



Drain: KRAUSE AND KLEPPER Drain #: 48
Improvement/Arm: NORTHPOINT SECTION 2
Operator: J. LIVINGSTON Date: 2-25-04
Drain Classification: Urban/Rural Year Installed: 2001

GIS Drain Input Checklist

- Pull Source Documents for Scanning _____ 
- Digitize & Attribute Tile Drains _____
- Digitize & Attribute Storm Drains _____
- Digitize & Attribute SSD _____
- Digitize & Attribute Open Ditch _____
- Stamp Plans _____
- Sum drain lengths & Validate _____
- Enter Improvements into Posse _____ 
- Enter Drain Age into Posse _____
- Sum drain length for Watershed in Posse _____
- Check Database entries for errors _____

Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: Northpointe Sec. 2 Relocation of Krause & Klepfer

Drain Type:	Size:	Length <i>Final Report</i>	Length (DB Query)	Length Reconcile	Price:	Cost:
RCP	27"	587	587	Ø		

Sum: 587' 587' Ø BOND

Final Report: 587'

Comments:

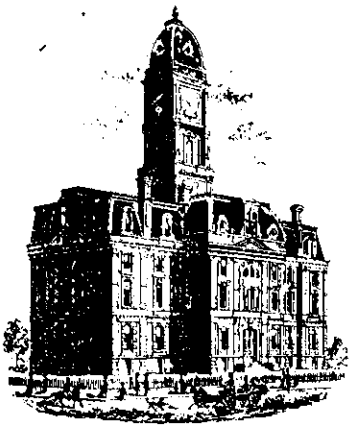
**Gasb 34 Footages for Historical Cost
Drain Length Log**

Drain-Improvement: North Point Sec. 2 - Drain Vacation of Krause & Klepfel
Arm 2 STA 17 - STA 21

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Price:	Cost:
TILE	12"	- 400'	- 400	Ø	*4 ⁰⁰ IF	*1600 ⁰⁰
Sum:		- 400'	- 400'			*1600 ⁰⁰

Final Report: N/A

Comments:



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 188

One Hamilton County Square

Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

January 24, 2001

Re: Krause and Klepfer Drain

Attached is a petition and plans and non-enforcement for the proposed relocation of the Krause and Klepfer Drain. The relocation is being proposed by C. P. Morgan Communities, LP. The proposal is to relocate the Krause and Klepfer Drain between Sta. 17 and Sta. 21 of the original 1900 description. This relocation is to be done through a portion of the proposed Northpoint, Section 2 subdivision. The cost of the relocation is to be paid by C. P. Morgan Communities, LP.

The line will consist of the following:

27" RCP 583 ft

The total length of new tile shall be 583 feet. The 400 feet of original drain between Sta. 17+00 and Sta. 21+00 of Arm 2 shall be vacated. This proposal will add an additional 183 feet to the drains total length.

The petitioner has provided the performance bond as follows:

Name of Bonding Co.: Gulf Insurance Co.
Bond Number: BE0944675
Bond Date: January 3, 2001
Bond Amount: \$23,360.00
Bond Term (1 Year Max): _____

I recommend that upon approval of the above proposed drain that the Board also approve the attached non-enforcement request. This request is for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Northpoint Section 2 as recorded in the office of the Hamilton County Recorder.

The attached plans by Melton-Packard and Associates dated December 1, 2000 show the proposed drain reconstruction between sta. 21+00 and Sta. 32+70 of the original Krause and Klepfer Drain. This reconstruction will not take place at this time. However, at such time the tracts over which the drain between these stations crosses or any tract upstream of this section develops, the developer of that tract must reconstruct the drain under IC 36-9-27-17(d). This is

because this section of drain is not adequate to handle the additional flow of water resulting from any future development and/or connection. In addition, an allowable discharge rate of 0.278 cfs per acre shall be placed on those undeveloped tracts upstream of Sta. 32+70. These requirements shall affect the following tracts:

Jay and Martha Reynolds	13-11-20-00-00-007.000
Douglas Horning and Mary Lynch	13-11-20-00-00-008.000
Patricia and Matthew Guy	13-11-20-00-00-008.001
John and Linda Curran Jr.	13-11-20-00-00-009.000
William and Cathy Stucki	13-11-20-00-00-010.000
Marion and Ruth Adams	13-11-20-00-00-011.000
Sunny Meadows Farms Inc.	13-11-20-00-00-012.000
Norma Jeanne Clark	13-11-20-00-00-014.000
	13-11-20-00-00-014.004
Mark Stephen Jacks	13-11-20-00-00-014.001
Dale and Cherie Bryant	13-11-20-00-00-014.002

I recommend the Board set a hearing for this proposed drain for February 26, 2001.



Kenton C. Ward *KCW*
Hamilton County Surveyor

KCW/kkw

SUBDIVISION BOND

Bond No.: BE0944675

Principal Amount: \$23,360.00

KNOW ALL MEN BY THESE PRESENTS, that we C.P. Morgan Communities, L.P., 301 E. Carmel Dr., Suite E-300, Carmel, IN 46032 as Principal, and Gulf Insurance Company, 2636 Elm Hill Pike, Suite 500, Nashville, TN 37214 a Missouri Corporation, as Surety, are held and firmly bound unto Hamilton County Board of Commissioners, One Hamilton County Square, Suite 146, Noblesville, IN 46060, as Obligee, in the penal sum of Twenty Three Thousand Three Hundred Sixty and 00/100 Dollars (\$23,360.00), lawful money of the United States of America, for the payment of which well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, C.P. Morgan Communities, L.P. has agreed to construct in Northpoint, Section 2 Subdivision, in Hamilton County, IN the following improvements: Storm Sewers & Erosion Control for Legal Drains.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said Principal shall construct, or have constructed, the improvements herein described, and shall save the Obligee harmless from any loss, cost or damage by reason of its failure to complete said work, then this obligation shall be null and void, otherwise to remain in full force and effect, and the Surety, upon receipt of a resolution of the Obligee indicating that the improvements have not been installed or completed, will complete the improvements or pay to the Obligee such amount up to the Principal amount of this bond which will allow the Obligee to complete the improvements.

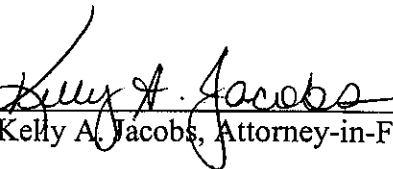
Upon approval by the Obligee, this instrument may be proportionately reduced as the public improvements are completed.

