

MONUMENT	DESIGNATION:	06 - 04 - 37	DATE:	May 25, 2007

MONUMENT ELEVATION: _____719.64 sf _____ VERTICAL DATUM: NAVD 88 WGS 84 LATITUDE: __40°-38'-43.81293" (N) ____ LONGITUDE: __89°-27'-01.70972" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202 NORTHING: 1449824.719 sf EASTING: 2495320.760 sf

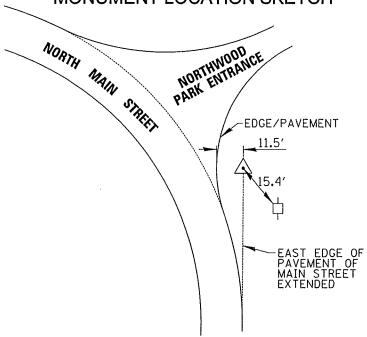
*sf = survey feet

COMPANION MONUMENT: NONE

BEARING TO COMPANION: _____ GRID DISTANCE: ____

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH





g_B

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06.	- 07 - 38
MONUMENT DESIGNATION: 06 - 07 - 3 MONUMENT ELEVATION: 711.12 sf WGS 84 LATITUDE: 40°-38'-31.25094" (N) STATE PLANE COORDINATES DATUM: I (NAD 83), 1997 ADJUSTMENT, ILLINOIS NORTHING: 1448477.241 sf EASTING:	VERTICAL DATUM: NAVD 88 LONGITUDE: 89°-29'-06.18751" (W) NORTH AMERICAN DATUM OF 1983 WEST ZONE, 1202
COMPANION MONUMENT: NONE BEARING TO COMPANION:	GRID DISTANCE:
MONUMENT DESCRIPTION: CONCRETE 4" BRONZE	
MILDLIFE DRIVE	VETERANS ROAD E/PAVEMENT HOUSE *The Village of Morton does not warrant the completeness or accuracy of this information. The user accepts full responsibility
Prepared by: Christopher B. Burke Engineering, LTD	accuracy of this information. The user accepts full responsibility with respect to the same for their use of this information.

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MONUMENT: 06 - 07 - 39

MONUMENT DESIGNATION: 06 - 07 - 39 DATE: May 25, 2007

MONUMENT ELEVATION: 713.39 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-37'-42.24898" (N) LONGITUDE: 89°-29'-03.92850" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1443519.745 sf EASTING: 2485948.249 sf

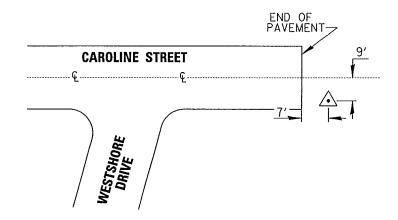
*sf = survey feet

COMPANION MONUMENT: NONE

BEARING TO COMPANION: _____ GRID DISTANCE: _____

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH







Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 07 - 40

MONUMENT DESIGNATION: <u>06 - 07 - 40</u> DATE: <u>May 25, 2007</u>

MONUMENT ELEVATION: 705.98 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-38'-02.53396" (N) LONGITUDE: 89°-29'-23.57853" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1445560.820 sf EASTING: 2484417.416 sf

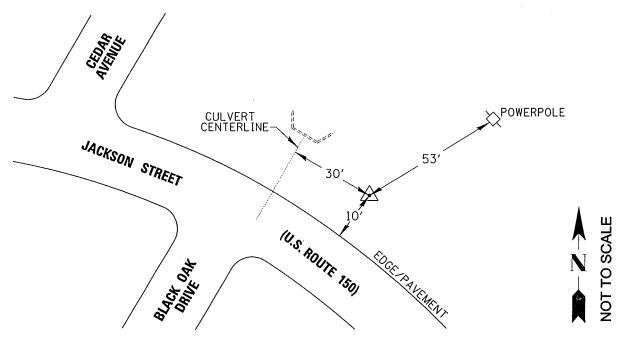
*sf = survey feet

COMPANION MONUMENT: 05 - 12 - 41

BEARING TO COMPANION: N 65°-21'-05" W GRID DISTANCE: 2212.91 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH



βB

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 05 - 12 - 41

MONUMENT DESIGNATION: 05 - 12 - 41 DATE: May 25, 2007

MONUMENT ELEVATION: 717.54 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-38'-11.80535" (N) LONGITUDE: 89°-29'-49.57431" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1446483.720 sf EASTING: 2482406.136 sf

