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STATE OF INDIANA
LAKE COUNTY
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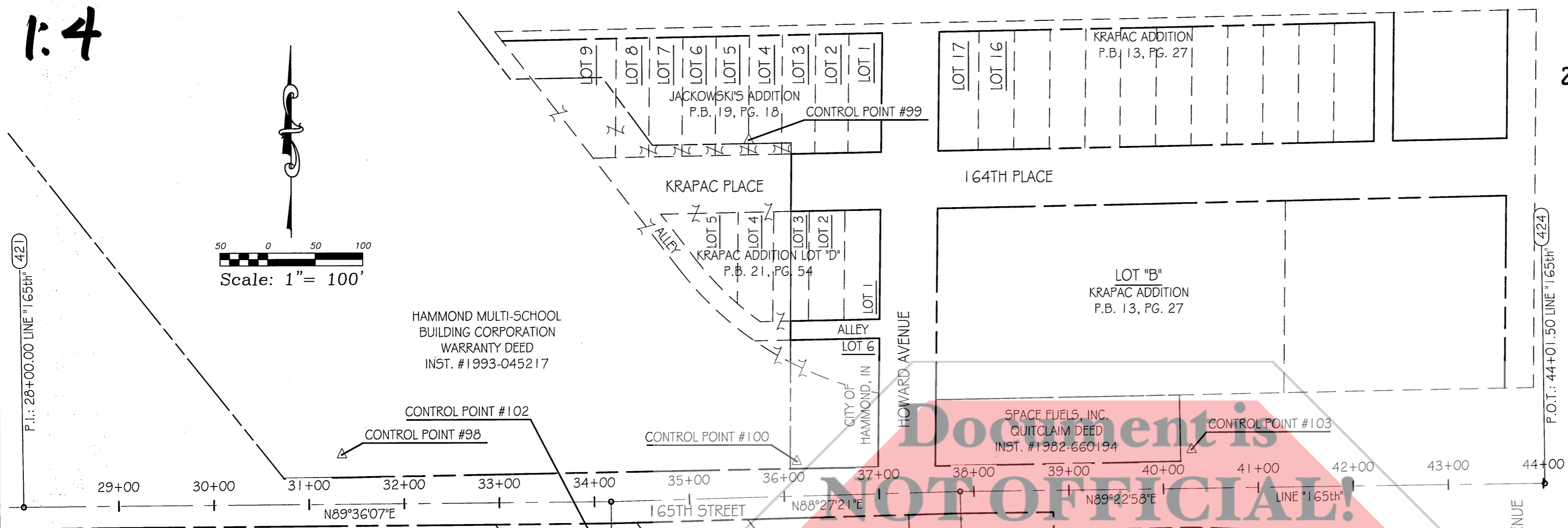
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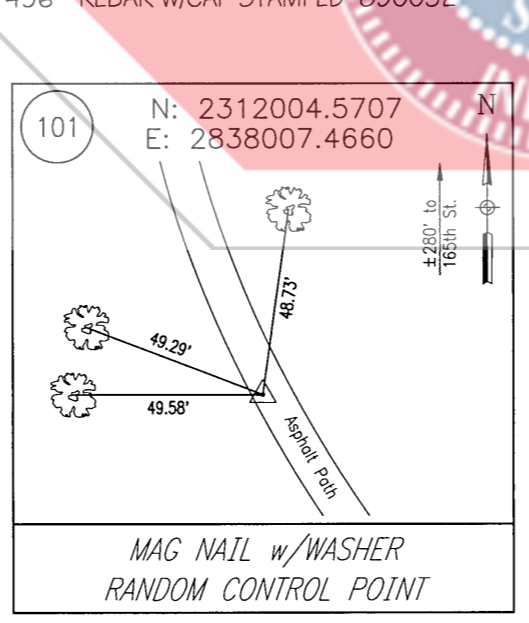
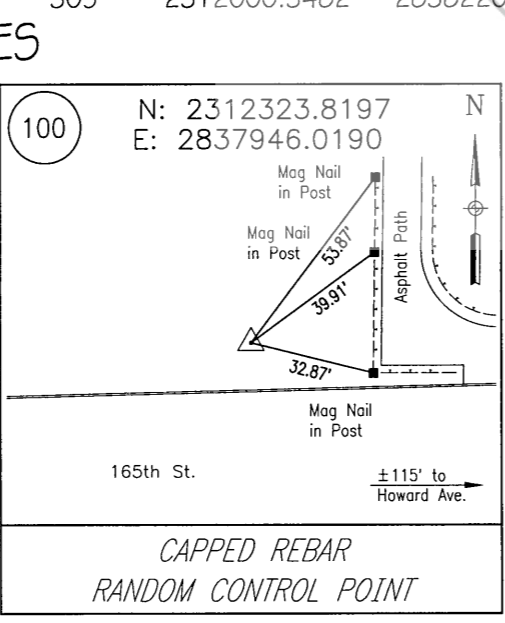
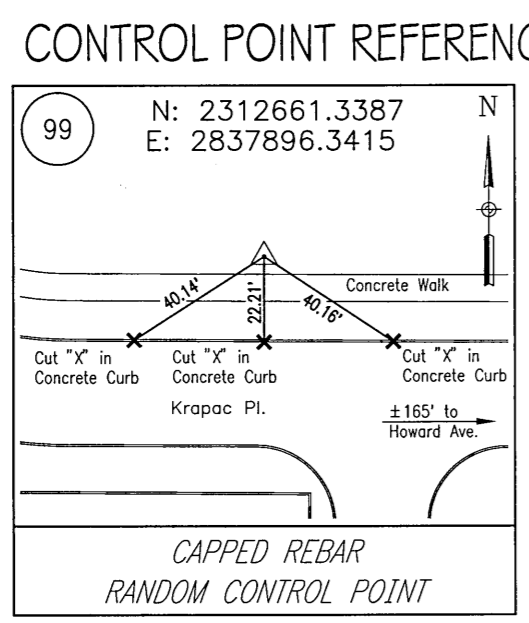
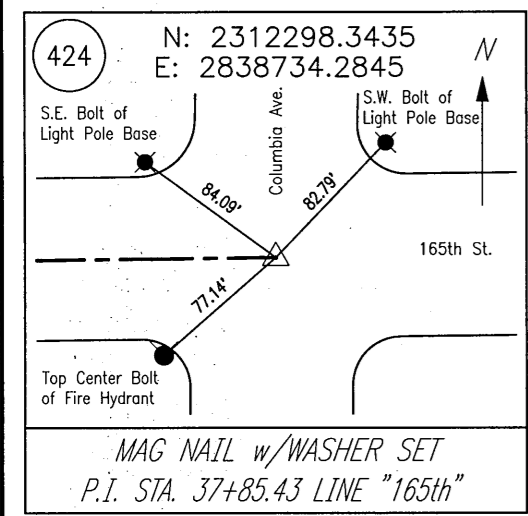
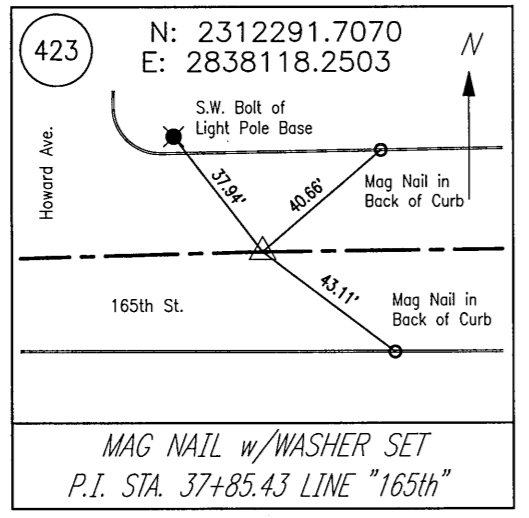
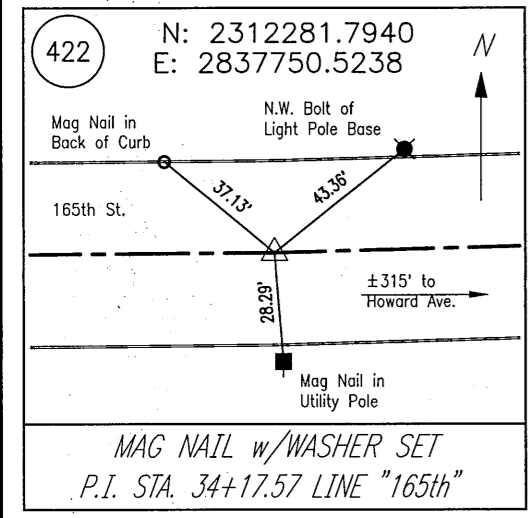
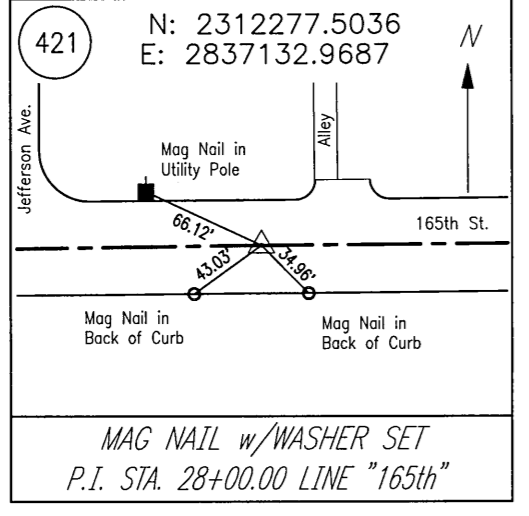
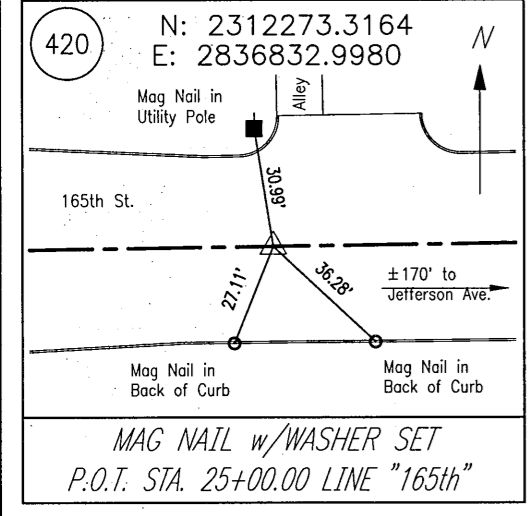
MICHAEL S. FAJMAN
RECORDER