Signed, sealed and dated, this 3rd day of January, 2001

C.P. Morgan Communities, L.P.
Principal

By: 

Gulf Insurance Company
Surety

By: 
Kelly A. Jacobs, Attorney-in-Fact

**BOARD OF COMMISSIONERS
OF THE COUNTY OF HAMILTON**

DATE _____

ATTEST: _____
HAMILTON COUNTY AUDITOR

**GULF INSURANCE COMPANY
ST. LOUIS, MISSOURI
POWER OF ATTORNEY**

**BOND
NUMBER BE 0944675**

ORIGINALS OF THIS POWER OF ATTORNEY ARE PRINTED ON BLUE SAFETY PAPER WITH TEAL INK. DUPLICATES SHALL HAVE THE SAME FORCE AND EFFECT AS AN ORIGINAL ONLY WHEN ISSUED IN CONJUNCTION WITH THE ORIGINAL.

KNOWN ALL MEN BY THESE PRESENTS: That the Gulf Insurance Company, a corporation duly organized under the laws of the State of Missouri, having its principal office in the city of Irving, Texas, pursuant to the following resolution, adopted by the Finance & Executive Committee of the Board of Directors of the said Company on the 10th day of August, 1993, to wit:

"RESOLVED, that the President, Executive Vice President or any Senior Vice President of the Company shall have authority to make, execute and deliver a Power of Attorney constituting as Attorney-in-Fact, such persons, firms, or corporations as may be selected from time to time; and any such Attorney-in-Fact may be removed and the authority granted him revoked by the President, or any Executive Vice President, or any Senior Vice President, or by the Board of Directors or by the Finance and Executive Committee of the Board of Directors.

RESOLVED, that nothing in this Power of Attorney shall be construed as a grant of authority to the attorney(s)-in-fact to sign, execute, acknowledge, deliver or otherwise issue a policy or policies of insurance on behalf of Gulf Insurance Company.

RESOLVED, that the signature of the President, Executive Vice President or any Senior Vice President, and the Seal of the Company may be affixed to any such Power of Attorney or any certificate relating thereto by facsimile, and any such powers so executed and certified by facsimile signature and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond and documents relating to such bonds to which they are attached."

Gulf Insurance Company does hereby make, constitute and appoint

PRINCIPAL:	NAME, ADDRESS CITY, STATE, ZIP
	C.P. Morgan Communities, L.P. 301 E. Carmel Dr., Suite E-300 Carmel, IN 46032
	EFFECTIVE DATE
	January 3, 2001
	CONTRACT AMOUNT
	\$
	BOND AMOUNT
	\$23,360.00

Lewis James Scheer Michael J. Scheer James I. Moore Alice Rhodes Bonnie Kruse
Stephen T. Kazmer Dawn L. Morgan Peggy Faust Kelly A. Jacobs

its true and lawful attorney(s)-in-fact, with full power and authority hereby conferred in its name, place and stead, to sign, execute, acknowledge and deliver in its behalf, as surety, any and all bonds and undertakings of suretyship, and to bind Gulf Insurance Company thereby as fully and to the same extent as if any bonds, undertakings and documents relating to such bonds and/or undertakings were signed by the duly authorized officer of the Gulf Insurance Company and all the acts of said attorney(s)-in-fact, pursuant to the authority herein given, are hereby ratified and confirmed.

The obligation of the Company shall not exceed five million (5,000,000) dollars.

IN WITNESS WHEREOF, the Gulf Insurance Company has caused these presents to be signed by any officer of the Company and its Corporate Seal to be hereto affixed.

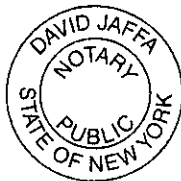


GULF INSURANCE COMPANY

Lawrence P. Minter
Lawrence P. Minter
Executive Vice President

STATE OF NEW YORK } SS
COUNTY OF KINGS

On this 28th day of July, 2000 A.D., before me came Lawrence P. Minter, known to me personally who being by me duly sworn, did depose and say; that he resides in the County of Bergen, State of New Jersey; that he is the Executive Vice President of the Gulf Insurance Company, the corporation described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instruments is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation and that he signed his name, thereto by like order.



STATE OF NEW YORK } SS
COUNTY OF NEW YORK

David Jaffa
David Jaffa
Notary Public, State of New York
No. 02JA4958634
Qualified in Kings County
Commission Expires December 30, 2001

I, the undersigned, Senior Vice President of the Gulf Insurance Company, a Missouri Corporation, DO HEREBY CERTIFY that the foregoing and attached POWER OF ATTORNEY remains in full force.

Signed and Sealed at the City of New York.



Dated the 3rd day of January 2001

George Biancardi
George Biancardi
Senior Vice President

8024-BE (7/2000)

STATE OF ILLINOIS }
 }
COUNTY OF COOK }

On January 3, 2001, before me, a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared Kelly A. Jacobs, known to me to be Attorney-in-Fact of Gulf Insurance Company, the corporation described in and that executed the within and foregoing instrument, and known to me to be the person who executed the said instrument in behalf of the said corporation, and he duly acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year stated in this certificate above.

My Commission Expires March 29, 2004


Notary Public



CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: RELOCATION / RECONSTRUCTION OF THE KRAUSE & KIEFFER REGULATED DRAIN
(SECTION 20, TOWNSHIP 18 NORTH, RANGE 5 EAST, FALL CREEK TOWNSHIP)

I hereby certify that:

1. I am a Registered Land Surveyor or Engineer in the State of Indiana .
2. I am familiar with the plans and specifications for the above referenced subdivision .
3. I have personally observed and supervised the completion of the drainage facilities for the above referenced subdivision .
4. The drainage facilities within the above referenced subdivision to the best of my knowledge , information and belief have been installed and completed in conformity with all plans and specifications .

Signature: Michael D. Little Date: JUNE 8, 2001

Type or Print Name: MICHAEL D. LITTLE, P.E., SENIOR PROJECT ENGINEER

Business Address: MELTON-PACKARD & ASSOCIATES, INC.

8444 CASTLEWOOD DRIVE, SUITE 700
INDIANAPOLIS, IN 46250

Telephone Number (317) 577-0069

SEAL



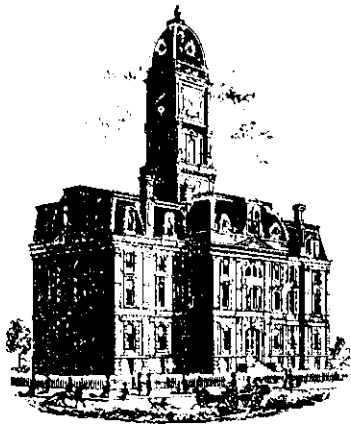
INDIANA REGISTRATION NUMBER

2132

FILED

JUN 11 2001

OFFICE OF HAMILTON COUNTY SURVEYOR



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 188

One Hamilton County Square

Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

October 28, 2004

Re: Krause & Klepfer: Northpoint Sec. 2 Relocation

Attached are as-builts, certificate of completion & compliance, and other information for Northpoint Sec. 2 Relocation. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated January 24, 2001. The report was approved by the Board at the hearing held February 26, 2001. (See Drainage Board Minutes Book 5, Pages 565-566) The changes are as follows: there was 587 feet of 27" RCP installed. The length of the drain due to the changes described above is now **587 feet**. The original Krause and Klepfer drain was vacated from Sta 17 to Sta 21. Therefore, 187 feet of drain was added to the Krause and Klepfer watershed.

