Drain: CROOKED CREEK DRAIN **Drain #:** 250
Improvement/Arm: WESTON RIDGE - SECTION 3
Operator: JDH **Date:** 12-3-03
Drain Classification: Urban/Rural **Year Installed:** 1997

GIS Drain Input Checklist

- Pull Source Documents for Scanning — JDH 12-3
- Digitize & Attribute Tile Drains — N/A
- Digitize & Attribute Storm Drains — JDH 12-4
- Digitize & Attribute SSD — JDH 12-4
- Digitize & Attribute Open Ditch — N/A
- Stamp Plans — JDH 12-4
- Sum drain lengths & Validate — JDH 12-4
- Enter Improvements into Posse — JDH 12-4
- Enter Drain Age into Posse — [illegible] 12-12
- Sum drain length for Watershed in Posse — [illegible] 12-12
- Check Database entries for errors — JDH 12-4

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Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: CROOKED CREEK DRAIN - WESTON RIDGE - SECTION 3

Drain Type:	Size:	Length (SURVEYOR'S REPORT)	Length (DB Query)	Length Reconcile	If Applicable Price:	If Applicable Cost:
SSD	6"	4000.26'	3638.56'	-361.7'		
RCP	12"	101'	101'	Ø		
	15"	257'	257'	Ø		
	18"	508'	508'	Ø		
	24"	30'	30'	Ø		
	27"	150'	150'	Ø		
Sum:		5,046.26'	4684.56'	-361.7'		

Final Report: _____

Comments:

SURVEYOR'S REPORT LENGTH FOR 6" SSD DOES NOT AGREE WITH AS BUILTS

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SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor
Phone (317) 776-8495
Fax (317) 776-9628

Suite 146
One Hamilton County Square
Noblesville, Indiana 46060-2230

June 5, 1997

TO: HAMILTON COUNTY DRAINAGE BOARD

RE: Crooked Creek Drain, Westin Ridge, Section 3 Arm

Attached is a petition, plans, non-enforcement request, calculations, quantity summary and assessment roll for the **Westin Ridge, Section 3 Arm, Crooked Creek Drain.** I have reviewed the submittals and petition and have found each to be in proper form.

I have made a personal inspection of the land described in the petition. Upon doing so, I believe that the drain is practicable; will improve the public health; benefit a public highway and be of public utility; and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefited. The drain will consist of the following:

6"	SSD	3,550 feet	24"	RCP	30 feet
12"	RCP	127 feet	27"	RCP	150 feet
15"	RCP	258 feet			
18"	RCP	510 feet			

The total length of the drain will be 4,625 feet.

The subsurface drains (SSD) to be part of the regulated are those located under the curbs. Only the main SSD lines which are located within the Right-of Way are to be maintained as regulated of the drain. Laterals for individual lots will not be considered part of the regulated drain.

I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe no damages will result to landowners

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the construction of this drain. I recommend a maintenance assessment of $30.00 per lot, $5.00 per acre for roadways, with a $30.00 minimum. With this assessment the total annual assessment for this drain/**this section** will be $ 900.50 .

I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 to 69. Therefore, this drain shall be designated as an Urban Drain.

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 **Westin Ridge Section 3** as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for July 1997.

Kenton C. Ward
Hamilton County Surveyor
KCW/no

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SCHEER'S INCORPORATED
5650 S. BRAINARD, LA GRANGE, ILLINOIS 60525 708/352-6282

FILE COPY

BOARD OF COMMISSIONERS
OF T- Y OF HAMILTON

ATTEST: _____
HAMILTON COUNTY AUDITOR

DATE _____

SUBDIVISION BOND

Bond No.: 106090 Principal Amount: $60,000

KNOW ALL MEN BY THESE PRESENTS, that we K.E. Properties, L.L.C. 1041 W. Main St., Carmel, IN 46032 as Principal, and Frontier Insurance Company a New York Corporation, as Surety, are held and firmly bound unto Hamilton County Commissioners One Hamilton County Square, Noblesville, IN in the penal sum of Sixty Thousand and 00/100----------(Dollars) ($60,000.00----------), 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, K.E. Properties, L.L.C. has agreed to construct in Weston Ridge, Section 3 Subdivision, in Hamilton County, IN the following improvements:

Storm Sewer, SSD and Erosion Control

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CERTIFICATE OF COMPLETION AND COMPLIANCE
STORM

Address of premises on which land
alteration was accomplished 106th Street and Shelborne Road
Weston Ridge, Section 3

Inspection Date(s):_____ Permit No._____

Relative to plans prepared by: Stoeppelwerth & Associates, Inc.

on 2/12, 1997.

