

1:3

3195 30⁰⁰ CS RM

000056

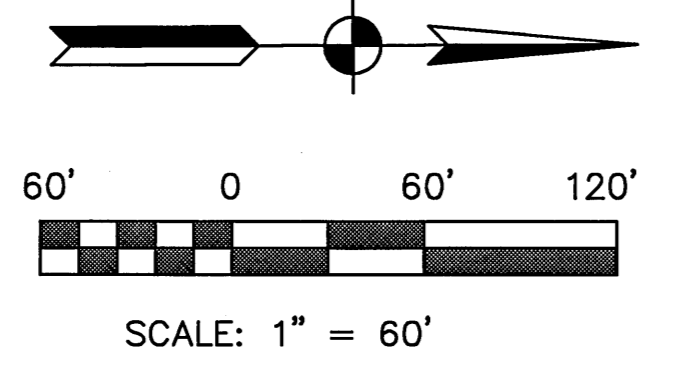
19/99

15+00

20+00

25+00

30+00



2009 025093

STATE OF INDIANA
LAKE COUNTY
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MICHAEL A. BROWN
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CURVE DATA
P.I. 29+91.94 "B"
Δ = 2°56'40" L.T.
R = 3,600.00'
T = 92.52'
L = 185.00'
E = 1.19'

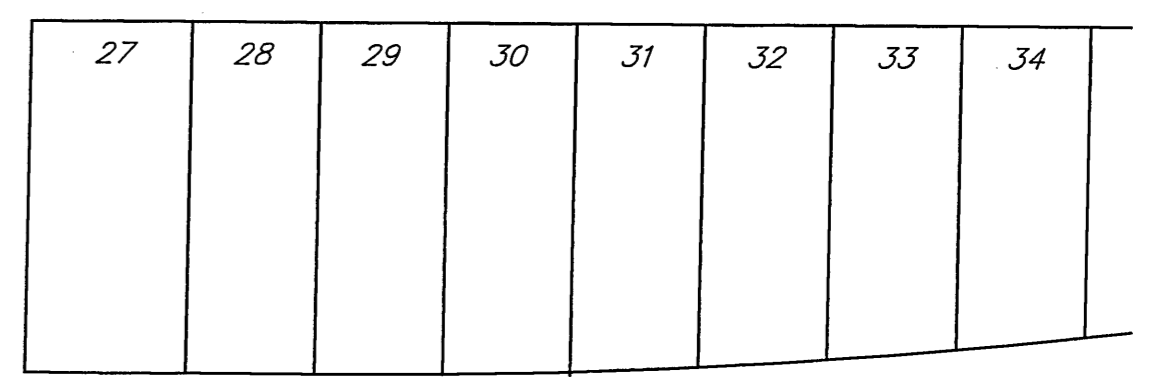
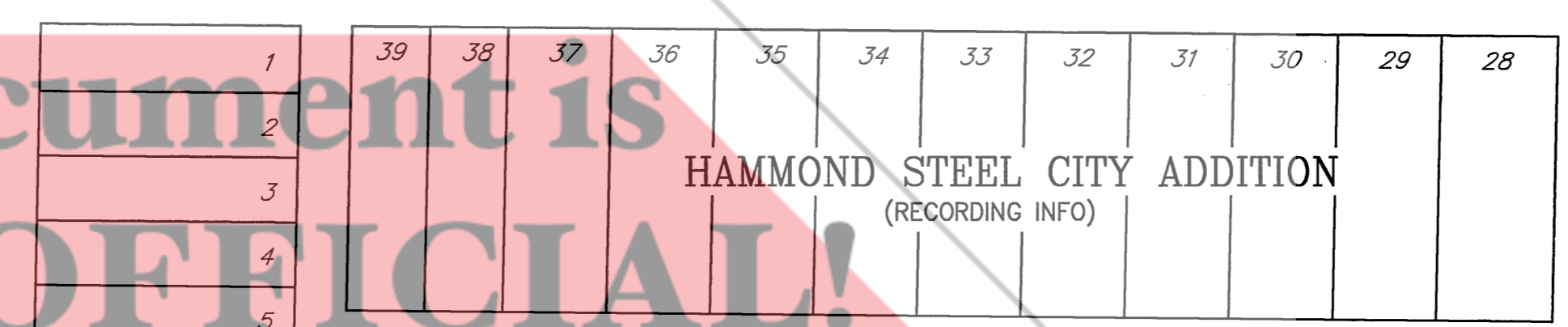
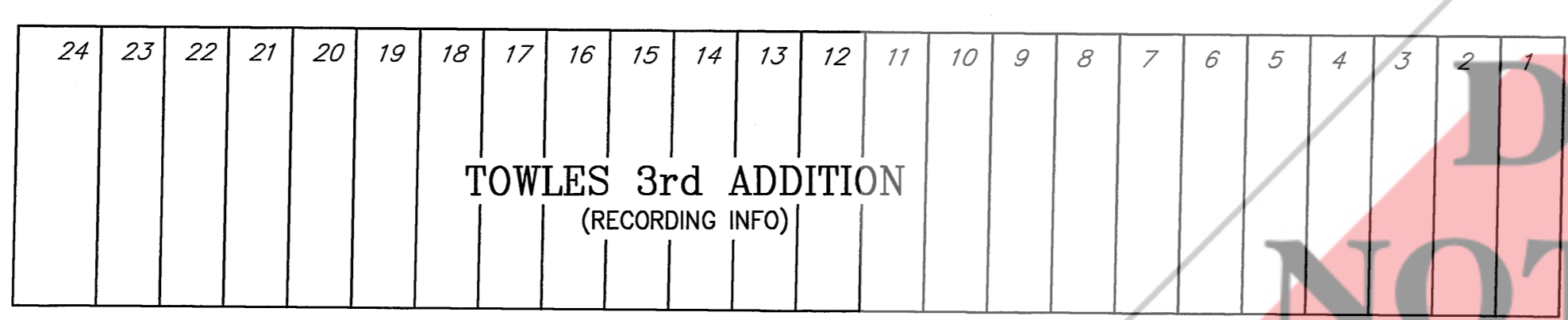
CURVE DATA
P.I. 33+11.21 "B"
Δ = 1°10'29" L.T.
R = 2,350.00'
T = 226.79'
L = 452.18'
E = 10.92'