23-72

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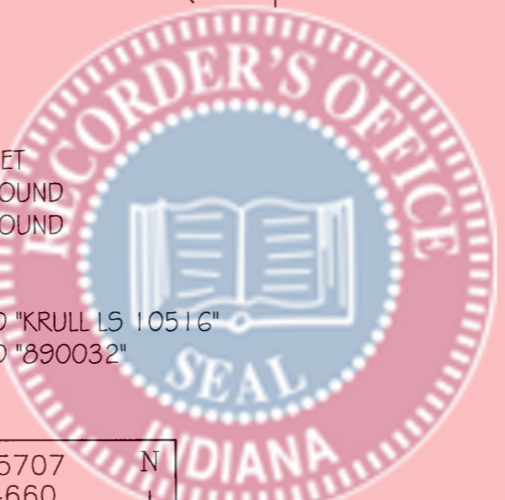
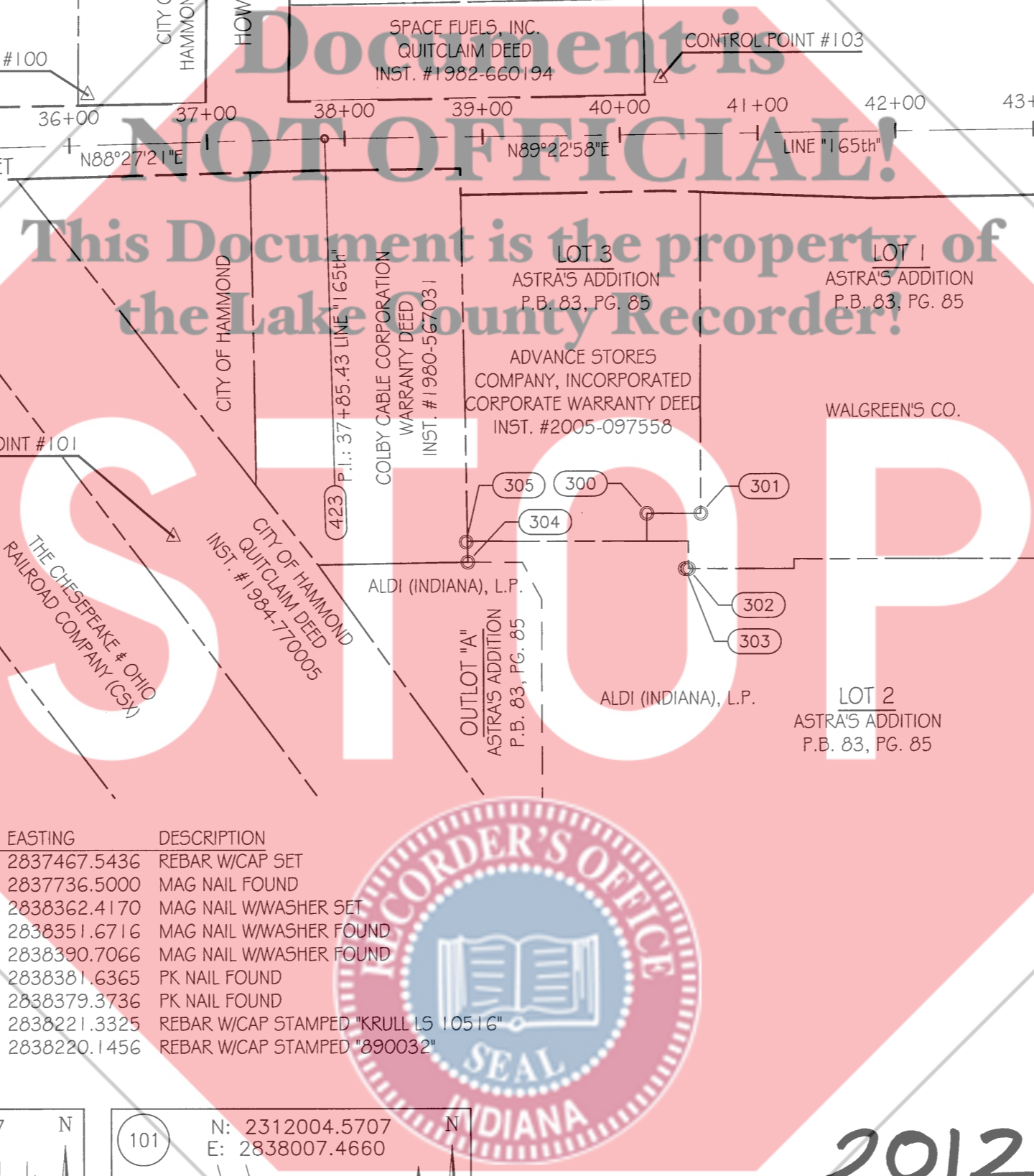


ALIGNMENT POINT REFERENCES



MONUMENT POINT LISTING

POINT #	NORTHING	EASTING	DESCRIPTION
98	2312332.0682	2837467.5436	REBAR W/CAP SET
102	2312238.0987	2837736.5000	MAG NAIL FOUND
103	2312335.5777	2838362.4170	MAG NAIL W/WASHER SET
300	2312020.8102	2838351.6716	MAG NAIL W/WASHER FOUND
301	2312020.7092	2838390.7066	MAG NAIL W/WASHER FOUND
302	2311980.6662	2838381.6365	PK NAIL FOUND
303	2311980.6742	2838379.3736	PK NAIL FOUND
304	2311985.7232	2838221.3325	REBAR W/CAP STAMPED "KRULL 15 10516"
305	2312000.3482	2838220.1456	REBAR W/CAP STAMPED "890032"