The non-enforcement was approved by the Board at its meeting on February 26, 2001 and recorded under instrument #200100069283.

The following sureties were guaranteed by Gulf Insurance Company and released by the Board on its January 28, 2002 meeting.

Bond-LC No: BE0944675

Insured For: Storm Sewers

Amount: \$23,360.00

Issue Date: January 3, 2001

I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,

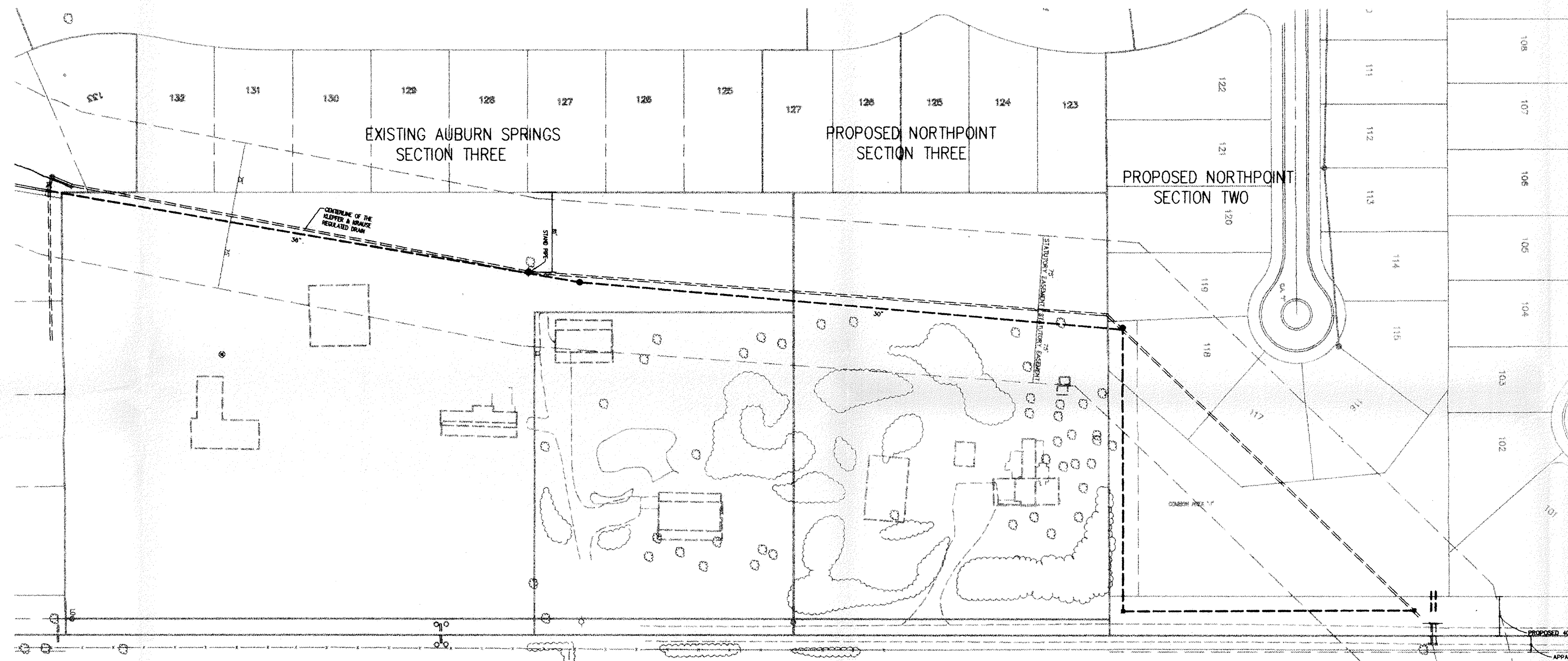
Kenton C. Ward,
Hamilton County Surveyor

SITE CONSTRUCTION PLANS FOR RELOCATION / RECONSTRUCTION OF THE KRAUSE AND KLEPFER REGULATED DRAIN

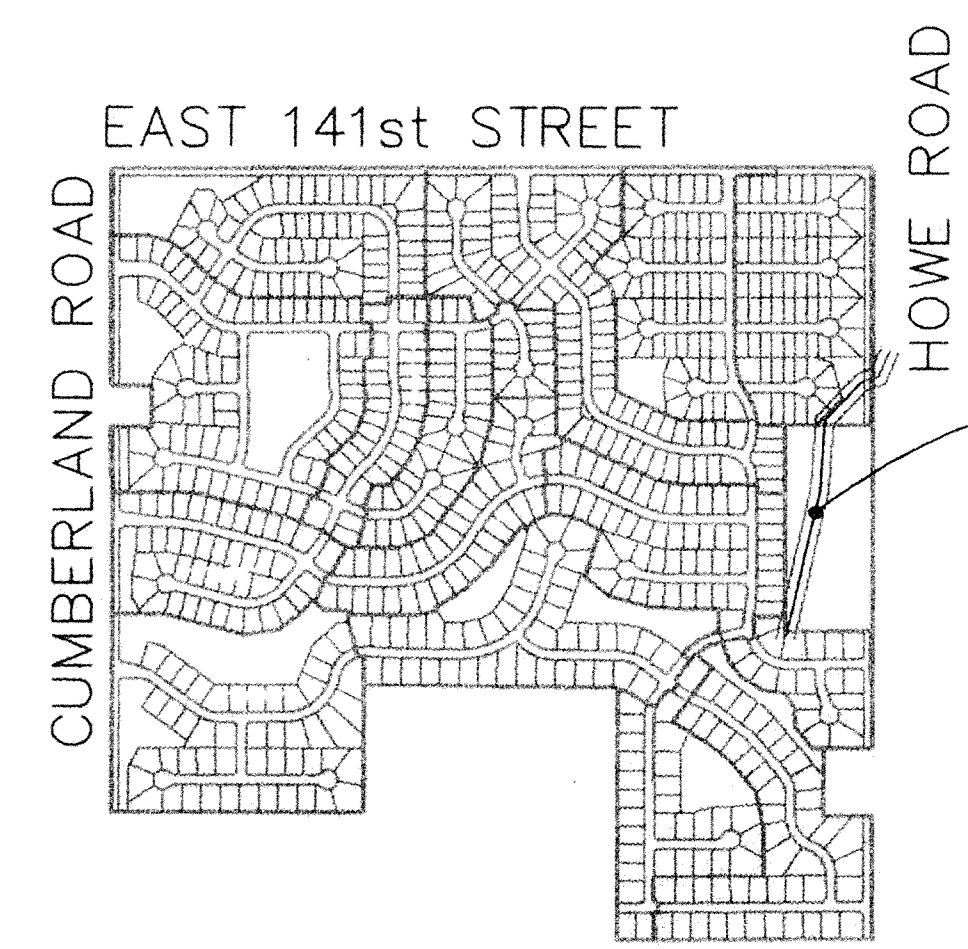
Section 20, Township 18 North, Range 5 East
Fishers, Indiana