2009-025093

SEC. 25, T37N, R10W
NORTH TWP.
LAKE CO.

SEC. 24, T37N, R10W
NORTH TWP.
LAKE CO.

TORRENCE BLVD.



P.I. 14+92.75 "B"
Δ = 89°29'42" RT.
N 2327517.3025
E 2836057.7208

P.I. 21+80.51 "B"
Δ = 90°41'03" RT.
N 2328204.9356
E 2836063.2647

P.C.C. 30+84.42 "B"
N 2329103.2005
E 2836073.3568

LINE "B" N 02°43' E S. BALTIMORE AVENUE
LINE "B" S 88°51'14" E

P.I. 21+86.07 "B"
Δ = 90°33'14" LT.
N 2328204.9356
E 2836068.8244

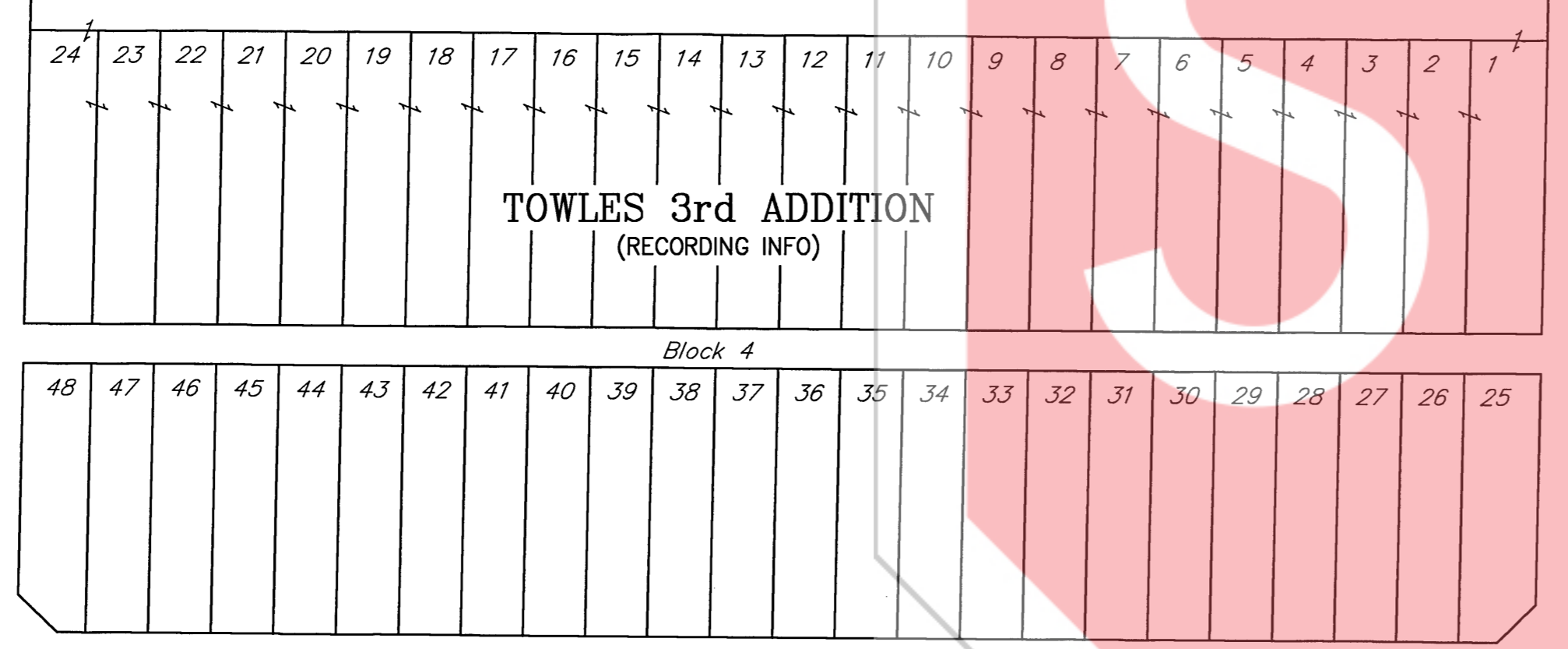