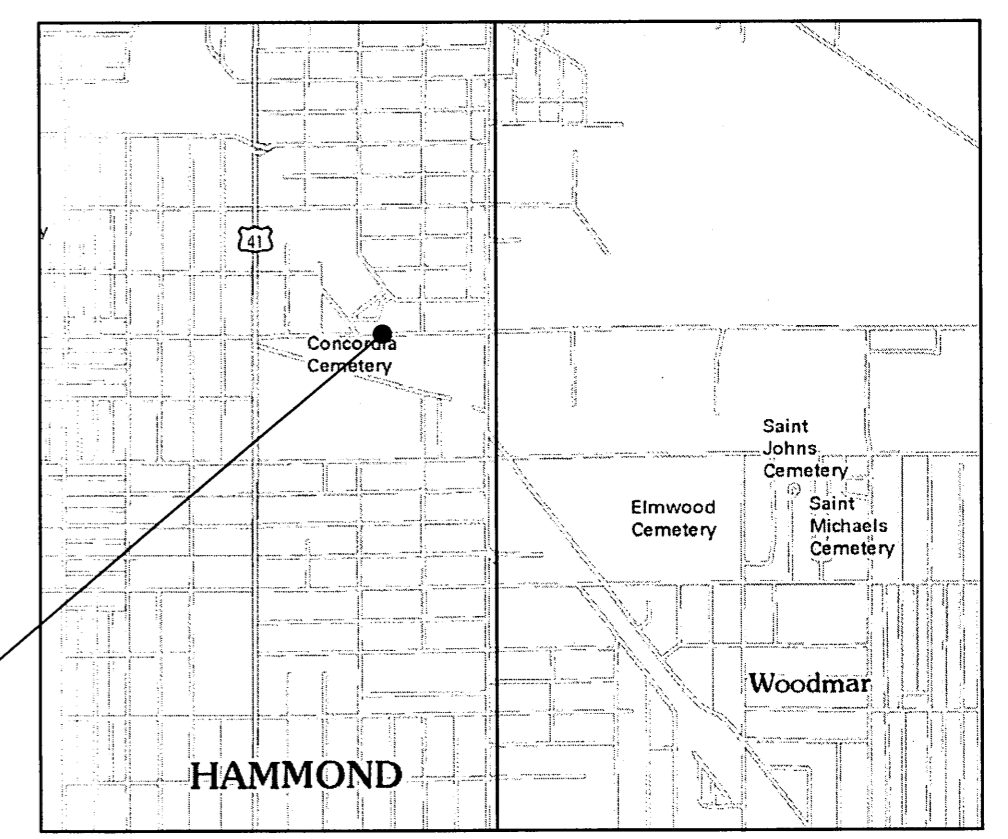
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JUN 22 2012

PEGGY HOLINGA KATONA
LAKE COUNTY AUDITOR

35
CS
AD

VICINITY MAP
NOT TO SCALE



2012-041567

I affirm under penalties of perjury, that I have taken reasonable care to redact each Social Security number in this document unless required by law.

Name (printed) DEWEY L. WITTE
Signature Dewey L. Witte

SURVEYOR STATEMENT		LAKE CO. - 165TH ST. & HOWARD AVE. PEDESTRIAN BRIDGE													
THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 THROUGH 1-12-25 REGARDING ROUTE SURVEYS. EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.															
PREPARED BY: BLN Beam, Longest and Neff, LLC Consulting Engineers, Land Surveyors, Land Planners & Landscape Architects		PREPARED BY: <u>Dewey L. Witte</u> 04/20/2012 REGISTERED LAND SURVEYOR DATE													
8126 Castleton Road, Indianapolis, IN 46250 Phone: 317.849.5832		www.B-L-N.com Fax: 317.841.4281													
<table border="1"> <tr> <th>SURVEY STARTED</th> <th>PROJECT NO.</th> <th>DES. NO.</th> </tr> <tr> <td>MARCH 8, 2012</td> <td></td> <td></td> </tr> <tr> <th>SURVEY COMPLETED</th> <th>SHEET</th> <th>TOTAL</th> </tr> <tr> <td>APRIL 20, 2012</td> <td>1</td> <td>4</td> </tr> </table>		SURVEY STARTED	PROJECT NO.	DES. NO.	MARCH 8, 2012			SURVEY COMPLETED	SHEET	TOTAL	APRIL 20, 2012	1	4		
SURVEY STARTED	PROJECT NO.	DES. NO.													
MARCH 8, 2012															
SURVEY COMPLETED	SHEET	TOTAL													
APRIL 20, 2012	1	4													

2:4

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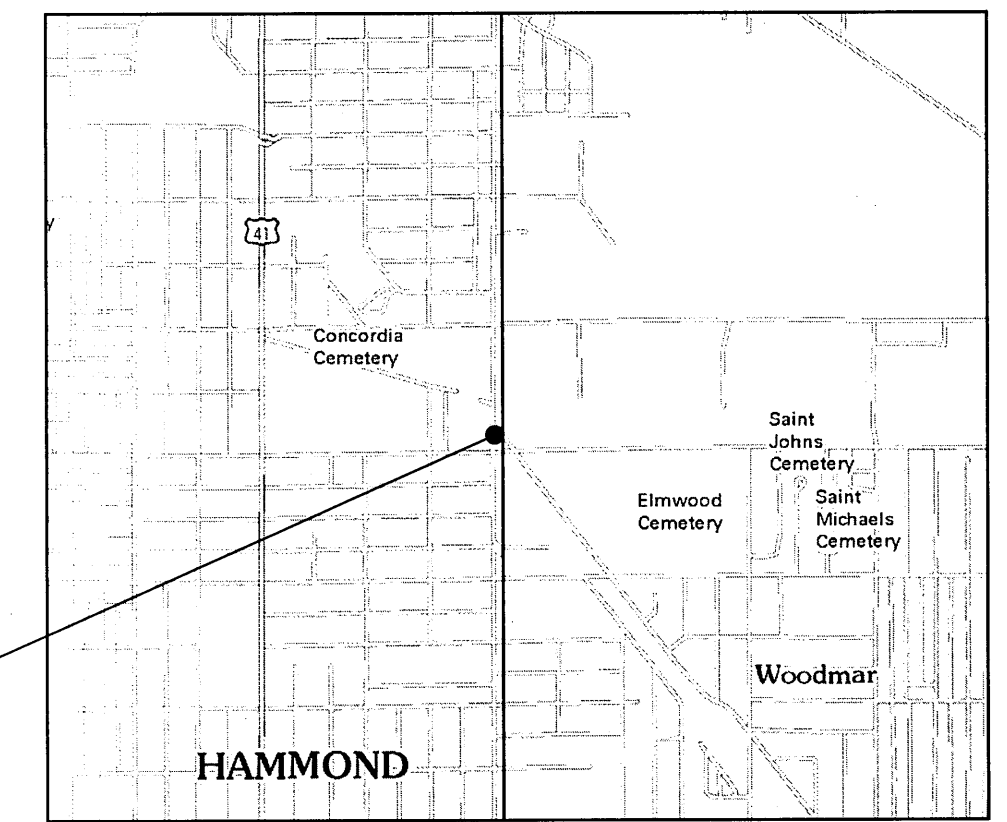
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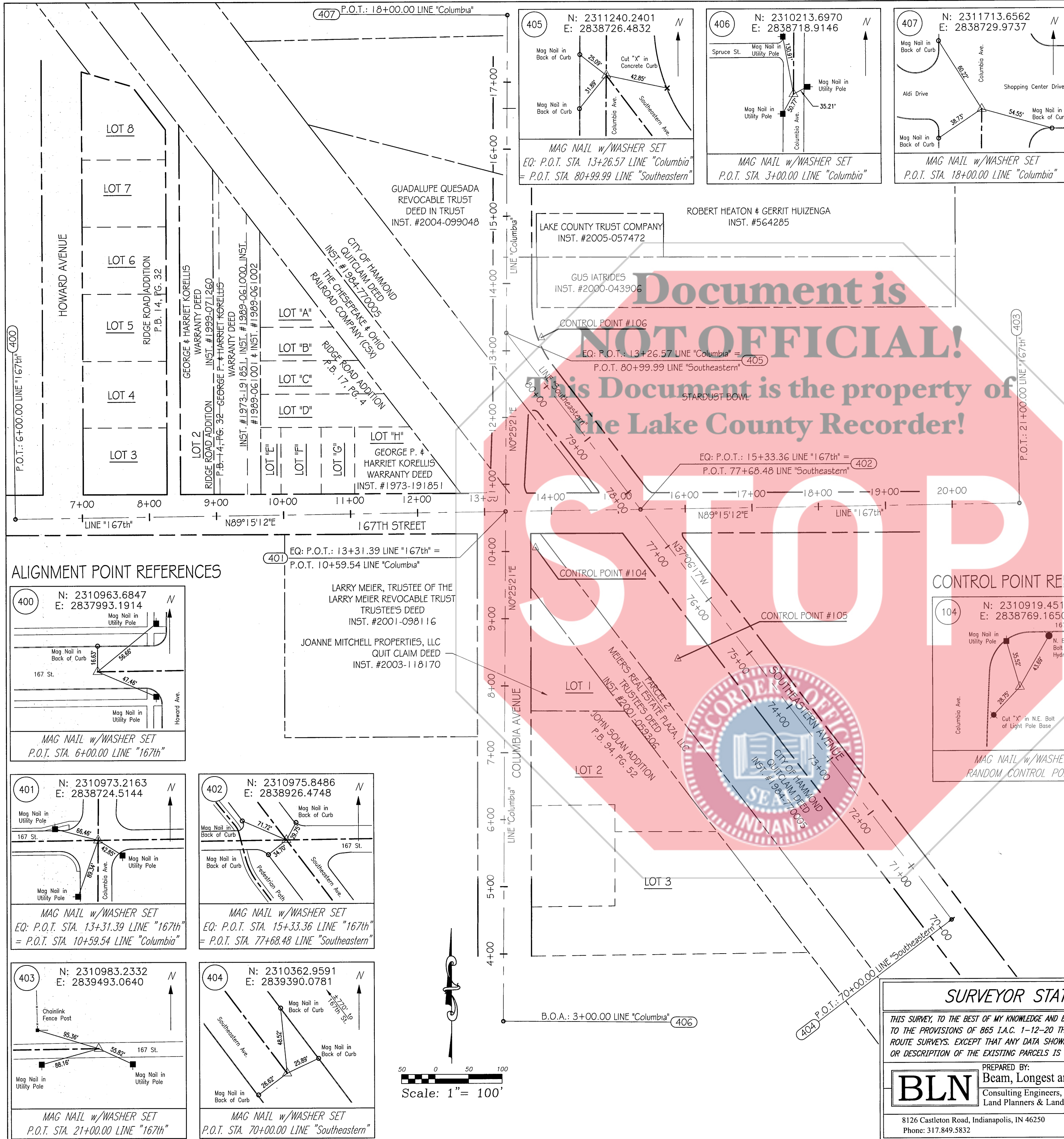
2012 041567