INDEX	
SHT. NO.	DESCRIPTION
CS	TITLE SHEET
C201	SITE DEVELOPMENT PLAN
C202	EROSION CONTROL PLAN
C701	STORM SEWER PLAN & PROFILE (PHASE ONE)
C702	STORM SEWER PLAN & PROFILE (PHASE TWO)
C801	SITE DETAILS
C803	EROSION CONTROL DETAILS & SPECIFICATIONS
C901	SITE SPECIFICATIONS

BENCHMARK
BENCHMARK U.S.C. & G.S. BRONZE DISK STAMPED "HAM G 49" SET IN THE TOP OF THE SOUTHWEST WING WALL OF INTERSTATE 69. (NGVD 1929) ELEVATION = 845.73
TBM # 2 RAILROAD SPIKE ± 1.0 FOOT UP ON SOUTH SIDE OF POWER POLE LOCATED NORTH SIDE OF 141 ST. STREET SECOND POLE WEST OF HOWE ROAD. (NGVD 1929) ELEVATION = 828.82



REVISIONS		
SHEET NO.	DATE	DESCRIPTION
CS, 701, C801	12/27/00	12/27/00 - REVISED CONNECTIONS TO EXISTING VSP TILE AND ADDED RCP TRENCH DETAILS FOR BEDDING REQUIREMENTS. PER HCSO LETTER DATED 12/18/00
CS, C201, C701	06/08/01	AS-BUILT

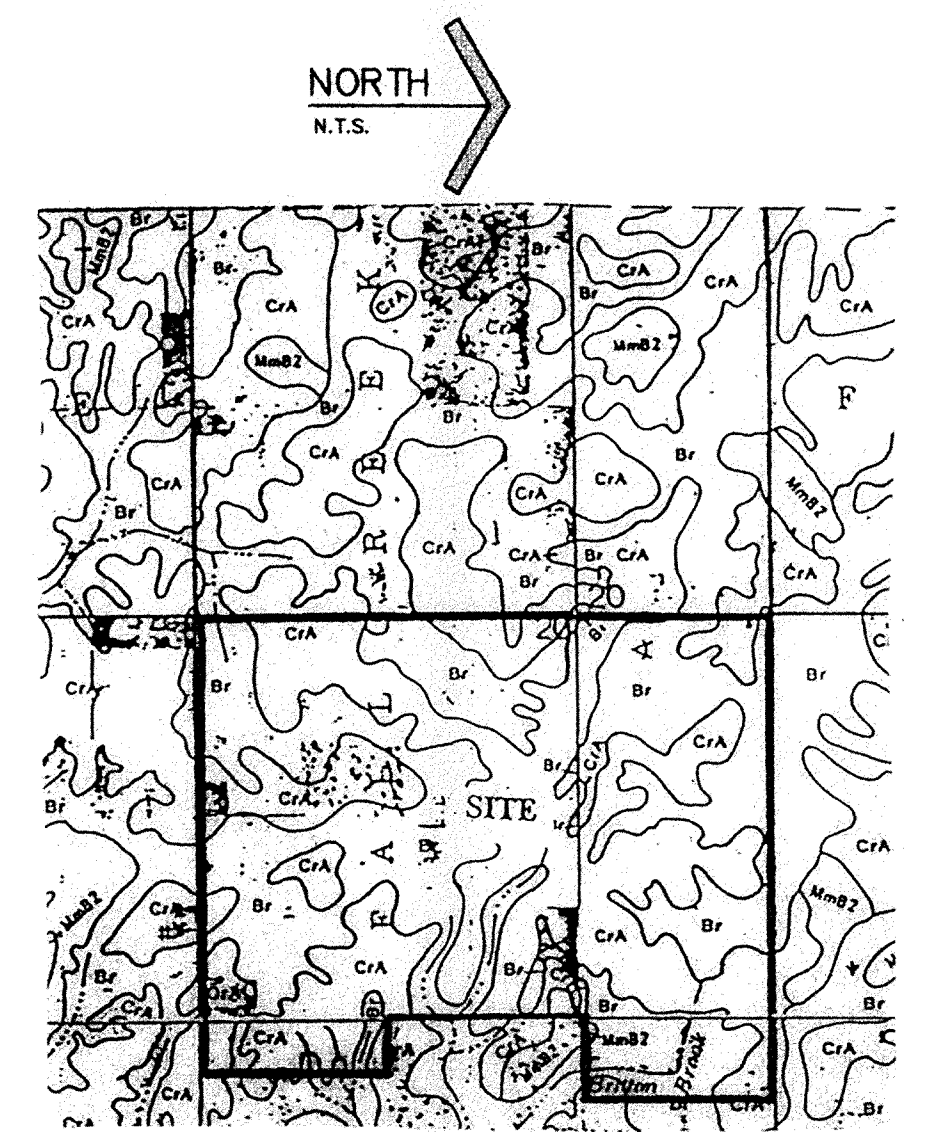


KRAUSE & KLEPFER
REGULATED DRAIN RELOCATION

This information was gathered for input into the Hamilton County Geographical Information System. This information is considered an official record of the GIS.