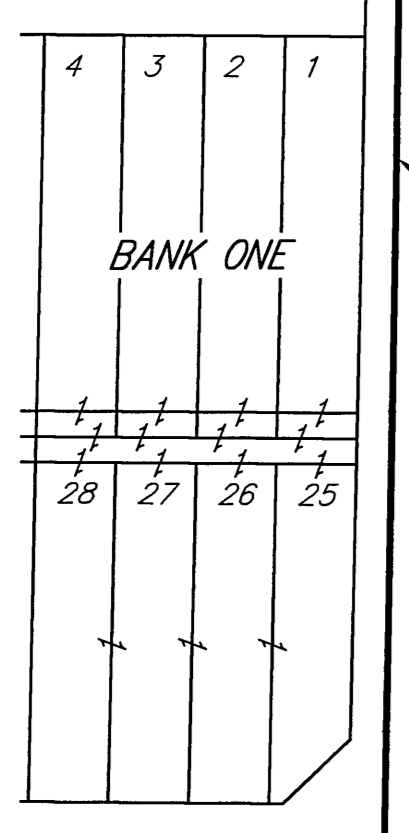
P.C. 28+99.42 "B"
N 2328918.2427
E 2836076.1977

P.I. 29+91.94 "B"
N 2329010.7581
E 2836077.1540

OLYMPIA LANES BOWLING ALLEY

HAMMOND MOHAWK ATHLETIC CLUB, INC.

FIRST JPG DEVELOPMENT LLC



N 0°02'55" W
LINE "B"

P.I. 10+41.24 "B"
Δ = 88°50'04" LT.
N 2327509.6834
E 2836509.1637

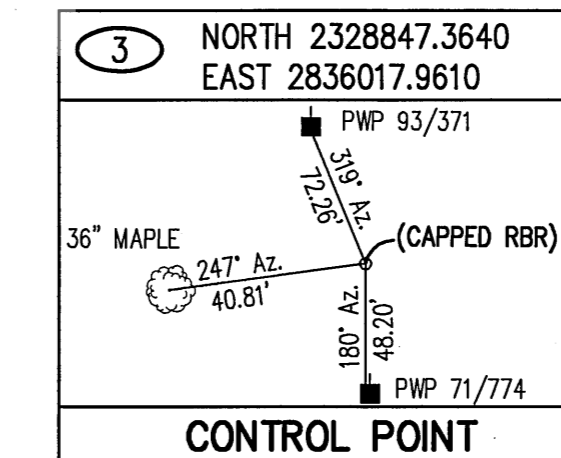
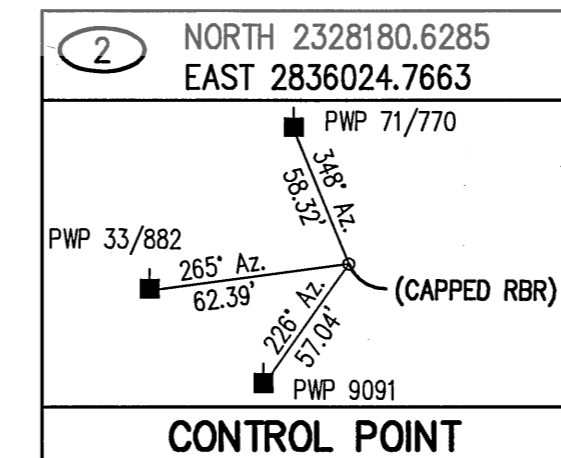
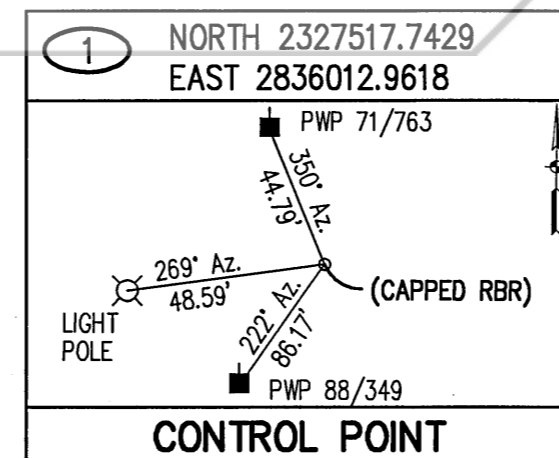
P.O.T. 9+91.90 "B"
N 2327460.3434
E 2836509.2055