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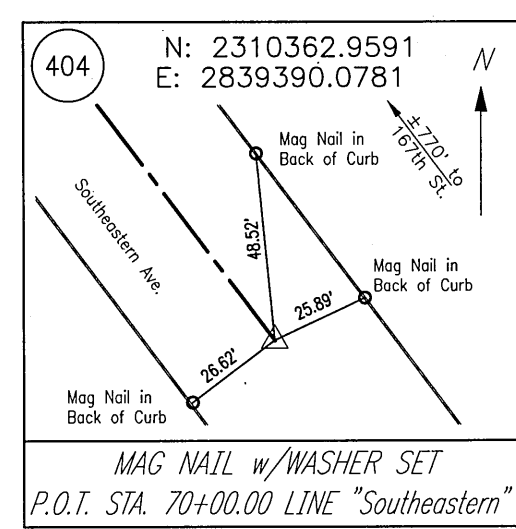
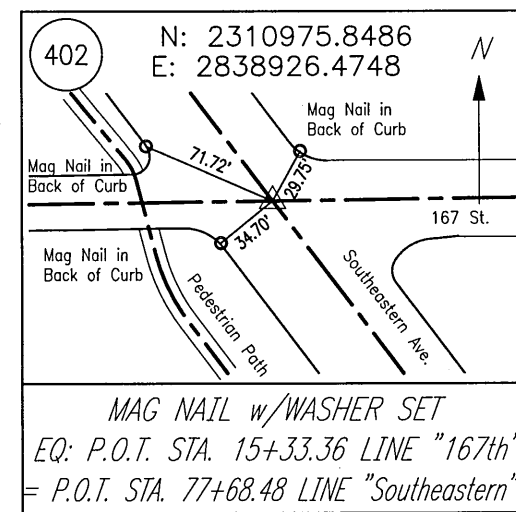
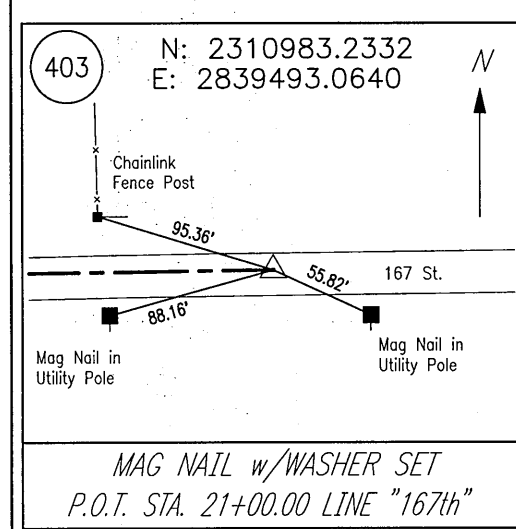
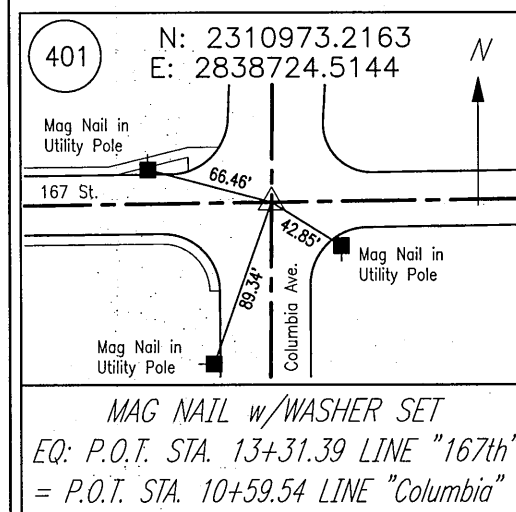
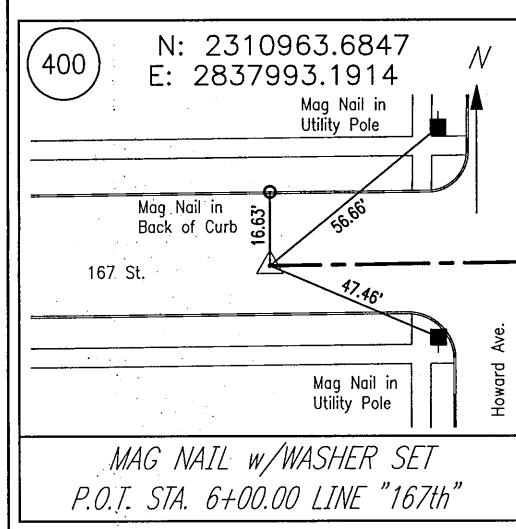
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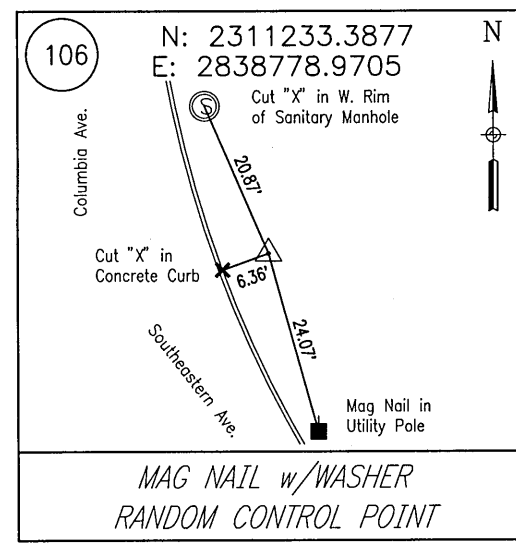
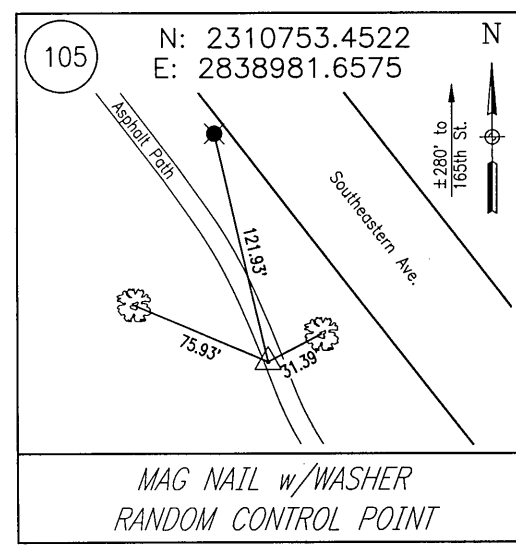
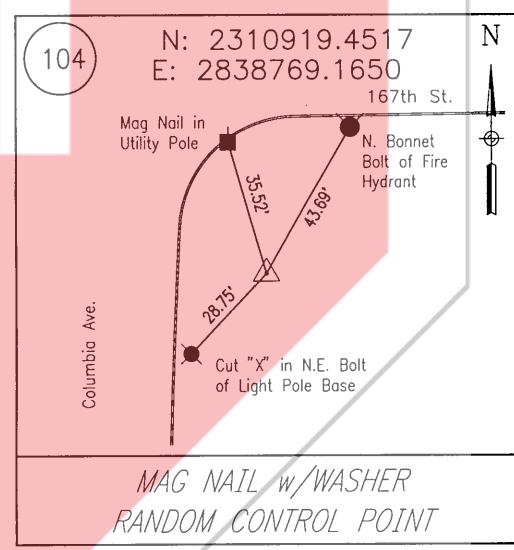
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JUN 22 2012
PEGGY HOLINGA KATONA
LAKE COUNTY AUDITOR