I hereby certify that:

To the best of my knowledge, information and belief such land alteration has been performed and completed in conformity with the improved plan, except None

Signature Jeffory W Darling Date: 12/26/1998

Type Name: Jeffory W. Darling Phone: (317) 849-5935

Business Address: 9940 Allisonville Road, Fishers, IN 46038

Surv. X Engr. X Arch.__ Indiana Registration No. R.L.S. 900017

JEFFORY W. DARLING
REGISTERED
No.
900017
STATE OF
INDIANA
LAND SURVEYOR

(SEAL)

FORMS/COMP&C

FILED

MAR 04 1998

OFFICE OF HAMILTON COUNTY SURVEYOR

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SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor
Phone (317) 776-8495
Fax (317) 776-9628

Suite 146
One Hamilton County Square
Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

September 2, 1999

Re: Crooked Creek Drain: Weston Ridge Sec. 3

Attached are as-builts, certificate of completion & compliance, and other information for Weston Ridge Sec. 3. 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 June 5, 1997. The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
EX. STR.	905	901.98				
937	906.12	902.28	18	139		
937	906.12	902.28				
938	906.12	902.45	15	30		
938	906.12	902.45				
939		902.76	12	101	127	-26
EX. STR.	906.15	900.89				
960	905.06	901.28	27	150		
960	905.06	901.28				
928	904.66	901.36	24	30		
928	904.66	901.36				
935	905.45	901.67	18	34		
935	905.45	901.67				
936	905.42	9091.75	15	31		
928	904.99	901.36				
929	906.6	901.71	18	117	118	-1
929	906.6	901.71				
930	905.38	901.97	18	90	92	-2
930	905.38	901.97				
931	904.49	902.39	18	128		
931	904.49	902.39				

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932		902.85	15	196	197	-1

6" SSD Streets:

YORKTOWN CROSSING	410
SUMTER WAY	769.28
VALLEY FORGE CIRCLE	820.85 640
	X 2

Total: 4000.26

RCP Pipe Totals:

12	101
15	257
18	508
24	30
27	150

The length of the drain due to the changes described above is now **5,046 feet.**

The non-enforcement was approved by the Board at its meeting on July 28, 1997 and recorded under instrument #9909902292.

The bond or letter of credit from Frontier Insurance Company, number 106090 and 106088; in the amount of $60,000 for storm sewers, subsurface drains, erosion control and $1,210 for street monumentation; was released June 8, 1998.

I recommend the Board approve the drains construction as complete and acceptable.

Sincerely,

Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

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Asbuilt Structures

Project: WESTON RIDGE SEC. 3

Eng. Proj.#: 19584 - stoeppelwerth engineers

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
EX. STR.	905	901.98				
937	906.12	902.28	18	139		
937	906.12	902.28				
938	906.12	902.45	15	30		
938	906.12	902.45				
939		902.76	12	101	127	-26
EX. STR.	906.15	900.89				
960	905.06	901.28	27	150		
960	905.06	901.28				
928	904.66	901.36	24	30		
928	904.66	901.36				
935	905.45	901.67	18	34		
935	905.45	901.67				
936	905.42	9091.75	15	31		
928	904.99	901.36				
929	906.6	901.71	18	117	118	-1
929	906.6	901.71				
930	905.38	901.97	18	90	92	-2
930	905.38	901.97				
931	904.49	902.39	18	128		
931	904.49	902.39				
932		902.85	15	196	197	-1

6" SSD Streets:

YORKTOWN CROSSING	410
SUMTER WAY	769.28
VALLEY FORGE CIRCLE	820.85
	X 2

Total: 4000.26

6" SSD Lots:

Total:

RCP Pipe Totals:

12	101
15	257
18	508
24	30
27	150

Other Drain:	