P.O.T. 9+75.00 "B"
N 2327443.4434
E 2836509.2198

CALUMET AVENUE

25 24
30 19

19 PAGE 99

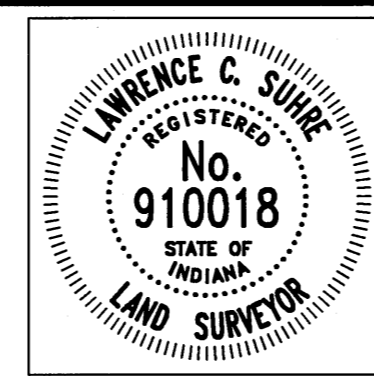


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APR 20 2009
PEGGY HOLINGA KATONA
LAKE COUNTY AUDITOR

SURVEY STARTED	4-2-04
SURVEY COMPLETED	8-9-04
ROUTE PLAT SHEETS	1 of 3

"I AFFIRM, UNDER THE PENALTIES FOR PERJURY, THAT I HAVE TAKEN REASONABLE CARE TO REDACT EACH SOCIAL SECURITY NUMBER IN THIS DOCUMENT, UNLESS REQUIRED BY LAW."
PREPARED BY: H.K.

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



RECOMMENDED FOR APPROVAL
Lawrence C. Barber 4/7/09
REGISTERED LAND SURVEYOR DATE
DESIGNED: K.D.S. DRAWN: P.M.
CHECKED: L.C.S. CHECKED: L.C.S.

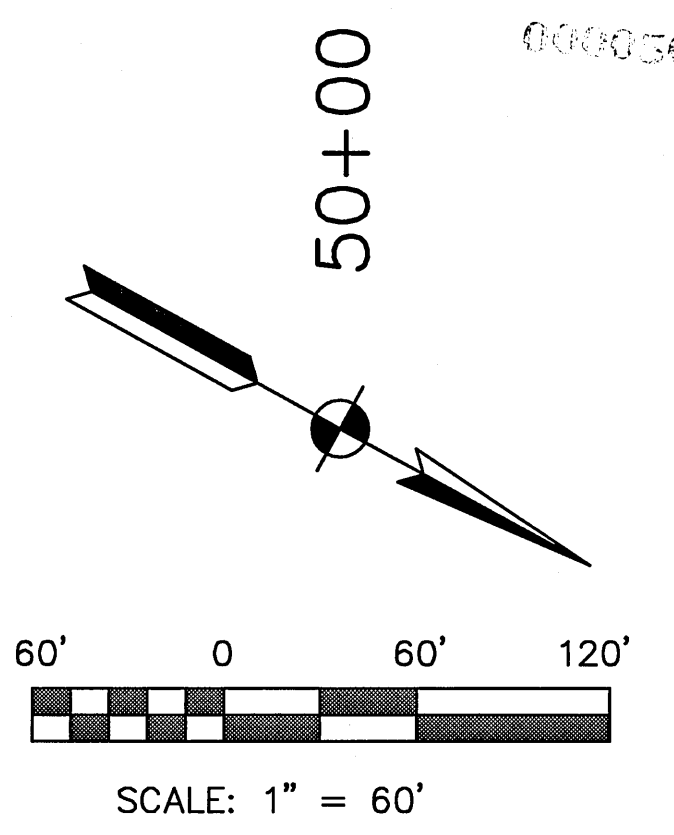
CITY OF HAMMOND
BOARD OF PUBLIC WORKS & SAFETY
LOCATION CONTROL ROUTE SURVEY

HORIZONTAL SCALE	BRIDGE FILE
1" = 60'	
VERTICAL SCALE	DESIGNATION
	0400640
SURVEY BOOK	SHEETS
	of
CONTRACT	PROJECT
	STP-9945()