ALIGNMENT POINT REFERENCES



CONTROL POINT REFERENCES



2012-041567

SURVEYOR STATEMENT

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PREPARED BY: **BLN** Beam, Longest and Neff, LLC
Consulting Engineers, Land Surveyors, Land Planners & Landscape Architects

8126 Castleton Road, Indianapolis, IN 46250 Phone: 317.849.5832
www.B-L-N.com Fax: 317.841.4281

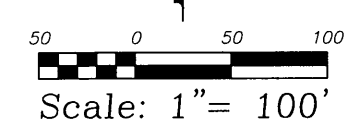
LAKE CO. - 167TH ST. & COLUMBIA AVE. PEDESTRIAN BRIDGE

LOCATION CONTROL ROUTE SURVEY

PREPARED BY: *Dewey L. Witte* 04/20/2012
REGISTERED LAND SURVEYOR DATE

SURVEY STARTED	PROJECT NO.	DES. NO.
MARCH 8, 2012		
SURVEY COMPLETED	SHEET	TOTAL
APRIL 20, 2012	2	4
YEAR		
2012		

DEWEY L. WITTE
REGISTERED
No. LS2980022
STATE OF INDIANA
LAND SURVEYOR



3:4

STATE OF INDIANA
LAKE COUNTY
FILED FOR RECORD
2012 JUN 22 PM 3:34
MICHELE R. FAJMAN
RECORDER

00097

2012 041567

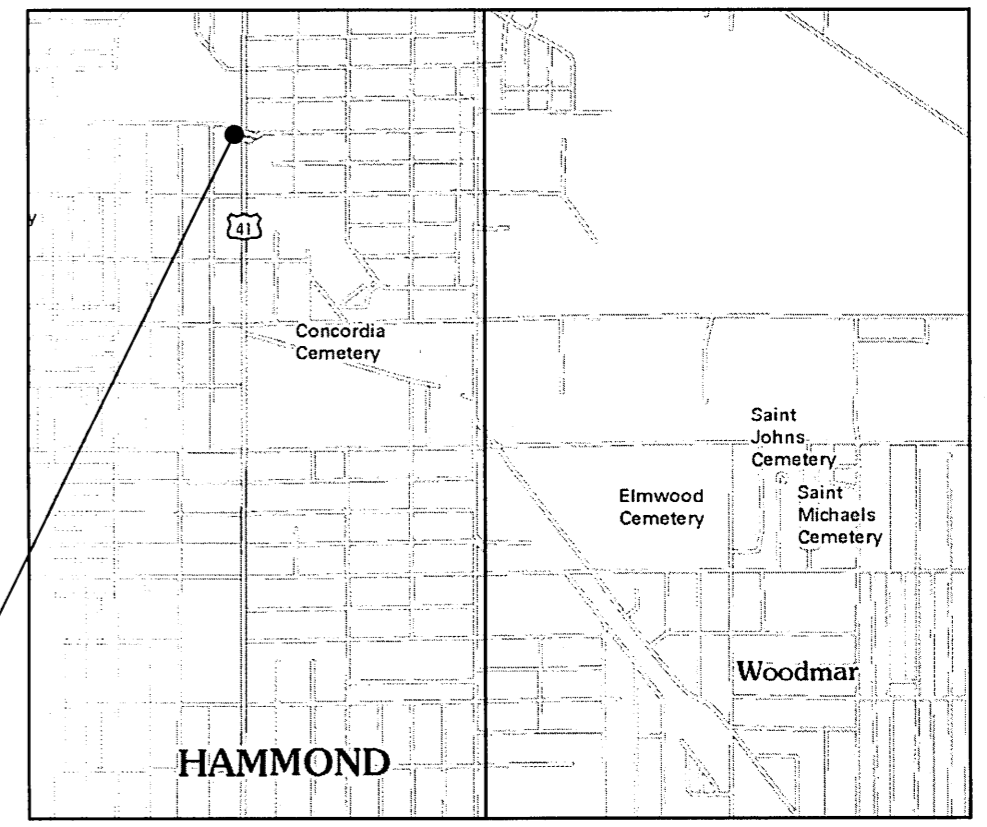
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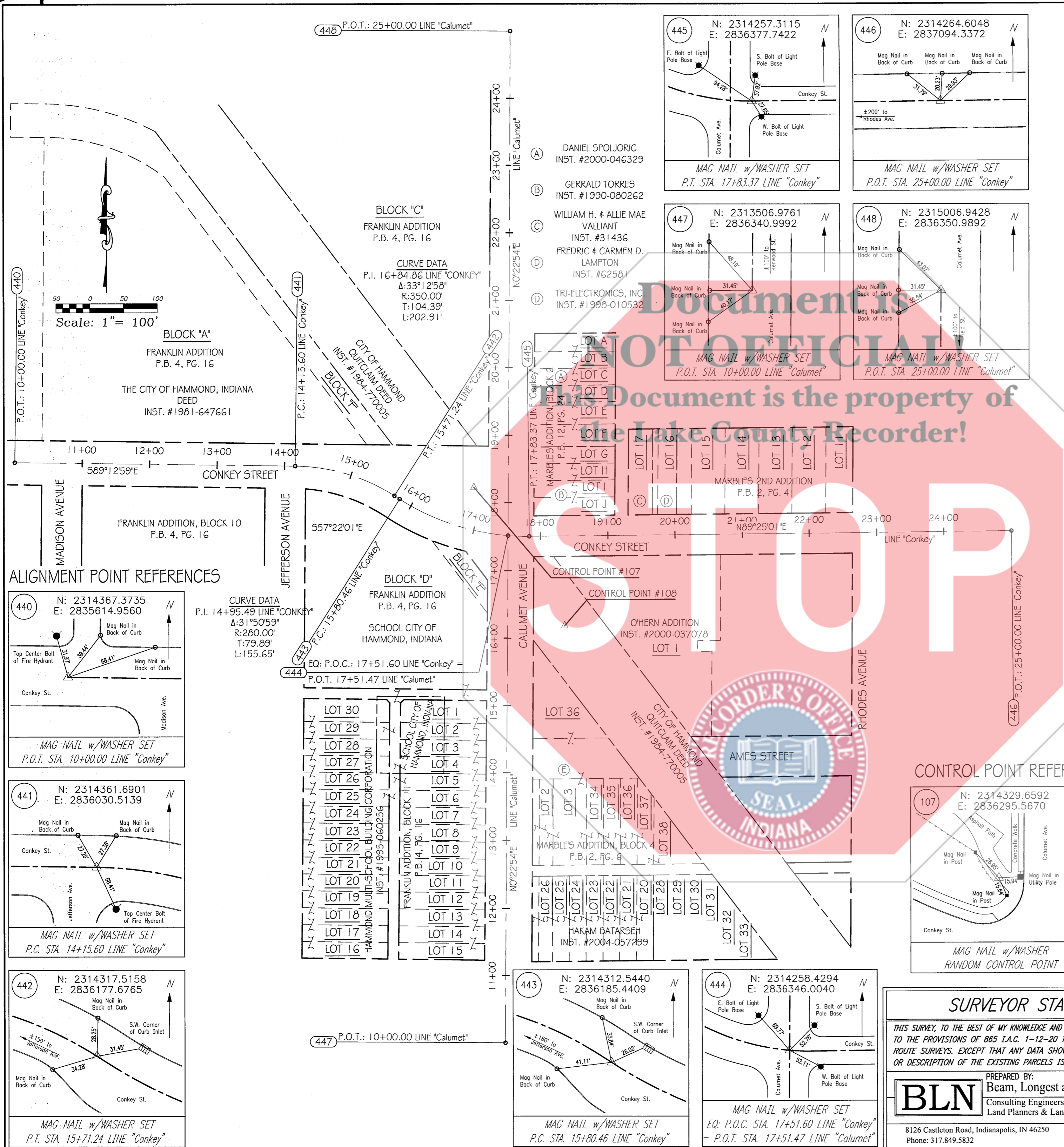
JUN 22 2012