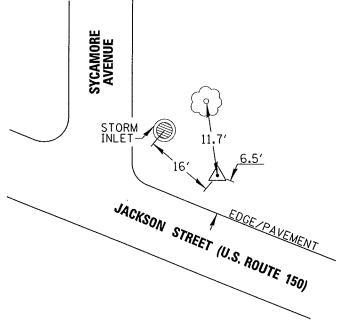
*sf = survey feet

COMPANION MONUMENT: 06 - 07 - 40

BEARING TO COMPANION: S 65°-21'-05" E GRID DISTANCE: 2212.91 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH







Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 04 - 42

MONUMENT DESIGNATION: 06 - 04 - 42 DATE: October 18, 2007

MONUMENT ELEVATION: 712.03 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-38'-50.70177" (N) LONGITUDE: 89°-27'-19.43200" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1450510.765 sf EASTING: 2493949.059 sf

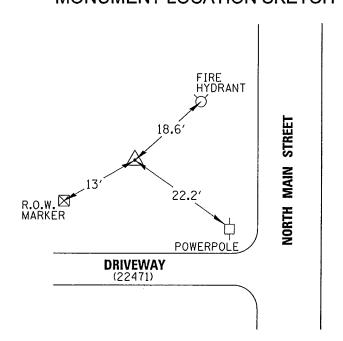
*sf = survey feet

COMPANION MONUMENT: <u>06 - 04 - 43</u>

BEARING TO COMPANION: N 01°-40'-55" W GRID DISTANCE: 1658.46 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH







Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 04 - 43

MONUMENT DESIGNATION: 06 - 04 - 43 DATE: October 18, 2007

MONUMENT ELEVATION: 720.92 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-39'-07.08592" (N) LONGITUDE: 89°-27'-19.88963" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: <u>1452168.510 sf</u> EASTING: <u>2493900.379 sf</u>

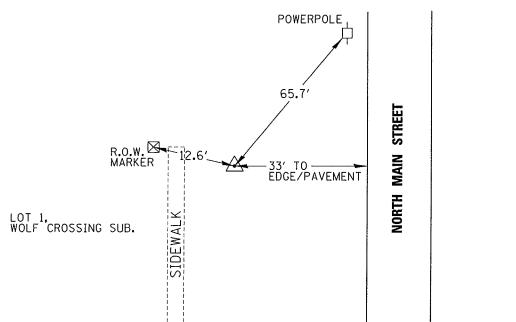
*sf = survey feet

COMPANION MONUMENT: 06 - 04 - 42

BEARING TO COMPANION: S 01°-40'-55" E GRID DISTANCE: 1658.46 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH



NOT TO SCALE

₽B

Prepared by: Christopher B. Burke Engineering, LTD

MONUMENT: 06 - 08 - 44

MONUMENT DESIGNATION: <u>06 - 08 - 44</u> DATE: <u>July 20, 2009</u>

MONUMENT ELEVATION: 715.87 sf VERTICAL DATUM: NAVD 88 WGS 84 LATITUDE: 40°-37'-41,14080" (N) LONGITUDE: 89°-28'-36.80245" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

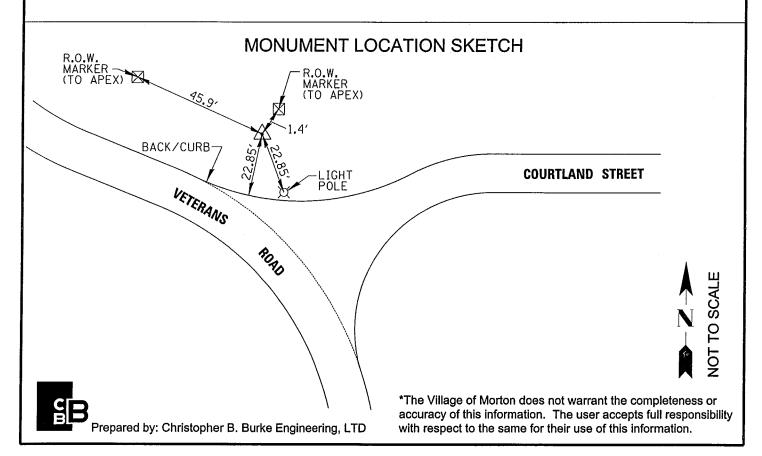
NORTHING: 1443423.907 sf EASTING: 2488040.582 sf

*sf = survey feet

COMPANION MONUMENT: 06 - 08 - 45

BEARING TO COMPANION: N 89°-02'-10" E GRID DISTANCE: 2182.73 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC



MONUMENT: 06 - 08 - 45

MONUMENT DESIGNATION: 06 - 08 - 45 DATE: July 20, 2009

MONUMENT ELEVATION: 720.55 sf VERTICAL DATUM: NAVD 88

WGS 84 LATITUDE: 40°-37'-41.33357" (N) LONGITUDE: 89°-28'-08.49469" (W)

STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983

(NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202

NORTHING: 1443460.623 sf EASTING: 2490223.003 sf

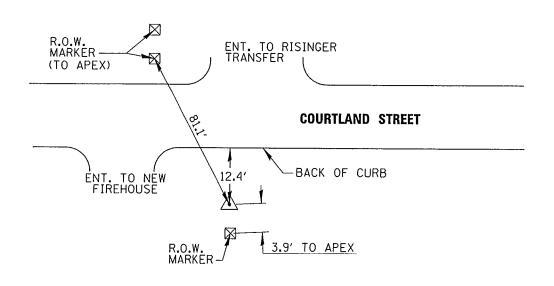
*sf = survey feet

COMPANION MONUMENT: 06 - 08 - 44

BEARING TO COMPANION: S 89°-02'-10" W GRID DISTANCE: 2182.73 sf

MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC

MONUMENT LOCATION SKETCH



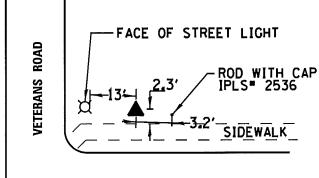


Prepared by: Christopher B. Burke Engineering, LTD

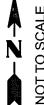
MONUMENT: <u>05 - 01 - 46</u>

	MONUMENT DESIGNATION:05 - 01 - 46 DATE:July 19, 2012 MONUMENT ELEVATION:679.51 sf VERTICAL DATUM: NAVD 88 WGS 84 LATITUDE:40°-39'-04.05618" (N) LONGITUDE:89°-29'-44.89294" (W) STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983 (NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202 NORTHING:1451774.097 sf EASTING:2482726.703 sf *sf = survey feet		
	COMPANION MONUMENT: BEARING TO COMPANION: GRID DISTANCE:		
MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC			

MONUMENT LOCATION SKETCH



TIMBER OAKS TRAIL





MONUMENT: <u>06 - 06 - 47</u>

MONUMENT DESIGNATION: 06-06-47 DATE: July 19, 2012 MONUMENT ELEVATION: 682.31 sf VERTICAL DATUM: NAVD 88 WGS 84 LATITUDE: 40°-39'-00.18708" (N) LONGITUDE: 89°-29'-27.02907" (W) STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983 (NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202 NORTHING: 1451393.097 sf EASTING: 2484106.572 sf *sf = survey feet COMPANION MONUMENT: NONE BEARING TO COMPANION: GRID DISTANCE: MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC MONUMENT LOCATION SKETCH MONUMENT LOCATION SKETCH TURTLE CREEK TRAIL NO MOTOR SIGN NO MOTOR VEHICLES SIGN NO MOTOR VEH					
MONUMENT DESCRIPTION: CONCRETE MONUMENT ± 6.0 FEET DEEP WITH 4" BRONZE DISC MONUMENT LOCATION SKETCH MONUMENT LOCATION SKETCH TURTLE CREEK TRAIL NO MOTOR VEHICLES SIGN NO MOTOR VEHICLES SIGN	MONUMENT ELEVATION:682.31 sf VERTICAL DATUM: NAVD 88 WGS 84 LATITUDE:40°-39'-00.18708" (N) LONGITUDE:89°-29'-27.02907" (W) STATE PLANE COORDINATES DATUM: NORTH AMERICAN DATUM OF 1983 (NAD 83), 1997 ADJUSTMENT, ILLINOIS WEST ZONE, 1202 NORTHING:1451393.097 sf EASTING:2484106.572 sf				
MONUMENT LOCATION SKETCH MONUMENT LOCATION SKETCH CENTER OF DOUBLE OAK BACK OF CURB NO MOTOR VEHICLES SIGN POOL DOUBLE OAK NO MOTOR VEHICLES SIGN					
BACK OF CURB TURTLE CREEK TRAIL NO MOTOR VEHICLES SIGN					
TURTLE CREEK TRAIL NO MOTOR VEHICLES SIGN NO MOTOR VEHICLES SIGN	MONUMENT LOCATION SKETCH				
Prepared by: Millennia Professional Services of Illinois *The Village of Morton does not warrant the completeness or accuracy of this information. The user accepts full responsibility with respect to the same for their use of this information.	TURTLE CREEK TRAIL *The Village of Morton does not warrant the completeness or				