Entry Date: 10-5-04

Entered by: SLM



<table border="0"> <tr><td>Dr</td><td>Druckton silty clay loam</td></tr> <tr><td>CIA</td><td>Crook silty loam, 0 to 3 percent slopes</td></tr> <tr><td>FxA</td><td>Fax loam, 0 to 2 percent slopes</td></tr> <tr><td>FxB2</td><td>Fax loam, 2 to 4 percent slopes, eroded</td></tr> <tr><td>FxC3</td><td>Fax clay loam, 4 to 12 percent slopes, severely eroded</td></tr> <tr><td>Ce</td><td>Cenozoic silt loam</td></tr> <tr><td>HuF</td><td>Hunzinger loam, 18 to 50 percent slopes</td></tr> <tr><td>Ho</td><td>Houghton muck</td></tr> <tr><td>MaA</td><td>Maestri silt loam, 0 to 2 percent slopes</td></tr> <tr><td>MaB2</td><td>Maestri silt loam, 2 to 8 percent slopes, eroded</td></tr> <tr><td>MaC2</td><td>Maestri silt loam, 8 to 12 percent slopes, eroded</td></tr> <tr><td>MaD2</td><td>Maestri silt loam, 12 to 18 percent slopes, eroded</td></tr> <tr><td>MaC3</td><td>Maestri clay loam, 8 to 12 percent slopes, severely eroded</td></tr> <tr><td>MaD3</td><td>Maestri clay loam, 12 to 18 percent slopes, severely eroded</td></tr> <tr><td>MaA</td><td>Maestri silt loam, 0 to 2 percent slopes</td></tr> </table>	Dr	Druckton silty clay loam	CIA	Crook silty loam, 0 to 3 percent slopes	FxA	Fax loam, 0 to 2 percent slopes	FxB2	Fax loam, 2 to 4 percent slopes, eroded	FxC3	Fax clay loam, 4 to 12 percent slopes, severely eroded	Ce	Cenozoic silt loam	HuF	Hunzinger loam, 18 to 50 percent slopes	Ho	Houghton muck	MaA	Maestri silt loam, 0 to 2 percent slopes	MaB2	Maestri silt loam, 2 to 8 percent slopes, eroded	MaC2	Maestri silt loam, 8 to 12 percent slopes, eroded	MaD2	Maestri silt loam, 12 to 18 percent slopes, eroded	MaC3	Maestri clay loam, 8 to 12 percent slopes, severely eroded	MaD3	Maestri clay loam, 12 to 18 percent slopes, severely eroded	MaA	Maestri silt loam, 0 to 2 percent slopes	<table border="0"> <tr><td>HuA</td><td>Hunzinger loam, 0 to 2 percent slopes</td></tr> <tr><td>OsA</td><td>Oskany silt loam, 0 to 2 percent slopes</td></tr> <tr><td>OsB2</td><td>Oskany silt loam, 2 to 4 percent slopes, eroded</td></tr> <tr><td>OsC</td><td>Oskany silt loam, 4 to 8 percent slopes, eroded</td></tr> <tr><td>Pa</td><td>Palma muck</td></tr> <tr><td>PaA</td><td>Palma silty clay loam</td></tr> <tr><td>PaB</td><td>Palma silty clay loam, some stone substratum</td></tr> <tr><td>PaC</td><td>Palma silt loam</td></tr> <tr><td>Ra</td><td>Rancho silt loam</td></tr> <tr><td>RaA</td><td>Rancho loam</td></tr> <tr><td>Sh</td><td>Shells silt loam</td></tr> <tr><td>ShA</td><td>Shells loam</td></tr> <tr><td>ShB</td><td>Shells silt loam, sandy substratum</td></tr> <tr><td>Wa</td><td>Wetland silty clay loam</td></tr> <tr><td>WaA</td><td>Wetland loam</td></tr> </table>	HuA	Hunzinger loam, 0 to 2 percent slopes	OsA	Oskany silt loam, 0 to 2 percent slopes	OsB2	Oskany silt loam, 2 to 4 percent slopes, eroded	OsC	Oskany silt loam, 4 to 8 percent slopes, eroded	Pa	Palma muck	PaA	Palma silty clay loam	PaB	Palma silty clay loam, some stone substratum	PaC	Palma silt loam	Ra	Rancho silt loam	RaA	Rancho loam	Sh	Shells silt loam	ShA	Shells loam	ShB	Shells silt loam, sandy substratum	Wa	Wetland silty clay loam	WaA	Wetland loam
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CERTIFIED THIS 7th DAY OF OCTOBER, 1999.

Michael D. Little
MICHAEL D. LITTLE
REG. PROFESSIONAL ENGINEER NO. 21232
STATE OF INDIANA

AS-BUILT

PRINTED
JUN 0 8 2001
MPA

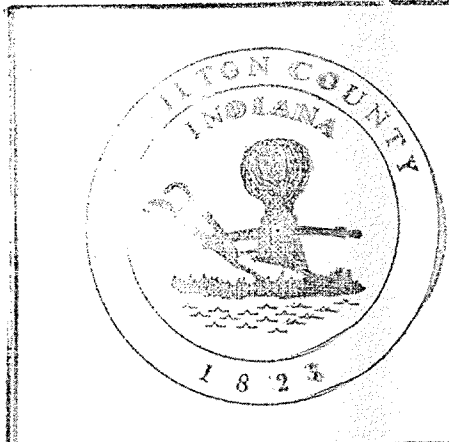
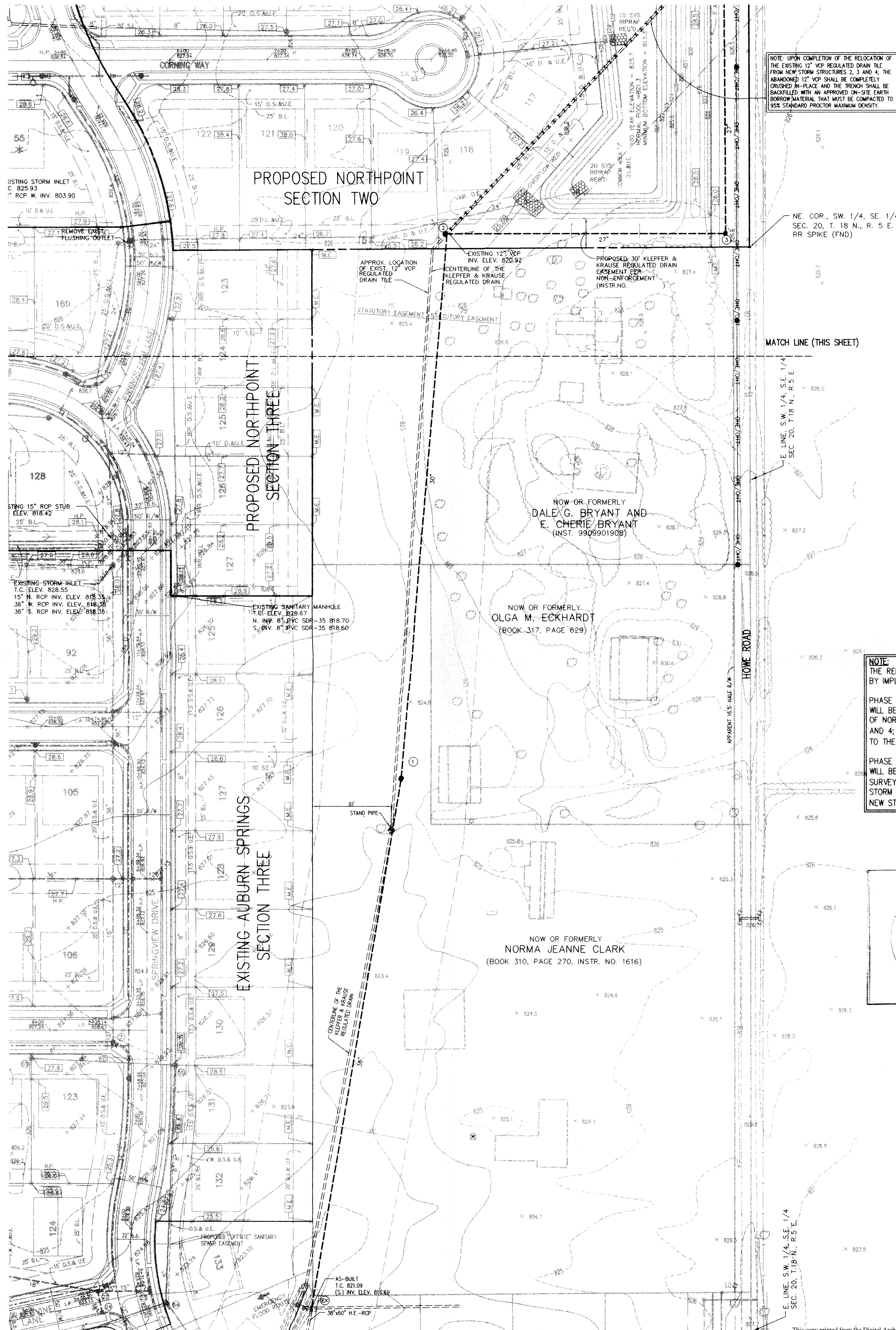
PLANS PREPARED FOR:
C.P. MORGAN COMMUNITIES, L.P.
301 EAST CARMEL DRIVE, SUITE E-300
INDIANAPOLIS, INDIANA 46032-2892
(317)-848-4040