PEGGY HOLINGA KATONA
LAKE COUNTY AUDITOR

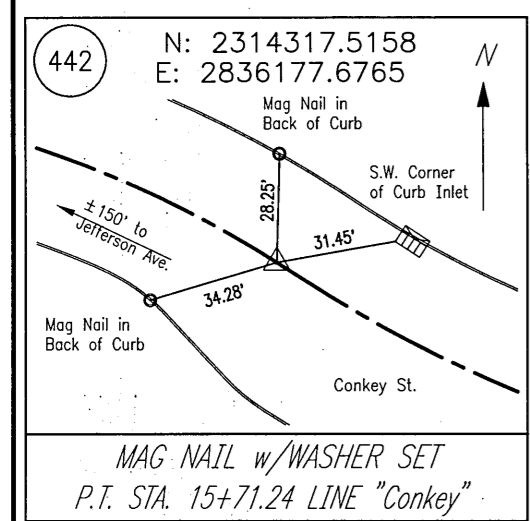
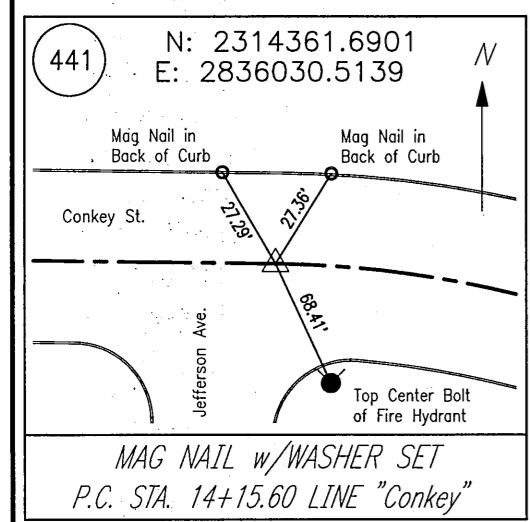
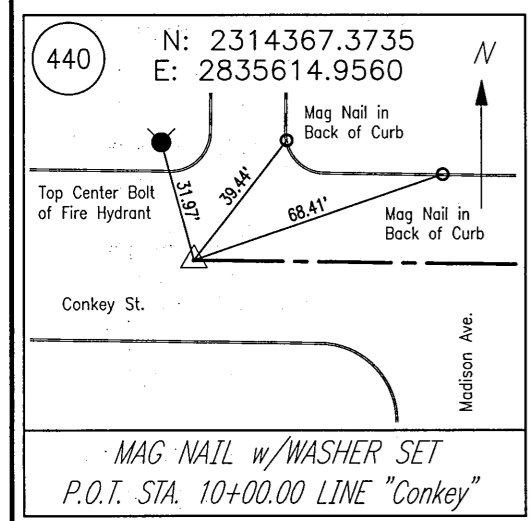
VICINITY MAP
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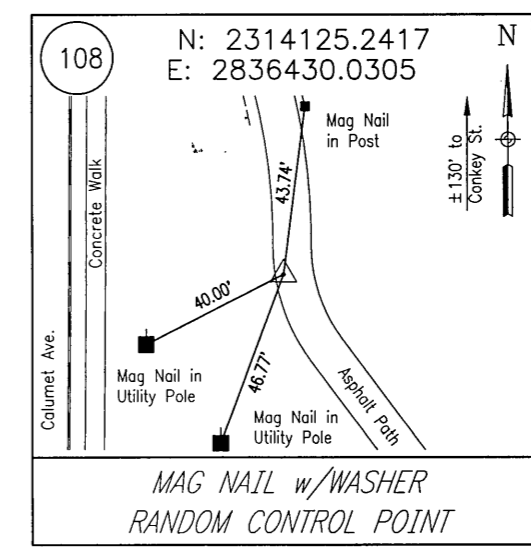
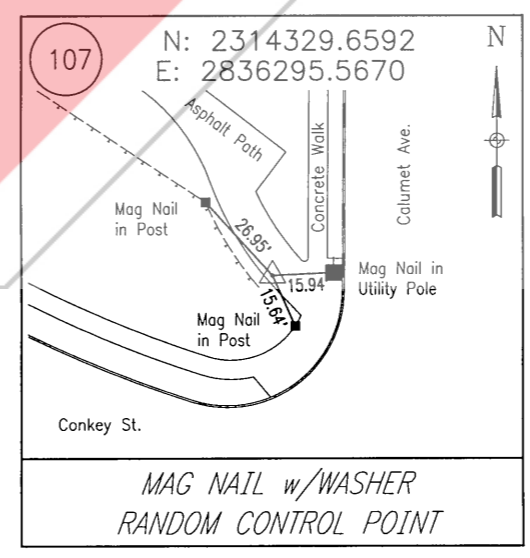
2012-041567



ALIGNMENT POINT REFERENCES



CONTROL POINT REFERENCES



SURVEYOR STATEMENT

LAKE CO. - CALUMET AVE. & CONKEY ST. PEDESTRIAN BRIDGE

LOCATION CONTROL ROUTE SURVEY

PREPARED BY: Dewey L. Witte 04/20/2012
REGISTERED LAND SURVEYOR DATE

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 THROUGH 1-12-25 REGARDING ROUTE SURVEYS. EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.

PREPARED BY: **BLN** Beam, Longest and Neff, LLC
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8126 Castleton Road, Indianapolis, IN 46250 www.B-L-N.com
Phone: 317.849.5832 Fax: 317.841.4281

SURVEY STARTED	PROJECT NO.	DES. NO.	
MARCH 8, 2012			
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APRIL 20, 2012	3	4	2012

DEWEY L. WITTE
REGISTERED
No. LS29800022
STATE OF INDIANA
LAND SURVEYOR

4:4

SURVEYOR'S REPORT

STATE OF INDIANA
LAKE COUNTY
FILED FOR RECORD

SECTION CORNER MONUMENT DETAIL

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2012 041567

2012 JUN 22 PM 3:34

MICHAEL PAJMAN
RECORDER

23/72

PURPOSE:

The purpose of this survey was to prepare a Location Control Route Survey Plat for the establishment of the centerline of three (3) intersections for pedestrian bridges for the existing trail at the following locations: 165th St and Howard St; 167th St and Columbia Ave; and Conkey St and Calumet Ave. All of these intersections are located in North Township, Lake County, Indiana.

SCOPE:

The Route Survey shows the alignments established for the streets involved for each intersection. The location of each intersection is as follows: 165th St and Howard St being partially located in the Southwest Quarter of Section 6, Township 36 North, Range 9 West and partially located in the Northwest Quarter of Section 7, Township 36 North, Range 9 West; 167th St and Columbia Ave being partially located in the Northwest Quarter of Section 7, Township 36 North, Range 9 West and partially located in the Northeast Quarter of Section 7, Township 36 North, Range 9 West; Conkey St and Calumet Ave being partially located in the Southwest Quarter of Section 6, Township 36 North, Range 9 West and partially located in the Southeast Quarter of Section 1, Township 36 North, Range 10 West.