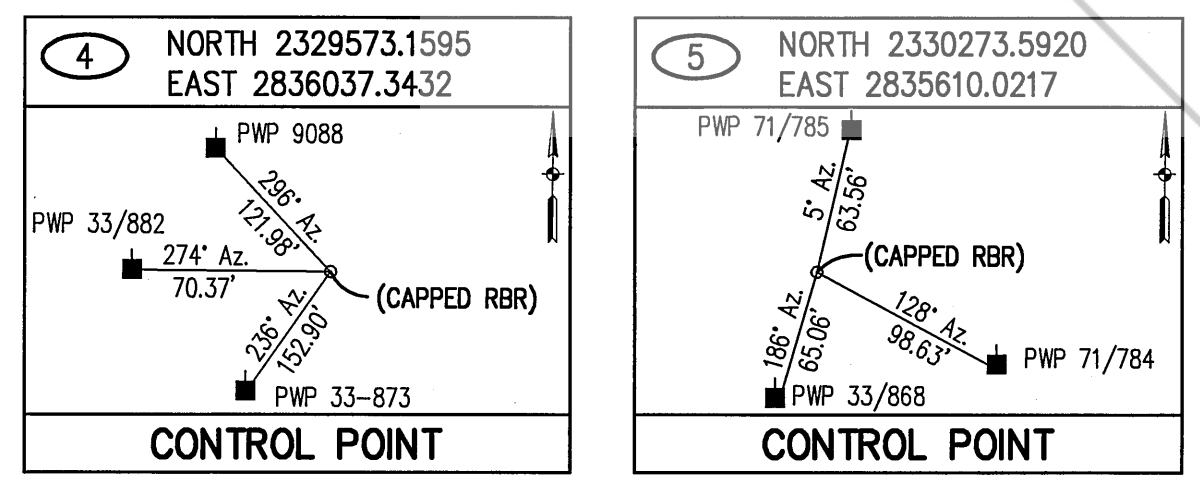
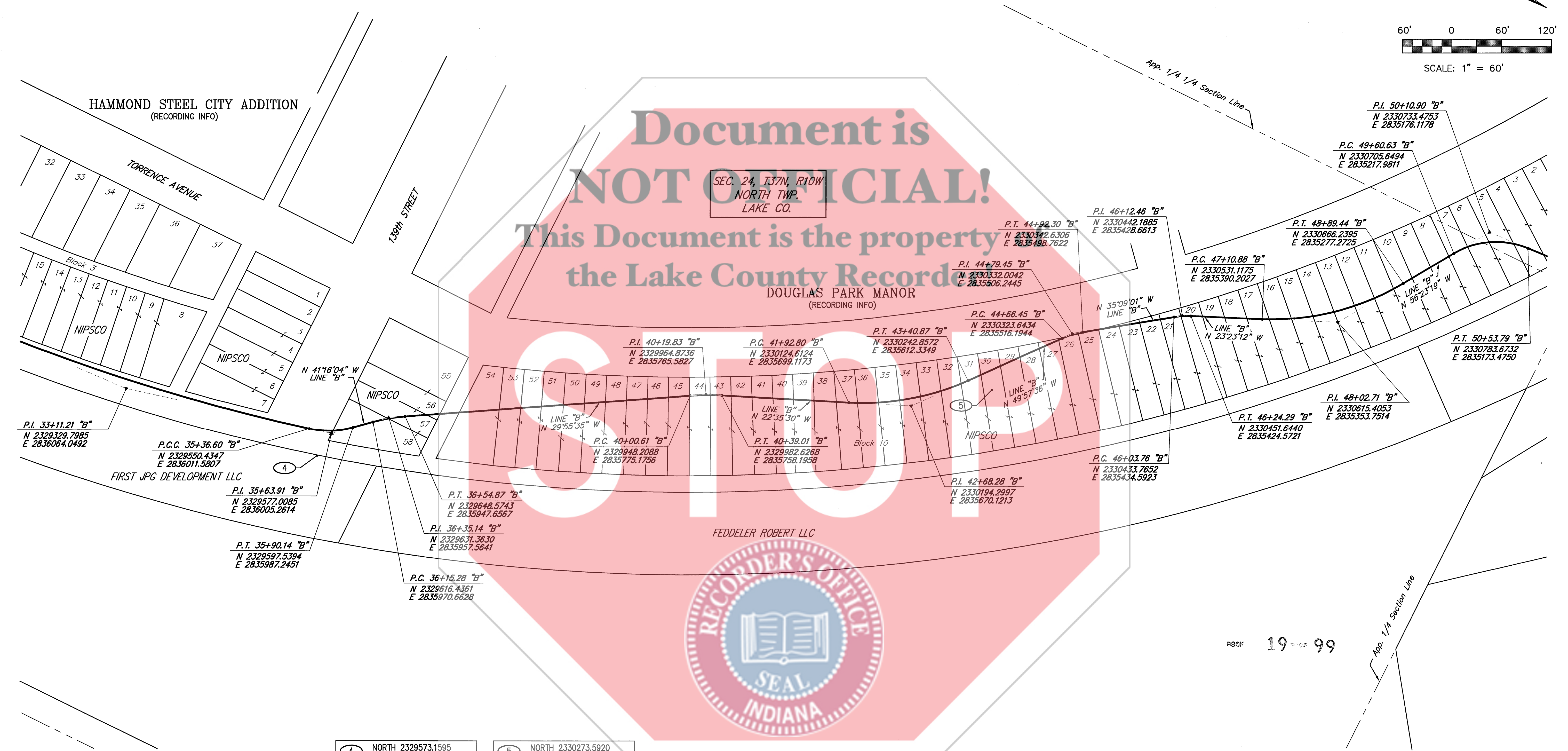
2:3
19/99