PLANS PREPARED BY:
MPA

MELTON-PACKARD AND ASSOCIATES
8444 CASTLEWOOD - SUITE 700
INDIANAPOLIS, INDIANA 46250
(317) 577-0069

FILED
JUN 11 2001
OFFICE OF HAMILTON COUNTY SURVEYOR

x:\Server\1993\5566 (Rosewood, Auburn, Springs & Plantana) \OFF SITE DRAIN\3566dcs.dwg Fri Jun 08 11:56:52 2001 workstation 2



This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

Entry Date: 10-5-04

Entered by: SLM

STR. NO.	TC/RIM ELEV.	INV. IN	INV. OUT	DEPTH (FEET)	STR. SIZE	STR. TYPE	CASTING TYPE	PIPE SIZE	DIRECTION OF PIPE IN/OUT
EXISTING	821.09	816.69		1.07	48"x98"	SPECIAL BOX INLET	4 EACH R-4343	36" RCP	N.
				2.82				18" HCSP	W.
		816.69	816.69	0.78				38"x60" H.E.-RCP	S.
1	824.30	817.46		4.05	48"x48"	BOX-*	R-1772-A	30" RCP	N.
			817.46	3.51				36" RCP	S.
2	826.09	818.68		5.13	48"x48"	BOX-*	R-1772-A	27" RCP	E.
			818.68	4.86				30" RCP	S.
3	825.25	820.51		2.90	48"x48"	BOX-*	R-4342	27" RCP	N.
			820.51	2.90				27" RCP	W.
4	825.16	821.47		2.49	30"x46"	BOX	R-3457-C	12" VCP	N.E.
			820.83	1.21				27" RCP	S.

PIPE SIZE	THICKNESS (INCHES)	THICKNESS (FEET)
27" RCP	3.25 INCHES	(0.27 FEET)
30" RCP	3.50 INCHES	(0.29 FEET)
36" RCP	4.00 INCHES	(0.33 FEET)

PIPE SIZE	THICKNESS (INCHES)	THICKNESS (FEET)
38"x60" H.E. - RCP	5.50 INCHES	(0.46 FEET)

DEPTH = T/C - (INV. + WALL THICKNESS)

NOTE:
 STRUCTURE TYPE DESIGNATIONS WITH THE SUFFIX "-*" SHALL BE REQUIRED TO BE PROVIDED WITH ACCESS STEPS; THE INCOMING AND OUTGOING PIPES EFFECT THE STEP LOCATION.

LEGEND

	SPOT ELEVATION		TRANSFORMER
	CONTOUR		UNDERGROUND TELEPHONE
	AREA/STREET LIGHT		FIBER OPTIC CABLE
	UTILITY POLE		UNDERGROUND ELECTRIC
	UTILITY POLE WITH GUY LINE		UNDERGROUND CABLE TELEVISION
	OVERHEAD ELECTRIC		WATER LINE
	OVERHEAD TELEPHONE		WATER VALVE
	OVERHEAD CABLE TELEVISION		FIRE HYDRANT
	TELEPHONE RISER		WATER METER
	SANITARY SEWER MANHOLE		POTABLE WATER WELL
	CLEANOUT		DECIDUOUS TREE/BUSH
	STORM SEWER INLET		EVERGREEN TREE/BUSH
	PIPE END SECTION		FENCE
			SIGN
			MAIL BOX

PROPOSED

	WATER MAIN		FIRE HYDRANT
	SUBSURFACE DRAIN		WATER VALVE
	BUILDING LINE		FLUSHIER OFF
	DRAINAGE & UTILITY EASEMENT		TYPICAL PAD
	LANDSCAPE EASEMENT		
	SANITARY SEWER EASEMENT		
	DRAINAGE, SANITARY SEWER, LANDSCAPE & UTILITY EASEMENT		
	IRREGULAR DRAINAGE, LANDSCAPE & UTILITY EASEMENT		
	DRAINAGE & SANITARY SEWER EASEMENT		
	DRAINAGE & LANDSCAPE EASEMENT		
	IRREGULAR SANITARY SEWER & LANDSCAPE EASEMENT		
	IRREGULAR DRAINAGE, SANITARY SEWER & UTILITY EASEMENT		
	DRAINAGE, LANDSCAPE EASEMENT & UTILITY EASEMENT		
	DRAINAGE, SANITARY SEWER & UTILITY EASEMENT		

MELTON-PACKARD & ASSOCIATES
 Civil Engineers • Land Planners
 8444 Castlewood Drive • Suite 700 • Indianapolis, Indiana 46250
 Office (317) 577-0069 • Fax (317) 577-1879