Total Length of Drain: 5,046

5046.26

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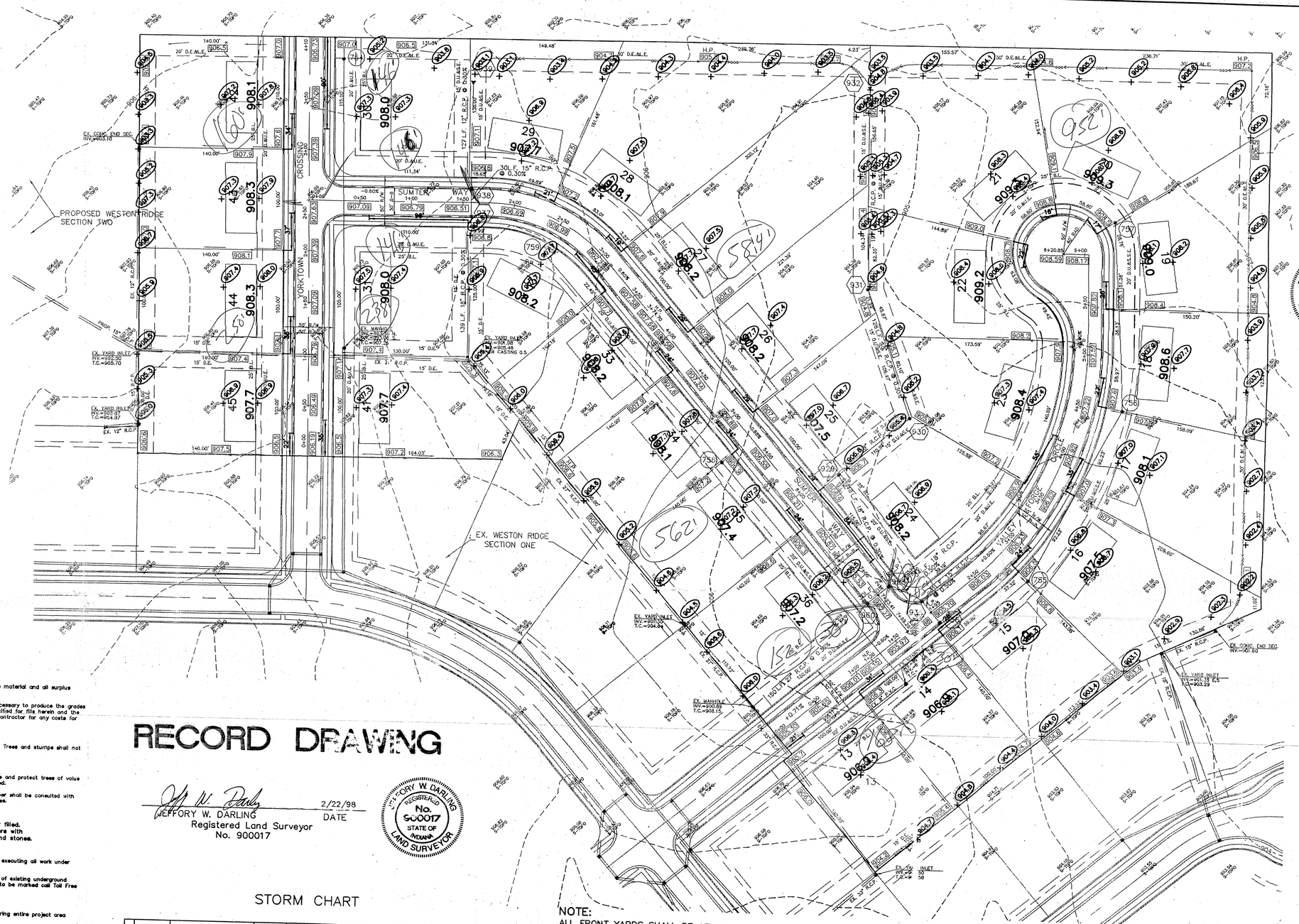
LEGEND

- EXISTING CONTOUR
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- PROPOSED GRADE
- PROPOSED CONTOUR
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED SWALE
- PROPOSED 4' SIDEWALK (BY HOME BUILDER) (UNLESS OTHERWISE NOTED)
- 35 LOT NUMBER
- ADD 5' OVERBUILD TO FRONT & SIDES OF PAD SHOWN
- 30 70' 853.0 PAD ELEVATION DENOTES 2'-0" OF FILL OR MORE
- PROPOSED 6" UNDERDRAINS
- 4" S.S.D. TO LOT

BENCHMARKS:
U.S.G.S. S-78
STANDARD TABLET SET IN CONCRETE APPROX. 1000' N. OF 106TH ST. @ EAST R/W LINE OF U.S. #421. ELEV.=900.77

S. & A. #3
P.K. NAIL IN NORTH FACE OF P.W.P. #12-128 A 12" UP, POLE IS 33' WEST OF PANHANDLE EASTERN RED & WHITE GAS LINE MARKER
ELEV.=895.04



EARTHWORK:

1. EXCAVATION
   - A. Excavated material that is suitable may be used for fills. All unsuitable material and all surplus excavated material not required shall be removed from the site.
   - B. Provide and place any additional fill material from offsite as may be necessary to produce the grades required on plans. Fill obtained from offsite shall be of quality as specified for fills herein and the source approved by the Developer. It will be the responsibility of the Contractor for any costs for fill needed.
2. REMOVAL OF TREES
   - A. All trees and stumps from area to be occupied by a road surface area. Trees and stumps shall not be buried on site.
3. PROTECTION OF TREES
   - A. The Contractor shall, at the direction of the Developer, endeavor to save and protect trees of value and worth which do not impair construction of improvements as designed.
   - B. In the event cut or fill exceeds 0.5 foot over the root area, the Developer shall be consulted with respect of protective measure to be taken, if any, to preserve such trees.
4. REMOVAL OF TOPSOIL
   - A. All topsoil shall be removed from all areas to be excavated or filled. Topsoil should be stored at a location where it will not interfere with construction operations. The topsoil shall be free of debris and stones.
5. UTILITIES
   - A. Rules and regulation governing the respective utility shall be observed in executing all work under this section.
   - B. It shall be the responsibility of the Contractor to determine the location of existing underground utilities 2 working days prior to commencing work. For utility locations to be marked call Toll Free 1-800-382-5544 within Indiana or 1-800-428-5200 outside Indiana.
6. SITE GRADING
   - A. Do all cutting, filling, compacting of fills and rough grading required to bring entire project area to subgrade as shown on the drawing.
   - B. All grade areas shall not exceed 0.10 feet plus or minus the established grade. Provide roundings at top and bottom of banks and other breaks in grade.
   - C. The Engineer shall be notified when the Contractor has reached the tolerance as stated above, so that field measurements and spot elevations can be verified by the Engineer. The Contractor shall not remove his equipment from the site until the Engineer has verified that the job meets the above tolerance.

FORM\EARTHWRK

RECORD DRAWING

JEFFORY W. DARLING
Registered Land Surveyor
No. 900017

2/22/98
DATE

JEFFORY W. DARLING REGISTERED No. 900017 STATE OF INDIANA LAND SURVEYOR

HAMILTON COUNTY INDIANA 1823

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Entry Date: 12-9-03

Entered by: JDH

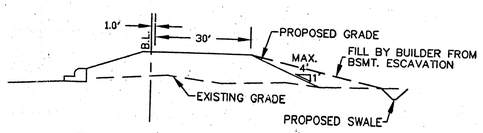
STORM CHART

STR.NO.	TYPE	TC/RIM	INVERTS	DIR.	INVERTS	DIR.	INVERTS	DIR.
928	CURB INLET	905.33	901.43	N.	901.43	SW.	901.43	SE.
929	MANHOLE	906.70	901.78	N. S.				
930	YARD INLET	905.90	902.05	N. S.				
931	YARD INLET	904.60	902.43	N. S.				
932	CONC. END SECTION W/T.G.		903.00	S.				
935	CURB INLET	905.68	901.60	S.E. W				
936	CURB INLET	905.68	901.75	N.W.				
937	CURB INLET	906.40	902.39	N. S.				
938	CURB INLET	906.40	902.48	N.S.				
939	CONC. END SECTION W/T.G.		902.80	S.				
960	CURB INLET	905.33	901.34	NE. SW.				

NOTE:
ALL FRONT YARDS SHALL BE AT 2% FROM THE BACK OF CURB TO APPROX. 5' IN FRONT OF THE BUILDING SETBACK LINE.

ALL PADS & STRUCTURAL FILL PLACED SHALL BE COMPACTED TO 95% OF MAX. DENSITY USING THE STANDARD PROCTOR TEST METHOD.

CONTRACTOR SHALL REGRADE EXISTING SWALES AS NEEDED.



TYPICAL LOT GRADING DETAIL
NO SCALE

SCALE: 1"= 50'

"HOLEY MOLEY" SAYS:

1-800-382-5544
CALL TOLL FREE

1-800-428-5200
FOR CALLS OUTSIDE OF INDIANA

CAUTION

LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE. (including, but not limited to, manholes, inlets, valves, & marks made upon the ground by others.) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISITING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

DAVID J. STOEPPELWERTH REGISTERED No. 19358 STATE OF INDIANA PROFESSIONAL ENGINEER

CERTIFIED: 2/12/97

DWN. BY	GBR	2/12/98	AS-BUILTS	SCS
CK. BY		2/12/97	REV PER HAMILTON SURVEYOR COMMENTS	JDB
WAB		5/13/97	REV PER TAC COMMENTS	TLT
SCALE 1"=50'		3/13/97	REV PER DEV. & TAC COMMENTS	GBR
		2/12/97	REVISIONS	BY
		DATE	MARK	