CURVE DATA P.I. 33+11.21 "B" Δ = 11°01'29" LT. R = 2,350.00' T = 226.79' L = 452.18' E = 10.92'	CURVE DATA P.I. 35+63.91 "B" Δ = 27°53'27" LT. R = 110.00' T = 27.31' L = 53.55' E = 3.34'	CURVE DATA P.I. 36+35.14 "B" Δ = 11°29'20" RT. R = 200.00' T = 19.86' L = 39.59' E = 0.98'	CURVE DATA P.I. 40+19.83 "B" Δ = 7°20'05" RT. R = 300.00' T = 19.23' L = 38.40' E = 0.62'	CURVE DATA P.I. 42+68.28 "B" Δ = 27°22'06" RT. R = 310.00' T = 75.48' L = 148.08' E = 9.06'	CURVE DATA P.I. 44+79.45 "B" Δ = 14°48'35" RT. R = 100.00' T = 13.00' L = 25.85' E = 0.84'	CURVE DATA P.I. 46+12.46 "B" Δ = 11°45'49" RT. R = 100.00' T = 10.30' L = 20.53' E = 0.53'	CURVE DATA P.I. 48+02.71 "B" Δ = 33°00'07" LT. R = 3100.00' T = 91.83' L = 178.56' E = 13.32'	CURVE DATA P.I. 50+10.90 "B" Δ = 53°22'30" RT. R = 100.00' T = 50.27' L = 93.16' E = 11.92'
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2009-025093



STATE OF INDIANA
LAKE COUNTY
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2009 025093



POOF: 19 99

FILED
APR 20 2009
PEGGY HOLINGA KATONA
LAKE COUNTY AUDITOR

<table border="1"> <tr><td>SURVEY STARTED</td><td>4-2-04</td></tr> <tr><td>SURVEY COMPLETED</td><td>8-9-04</td></tr> <tr><td>ROUTE PLAT SHEETS</td><td>2 of 3</td></tr> </table>	SURVEY STARTED	4-2-04	SURVEY COMPLETED	8-9-04	ROUTE PLAT SHEETS	2 of 3	FIELD SURVEYOR STATEMENT THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 IAC 1-12-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.		RECOMMENDED FOR APPROVAL <i>Lawrence C. Sisk</i> 4/30/09 REGISTERED LAND SURVEYOR DATE DESIGNED: K.D.S. DRAWN: P.M. CHECKED: L.C.S. CHECKED: L.C.S.	CITY OF HAMMOND BOARD OF PUBLIC WORKS & SAFETY LOCATION CONTROL ROUTE SURVEY	<table border="1"> <tr><td>HORIZONTAL SCALE</td><td>BRIDGE FILE</td></tr> <tr><td>1" = 60'</td><td></td></tr> <tr><td>VERTICAL SCALE</td><td>DESIGNATION</td></tr> <tr><td></td><td>0400640</td></tr> <tr><td>SURVEY BOOK</td><td>SHEETS</td></tr> <tr><td></td><td>of</td></tr> <tr><td>CONTRACT</td><td>PROJECT</td></tr> <tr><td></td><td>STP-9945()</td></tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1" = 60'		VERTICAL SCALE	DESIGNATION		0400640	SURVEY BOOK	SHEETS		of	CONTRACT	PROJECT		STP-9945()
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	of																										
CONTRACT	PROJECT																										
	STP-9945()																										

19/99 3:3

CURVE DATA
 P.I. 53+37.48 "B"
 $\Delta = 53^\circ 15' 21''$ LT.
 R = 110.00'
 T = 55.15'
 L = 102.24'
 E = 13.05'