FIELD MEASUREMENTS:

Field measurements for this survey were made in accordance with specifications outlined in 865 I.A.C. 1-12-22. The decimal places shown here on for measurements and coordinates do not necessarily indicate the precision of the work, but to allow for closure and adjustment by others if desired.

BASIS OF BEARINGS:

Bearings for this survey are based on State Plane coordinates with the coordinates being established from an Opus solution for control point number 99. The scale factor from the Opus solution is 1.00004187 to ground the coordinates in the State Plane coordinate system.

ALIGNMENTS:

Line "165th" was established from using the alignment data of Line "A" of INDOT Project STP-N933(005) and existing pavement locations on 165th St.

Line "167th" was established from using the alignment data of Line "E" of INDOT Project STP-N965(1) and existing pavement locations on 167th St.

Line "Columbia" was established from using the alignment data of Line "F" of INDOT Project STP-N965(1) and existing pavement locations on Columbia Ave.

Line "Southeastern" was established from using the alignment data of Line "A" of INDOT Project STP-N965(1) and existing pavement locations on Southeastern Ave.

Line "Conkey" was established from existing edge of pavement locations east and west of Calumet Ave and from existing plats of record.

Line "Calumet" was established from existing edge of pavement locations north and south of Conkey St. and from existing plats of record.

In accordance with Title 865, Article 1.1, Chapter 12, Sections 20 through 25 of the Indiana Administrative Code, the following observations and opinions are submitted regarding the cause and amount of uncertainties in the lines and corners found or established by this survey because of any of the following:

AVAILABILITY AND CONDITION OF REFERNECE MONUMENTS:

Many of the monuments set marking the corners during the United States Public Lands Surveys conducted in Indiana have been lost or obliterated and have not been perpetuated, or replaced, over the time since said surveys were performed. Therefore, great care was taken to re-establish said corners using as much information and evidence as possible to restore each monument to its original location as accurately as can be determined. Any uncertainty with these re-established monuments will be shown here on. Any found monuments with their location being used to establish the controlling lines for this survey will be explained in reference to their origin (if able to be determined), size, type, character and relationship to the surface of the ground, roadway, etc. The origin of said monuments include, but are not limited to, federal and state highway plans, public lands survey notes, local surveys both recorded and unrecorded, local landowner testimony, natural and manmade topographical features and information obtained from local county offices such as deeds, plats, etc...

All set "REBAR" are 24" #5 rebar with orange plastic cap stamped "B-L-N - RANDOM POINT". All alignment points were set with mag nail with washer.

RECORD DOCUMENTATION USED:

The following recorded plats were used in re-establishing lot lines for this survey:

- Astra's Addition, Plat Book 83, Page 85;
- Ridge Road Addition; Plat Book 14, Page 32;
- John Sloan Addition, Plat Book 94, Page 52;
- Krapac's Addition, Plat Book 13, Page 27;
- Marble's Addition, Block 4, Plat Book 2, Pages 5-6;
- O'Hern Addition, Instrument #2000-037078;
- Marble's 2nd Addition, Block 2, Plat Book 2, Page 4;
- Block 2, Marble's Addition, Plat Book 12, Page 24
- Franklin Addition, Plat Book 4, Page 16

Also, recorded deeds of record were also used to help with the establishment of the property lines for this survey. These recorded deeds of record and the recorded plats are shown on this survey.

Section 6, Township 36 North, Range 9 West:

Point #203 - The southwest corner of Section 6, Township 36 North, Range 9 West - A brass disk in concrete was found at grade per Lake County Reference Tie Sheet Number B-16. The theoretical uncertainty associated with this corner, per Lake County Reference Tie Sheet B-16 is 0.2 feet north to south and 1.5 feet east to west.

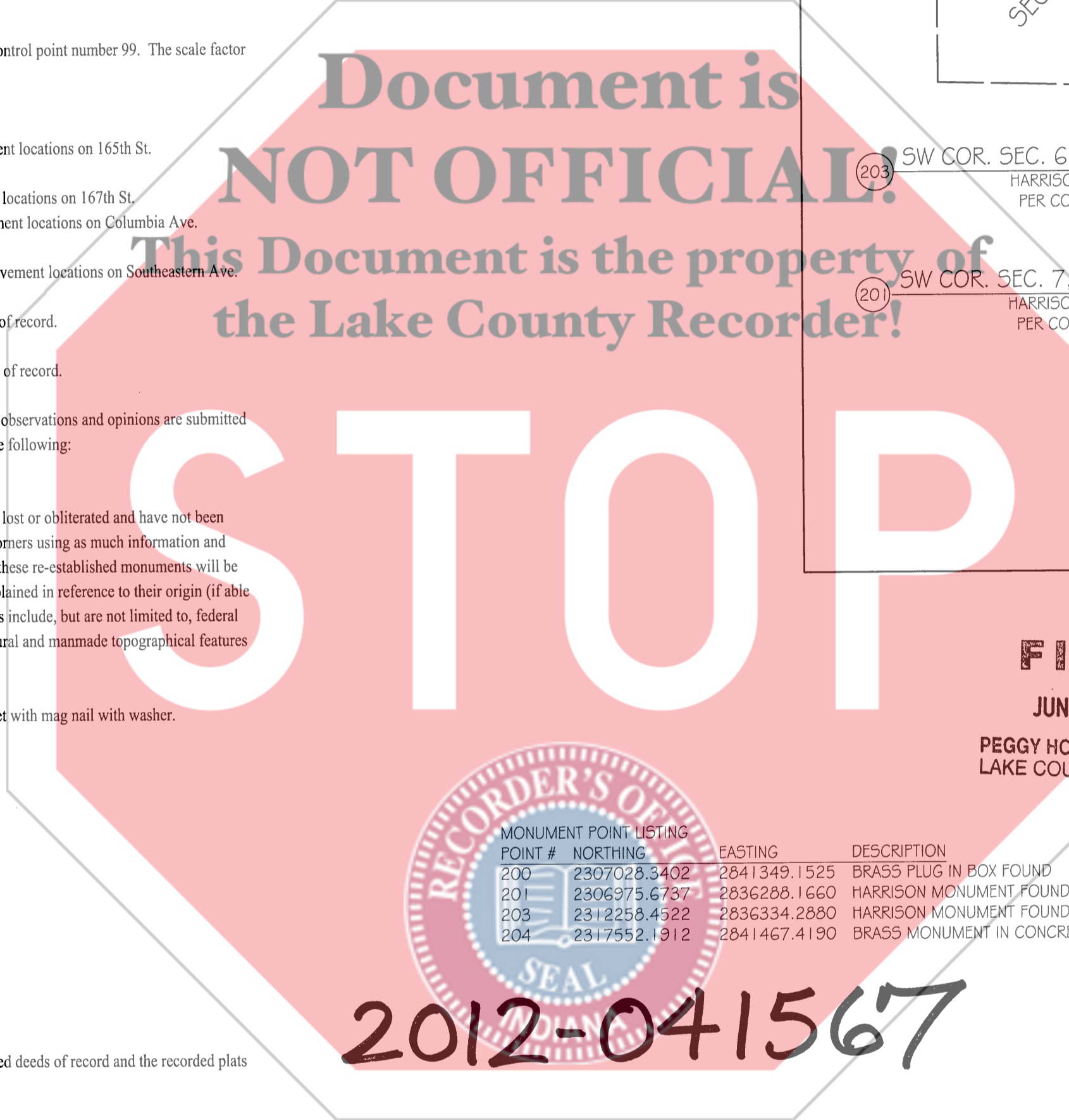
Calculated point - The northeast corner of Section 6, Township 36 North, Range 9 West - This corner was re-established per Lake County Reference Tie Sheet Number C-15. Point #204 is a brass disk found 1.8 feet above grade 10.5 east of the iron pipe found. The brass disk is the southeast corner of Section 31, Township 37 North, Range 9 West. This corner was verified from references per Lake County Reference Tie Sheet Number C-15. There is considered to be no positional uncertainty associated with this corner.