CONSULTING ENGINEERS - LAND SURVEYORS
(317) 849-5935 1-800-728-6917 FAX:(317) 849-5942
INDIANAPOLIS INDIANA

SITE DEVELOPMENT PLAN
WESTON RIDGE SECTION THREE
CARMEL INDIANA

SHEET NO. 3 OF 15 SHEETS

JOB NO. 19584

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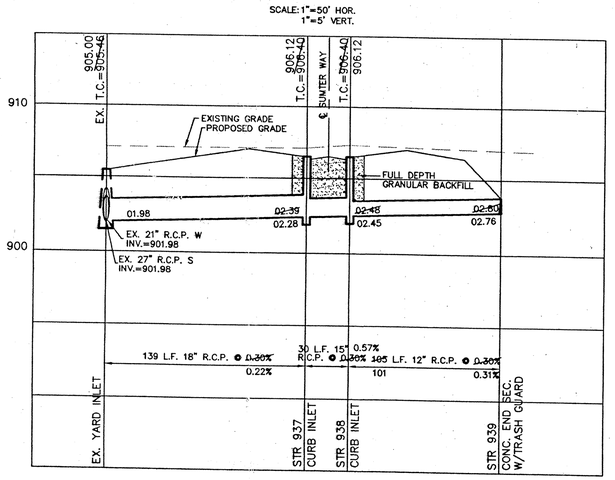