CURVE DATA
 P.I. 55+32.14 "B"
 $\Delta = 117^\circ 4' 59''$ RT.
 R = 300.00'
 T = 29.55'
 L = 58.90'
 E = 1.45'

55+00

CURVE DATA
 P.I. 57+88.59 "B"
 $\Delta = 33^\circ 58' 31''$ RT.
 R = 100.00'
 T = 30.55'
 L = 53.96'
 E = 4.56'

CURVE DATA
 P.I. 58+86.26 "B"
 $\Delta = 28^\circ 06' 26''$ LT.
 R = 110.00'
 T = 27.54'
 L = 53.96'
 E = 3.39'

60+00

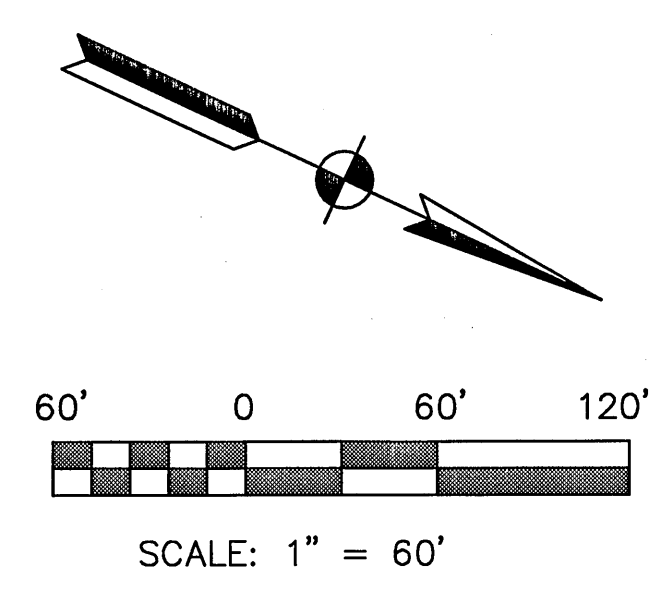
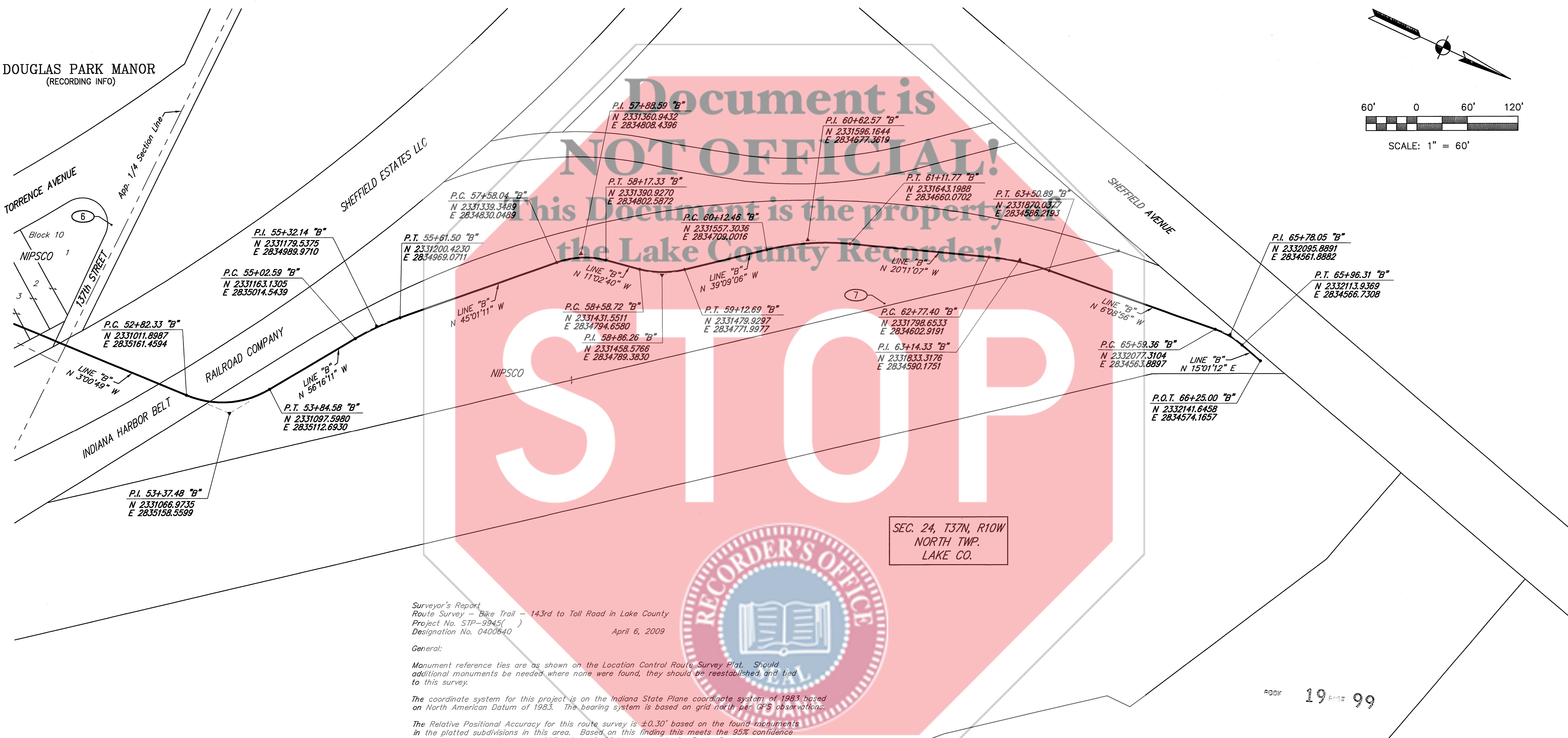
CURVE DATA
 P.I. 60+62.57 "B"
 $\Delta = 18^\circ 57' 59''$ RT.
 R = 300.00'
 T = 50.11'
 L = 99.31'
 E = 4.16'