MPA

SITE DEVELOPMENT PLAN
KRAUSE & KLEPFER
 REGULATED DRAIN RELOCATION
 FISHERS, INDIANA

PRINTED
 JUN 08 2001
 MPA

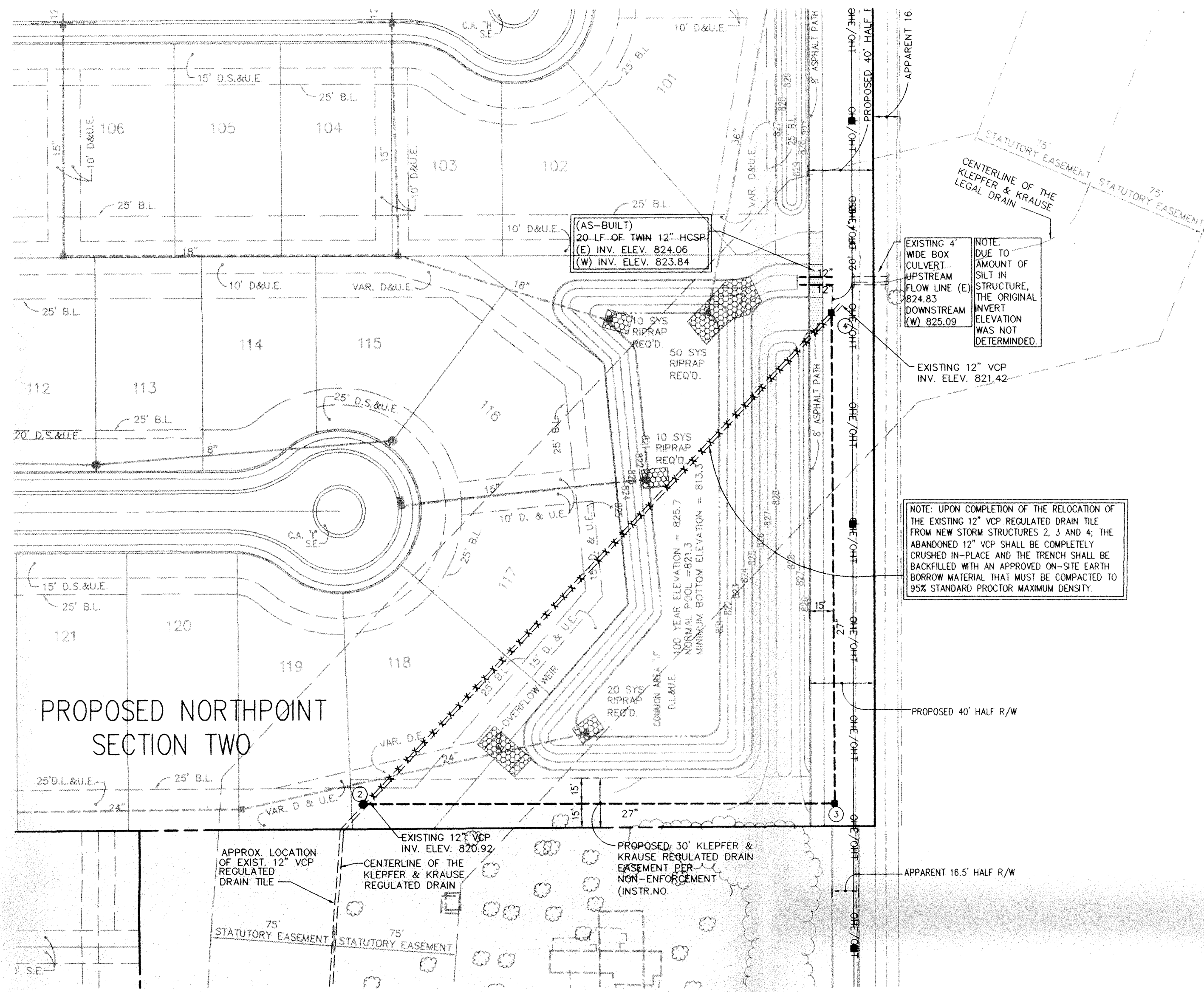
REVISIONS

FILED
 JUN 11 2001
 AS-BUILT
 OFFICE OF HAMILTON COUNTY SURVEYOR

DRAWING: 9356201
 DATE: 12/1/00
 PROJ. NO.: OFFSITE
 DRAWN BY: MAG

SHEET NO.: **C201**
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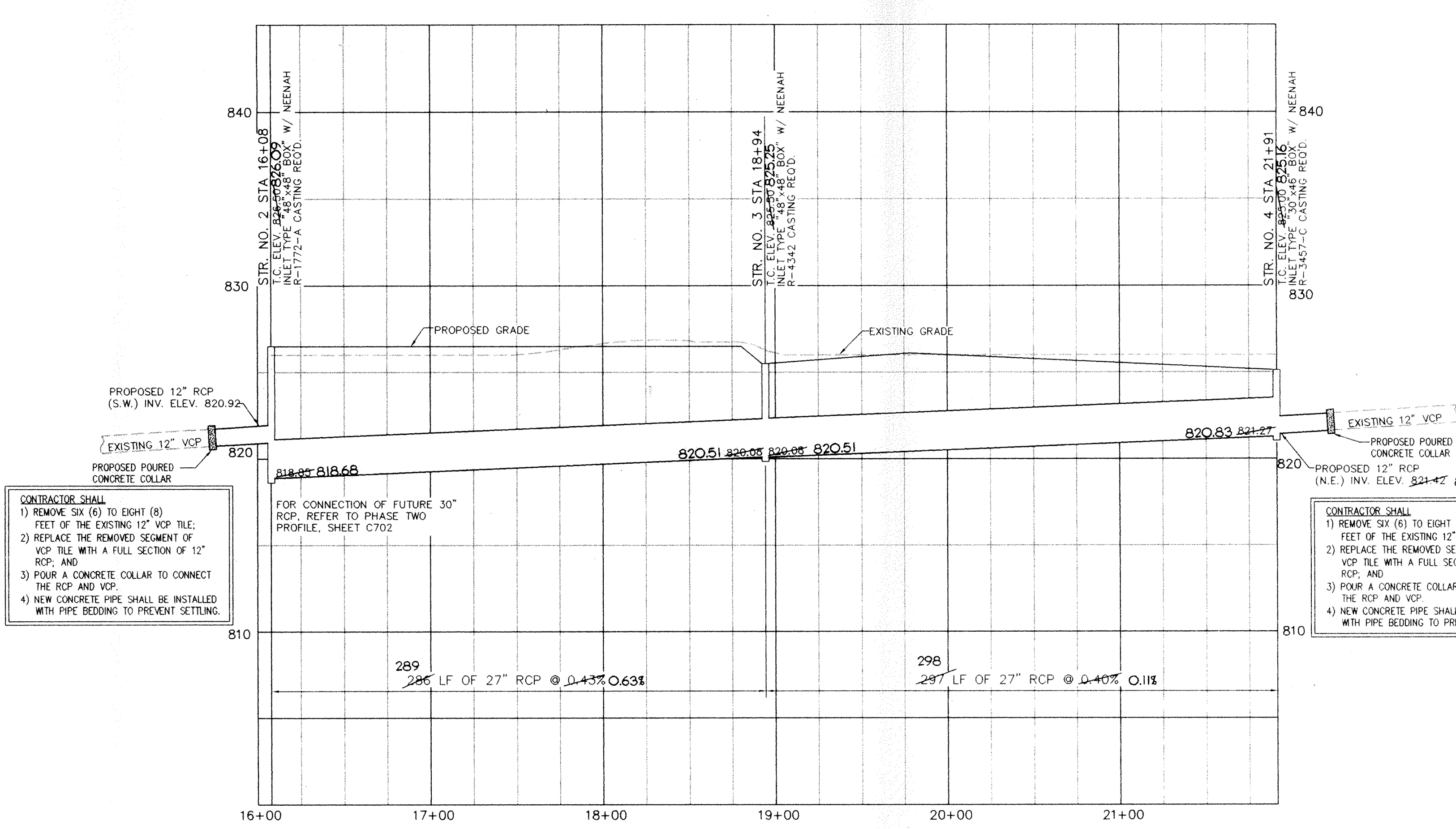
LEGEND