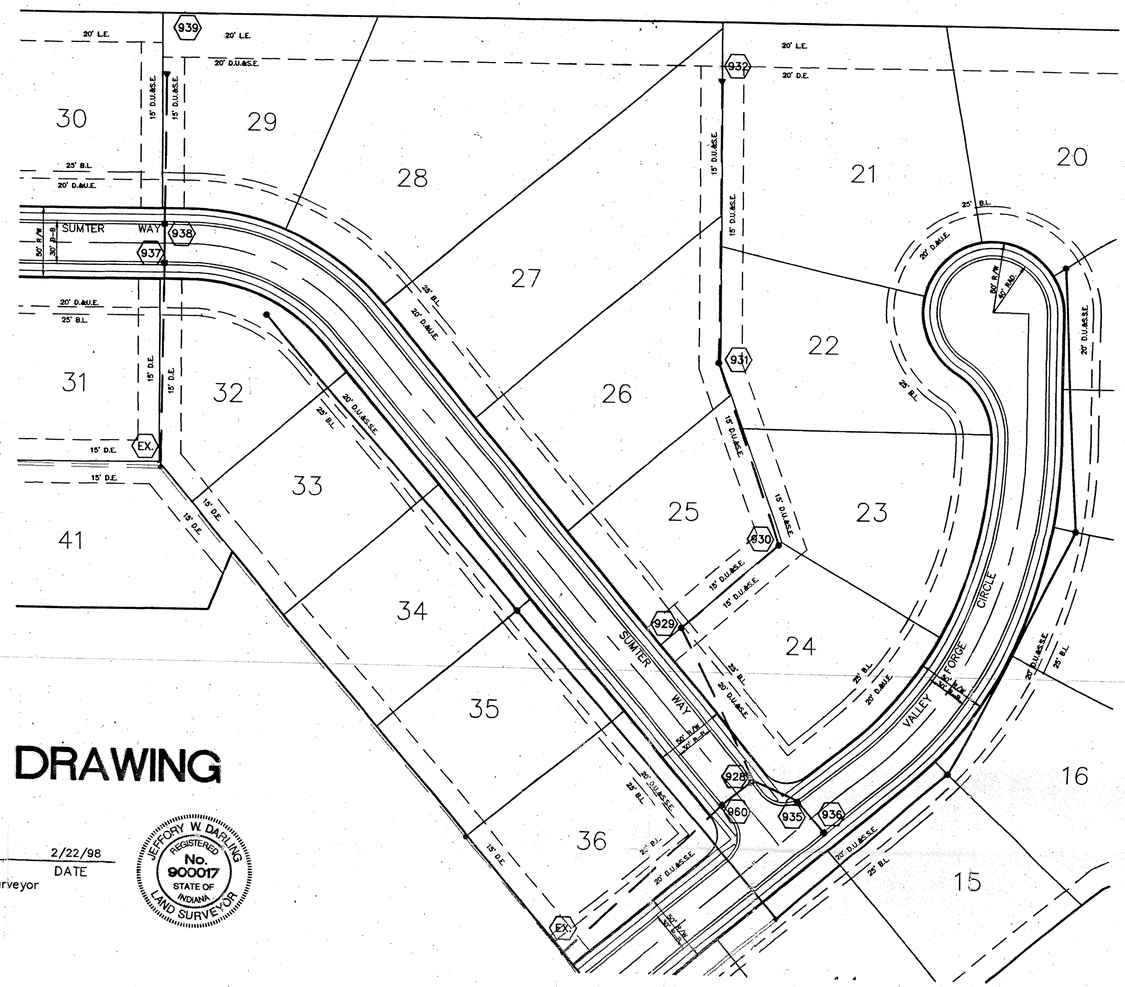

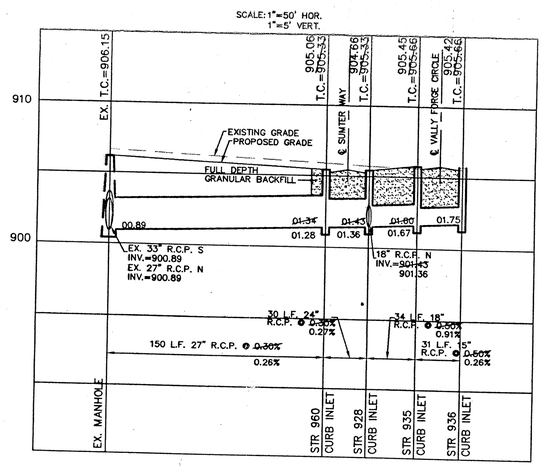

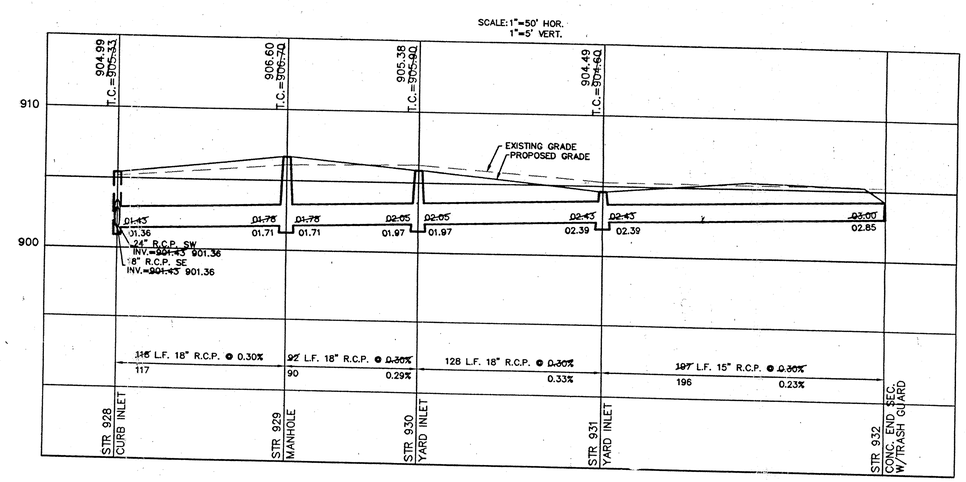

SCALE: 1"= 50'

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Entry Date: 12-4-03

Entered by: JDH

RECORD DRAWING

JEFFORY W. DARLING
Registered Land Surveyor
No. 900017

2/22/98
DATE

JEFFORY W. DARLING REGISTERED No. 900017 STATE OF INDIANA LAND SURVEYOR

DAVID J. STOEPPELWERTH REGISTERED No. 19358 STATE OF INDIANA PROFESSIONAL ENGINEER

MARK	DATE	REVISIONS	BY
	1/21/98	AS-BUILTS	SCS
	3/3/97	REV FOR DCI & TAC COMMENTS	GBR

DWN. BY GBR
CK. BY WAB
SCALE 1"=50' 1"=5'
DATE 2/12/97

CERTIFIED: 2/12/97

CONSULTING ENGINEERS = LAND SURVEYORS
(317) 849-5935 1-800-728-6917 FAX:(317) 849-5942
INDIANAPOLIS INDIANA

STORM SEWER PLAN & PROFILE
WESTON RIDGE SECTION THREE
CARMEL INDIANA

SHEET NO. 11 OF 15 SHEETS
JOB NO. 19584

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