CURVE DATA
 P.I. 63+14.33 "B"
 $\Delta = 14^\circ 02' 12''$ RT.
 R = 300.00'
 T = 36.93'
 L = 73.50'
 E = 2.26'

65+00

CURVE DATA
 P.I. 65+78.05 "B"
 $\Delta = 21^\circ 10' 07''$ RT.
 R = 100.00'
 T = 18.69'
 L = 36.95'
 E = 1.73'

2009-025093



STATE OF INDIANA
 LAKE COUNTY
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2009 025093

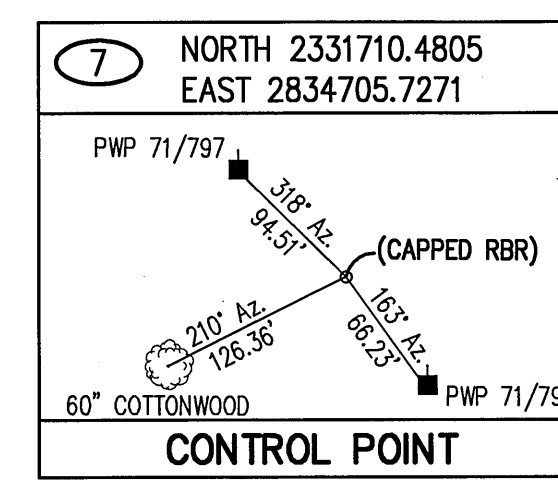
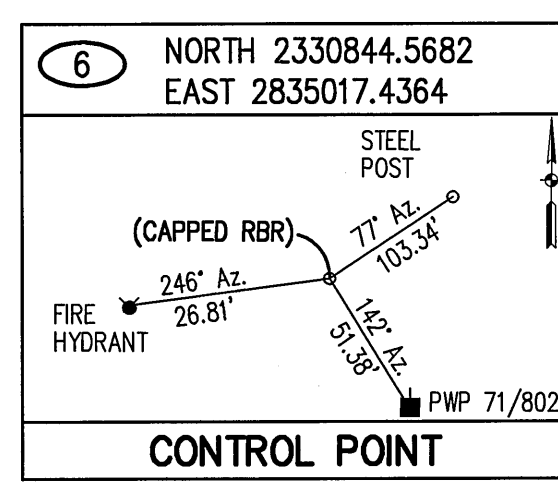
Surveyor's Report
 Route Survey - Bike Trail - 143rd to Toll Road in Lake County
 Project No. STP-9945()
 Designation No. 0400640
 April 6, 2009

General:
 Monument reference ties are as shown on the Location Control Route Survey Plat. Should additional monuments be needed where none were found, they should be reestablished and tied to this survey.

The coordinate system for this project is on the Indiana State Plane coordinate system of 1983 based on North American Datum of 1983. The bearing system is based on grid north per GPS observations.

The Relative Positional Accuracy for this route survey is $\pm 0.30'$ based on the found monuments in the platted subdivisions in this area. Based on this finding this meets the 95% confidence level and is in accordance with 865 IAC 1-12-20 Measurements for Route Surveys.

The alignment for this project was established by defining a desirable route for the bike trail and adjusting it according to the terrain.



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

FILED
 APR 20 2009
 PEGGY HOLINGA KATONA
 LAKE COUNTY AUDITOR

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