EXISTING		PROPOSED	
SPOT ELEVATION	TRANSFORMER	SPOT ELEVATION	TRANSFORMER
CONTOUR	UNDERGROUND TELEPHONE	GRADE	UNDERGROUND TELEPHONE
AREA/STREET LIGHT	FIBER OPTIC CABLE	SUBSURFACE DRAIN	FIBER OPTIC CABLE
UTILITY POLE	UNDERGROUND ELECTRIC	B.L. BUILDING LINE	UNDERGROUND ELECTRIC
UTILITY POLE WITH GUY LINE	UNDERGROUND CABLE TELEVISION	D.M.E. DRAINAGE & UTILITY EASEMENT	UNDERGROUND CABLE TELEVISION
OVERHEAD ELECTRIC	WATER LINE	L.E. LANDSCAPE EASEMENT	WATER LINE
OVERHEAD TELEPHONE	WATER VALVE	S.S. SANITARY SEWER EASEMENT	WATER VALVE
OVERHEAD CABLE TELEVISION	FIRE HYDRANT	D.S.E. DRAINAGE, SANITARY SEWER, LANDSCAPE & UTILITY EASEMENT	FIRE HYDRANT
TELEPHONE RISER	WATER METER	I.R.D. IRREGULAR DRAINAGE, LANDSCAPE & UTILITY EASEMENT	WATER METER
SANITARY SEWER	POTABLE WATER WELL	S.S.E. DRAINAGE & SANITARY SEWER EASEMENT	POTABLE WATER WELL
MANHOLE	DECIDUOUS TREE/BUSH	D.L.E. DRAINAGE & LANDSCAPE EASEMENT	DECIDUOUS TREE/BUSH
CLEANOUT	EVERGREEN TREE/BUSH	I.R.S.E. IRREGULAR SANITARY SEWER & LANDSCAPE EASEMENT	EVERGREEN TREE/BUSH
STORM SEWER	TREE/SHRUB LINE	I.R.D.E. IRREGULAR DRAINAGE, SANITARY SEWER & UTILITY EASEMENT	TREE/SHRUB LINE
INLET	FENCE	D.L.S.E. DRAINAGE, LANDSCAPE EASEMENT & UTILITY EASEMENT	FENCE
PIPE END SECTION	MAILBOX	D.S.S.E. DRAINAGE, SANITARY SEWER & UTILITY EASEMENT	MAILBOX

BENCHMARK

U.S.C. & G.S.
BRONZE DISK STAMPED "HAM G 49" SET IN THE TOP OF THE SOUTHWEST WING WALL OF INTERSTATE 69 (NGVD 1929)
ELEVATION = 845.73

TM # 2
RAILROAD SPIKE ± 1.0 FOOT UP ON SOUTH SIDE OF POWER POLE LOCATED NORTH SIDE OF 141 ST. STREET SECOND POLE WEST OF HOWE ROAD. (NGVD 1929)
ELEVATION = 828.82



"RECORD DRAWING" CERTIFICATION

CERTIFIED BY: *Michael D. Little*
 MELTON-PACKARD & ASSOCIATES
 REPRESENTING (COMPANY NAME):
 DATE: 06/08/01

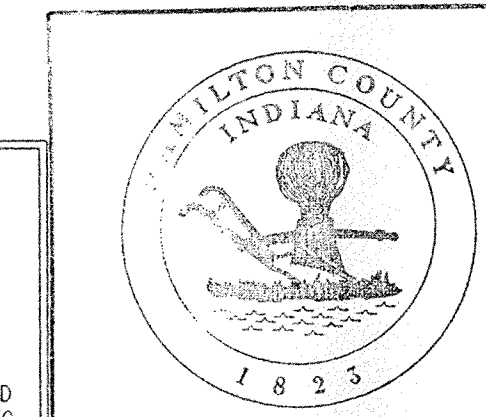
NOTE: Record drawing certification only for top of casting, invert elevations and lengths of pipe. Slope percentage represents a calculated figure and is general information only.

CONTRACTOR SHALL

- 1) REMOVE SIX (6) TO EIGHT (8) FEET OF THE EXISTING 12" VCP TILE;
- 2) REPLACE THE REMOVED SEGMENT OF VCP TILE WITH A FULL SECTION OF 12" RCP; AND
- 3) POUR A CONCRETE COLLAR TO CONNECT THE RCP AND VCP;
- 4) NEW CONCRETE PIPE SHALL BE INSTALLED WITH PIPE BEDDING TO PREVENT SETTLING.

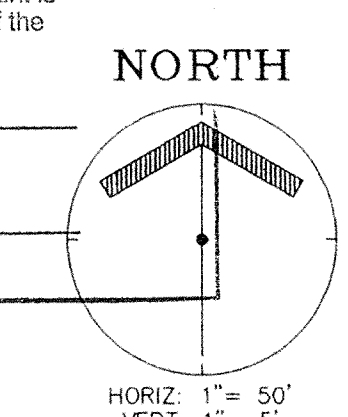
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This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

Entry Date: 10-5-04
 Entered by: SLM



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 JUN 11 2001
 OFFICE OF HAMILTON COUNTY SURVEYOR

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MPA

STORM SEWER PLAN AND PROFILE

KRAUSE & KLEPPER
 REGULATED DRAIN RELOCATION
 FISHERS, INDIANA

SHEET TITLE: STORM SEWER PLAN AND PROFILE
 PROJECT NAME: KRAUSE & KLEPPER REGULATED DRAIN RELOCATION FISHERS, INDIANA

REVISIONS

12/23/00 - REVISED CONNECTIONS TO EXISTING VCP TILE AND ADDED RCP TRENCH DETAILS FOR BEDDING REQUIREMENTS PER INSD LETTER DATED 12/18/00. MAG
 04/18/01 - AS-BUILT STORM SEWER

MICHAEL D. LITTLE
 REGISTERED PROFESSIONAL ENGINEER
 No. 21232
 STATE OF INDIANA

DATE: 06/08/01

PRINTED JUN 08 2001 MPA

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