Section 7, Township 36 North, Range 9 West:

Point #200 - The southeast corner of Section 7, Township 36 North, Range 9 West - A one inch diameter brass disc was found 0.4 feet below grade per Lake County Reference Tie Sheet Number C-17. There is considered to be no positional uncertainty associated with this corner.

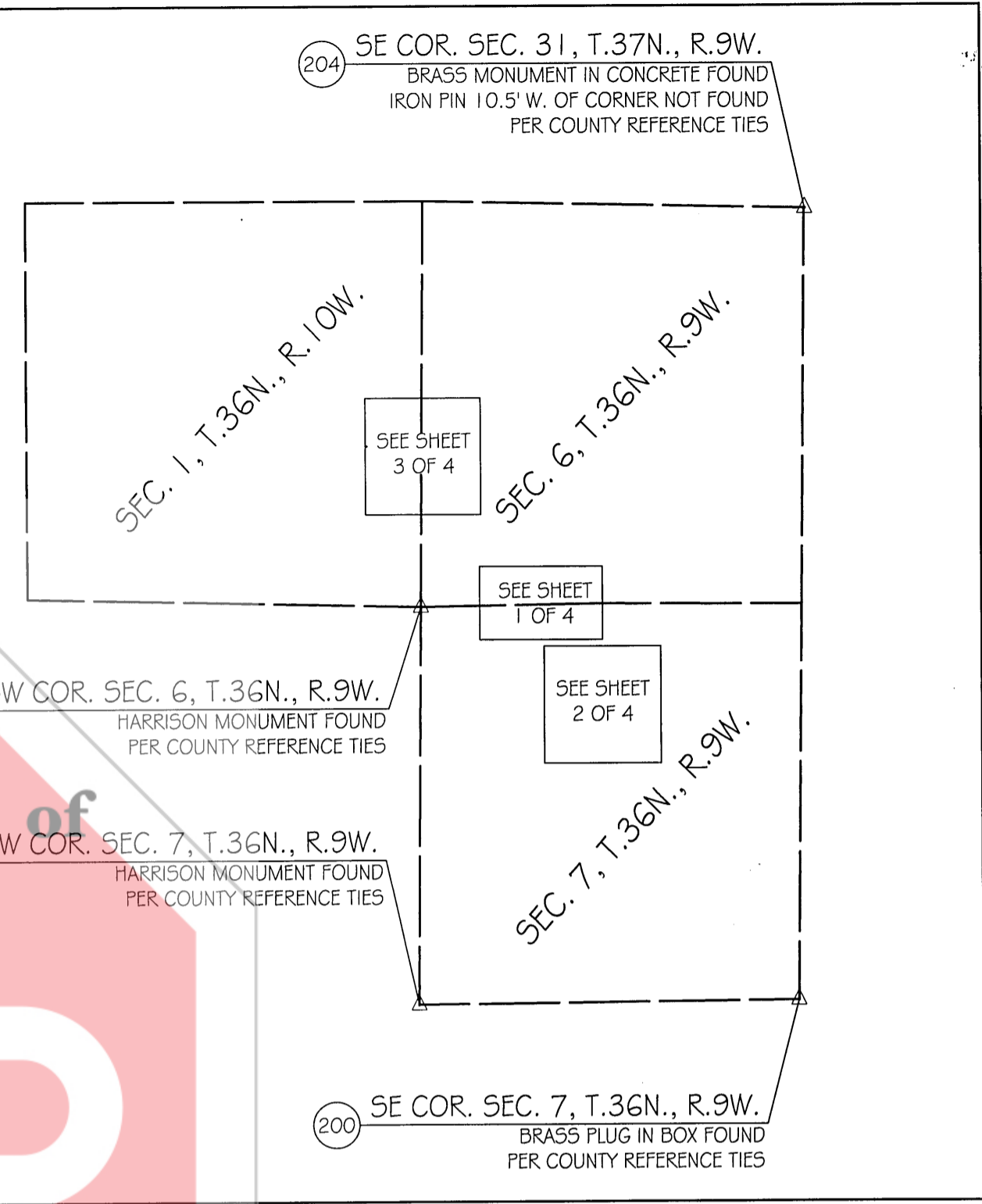
Point #201 - The southwest corner of Section 7, Township 36 North, Range 9 West - A brass disk was found at grade per Lake County Reference Tie Sheet Number B-17. There is considered to be no positional uncertainty associated with this corner.

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MONUMENT POINT LISTING	POINT #	NORTHING	EASTING	DESCRIPTION
	200	2307028.3402	2841349.1525	BRASS PLUG IN BOX FOUND
	201	2306975.6737	2836288.1660	HARRISON MONUMENT FOUND
	203	2312258.4522	2836334.2880	HARRISON MONUMENT FOUND
	204	2317552.1312	2841467.4190	BRASS MONUMENT IN CONCRETE FOUND

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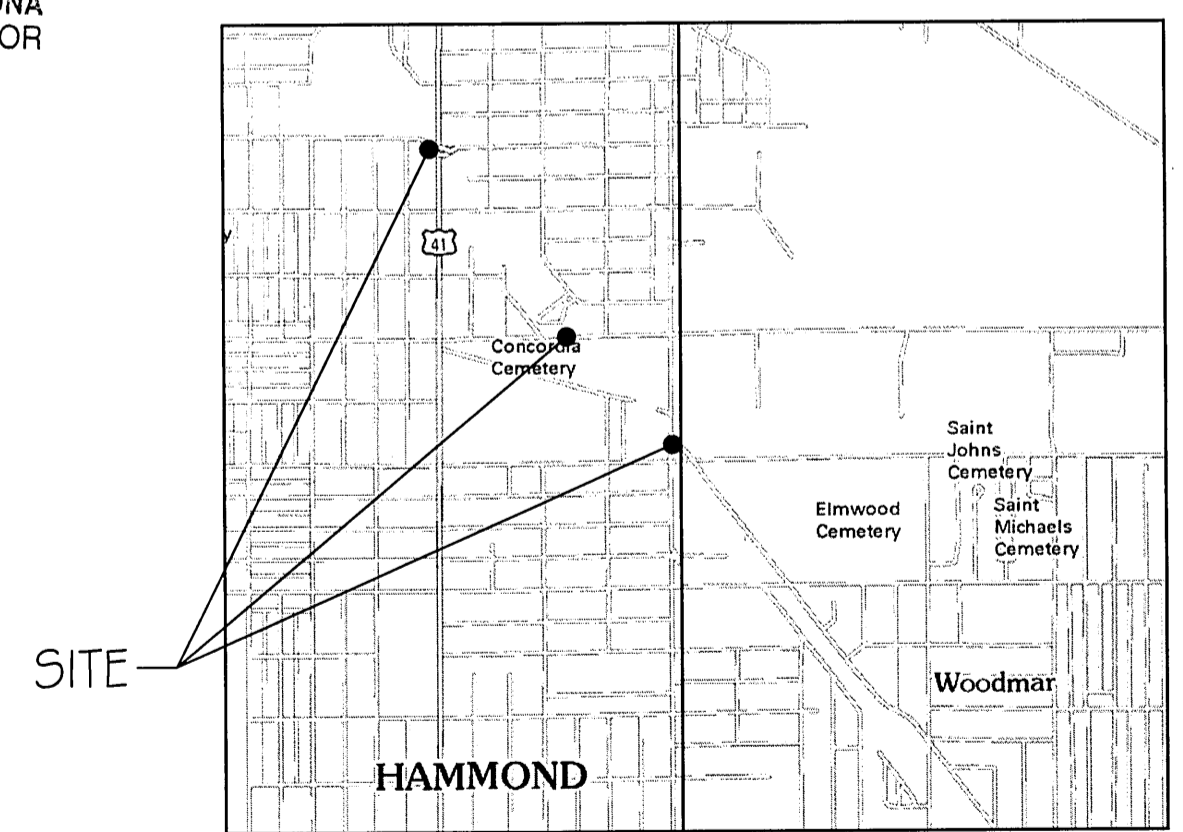
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PEGGY HOLINGA KATONA
LAKE COUNTY AUDITOR

VICINITY MAP

NOT TO SCALE



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Consulting Engineers, Land Surveyors, Land Planners & Landscape Architects		REGISTERED LAND SURVEYOR	DATE
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			2012

