

**Drain:** ORCHARD PARK DRAIN      **Drain #:** 241  
**Improvement/Arm:** ORCHARD ESTATES  
**Operator:** JDH      **Date:** 2-12-04  
**Drain Classification:** Urban/Rural      **Year Installed:** 1989

### GIS Drain Input Checklist

- Pull Source Documents for Scanning JPA 2-12
- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains JPA 2-13
- Digitize & Attribute SSD JPA 2-13
- Digitize & Attribute Open Ditch N/A
- Stamp Plans JPA 2-13
- Sum drain lengths & Validate JPA 2-13
- Enter Improvements into Posse JPA 2-13
- Enter Drain Age into Posse JPA 3-2
- Sum drain length for Watershed in Posse JPA 3-2
- Check Database entries for errors JPA 2-13

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

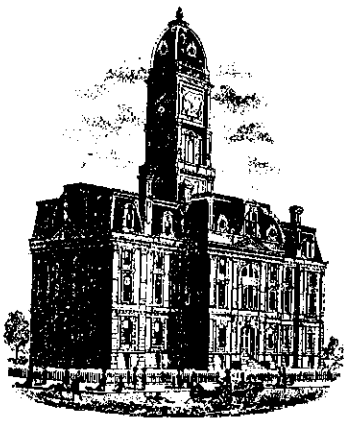
Drain-Improvement: ORCHARD PARK DRAIN - OARCHARD ESTATES

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
SSD	6"	989'	989'	Ø		
RCP	12"	852'	822'	-30'		
	15"	883'	883'	Ø		
	18"	73'	73'	Ø		
TWIN 21"	21"	120'	120'	Ø		
	36"	602'	596'	-6'		

Sum: 3,519    3,483'    -36'

Final Report: \_\_\_\_\_

Comments:  
SR AND AB DISAGREE FOR 12" AND 36" PIPE LENGTHS  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



SURVEYOR'S OFFICE

# Hamilton County

Kenton C. Ward, Surveyor  
776-9626

942 Maple Avenue  
Noblesville, Indiana 46060 February 27, 1990

TO: Hamilton County Drainage Board

RE: Orchard Park Drain--Orchard Crossing Subdivision

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Orchard Park Drain-Orchard Crossing Subdivision.

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 benefitted. The drain will consist of the following:

6" SSD	945ft	Twin 21" RCP	120ft
12" RCP	843ft	36" RCP	602ft
15" RCP	870ft	36" Pipe	30ft
18" RCP	75ft	Open Swale w/12"SSD	495ft

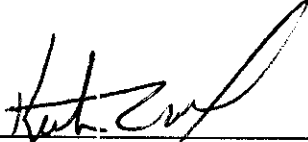
The total length of the drain will be 3,980 feet.

The subsurface drain which will be part of the regulated drain and maintained as such will be the portions as follows: Rear of Lots 14,15 and 19; rear lots 21 and 22. The existing 36" pipe under 106th Street entering Structure 118 (approximately 30') is included as part of the drain. The swale and 12' SSD between the outlet of the 21" RCP's under Westfield Blvd. and Carmel Creek will be included as part of the regulated drain. The outlets and inlet will be maintained as the regulated drain. The maintenance for the detention facility will be the responsibility of the Homeowners. The detention area on Lots 2 and 3 will not be 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 recommend a maintenance assessment of \$35.00 per lot, \$5.00 per acre for roadways, with a \$35.00 minimum. With this assessment the total annual assessment for the drain/this section will be \$ 981.46.

I recommend a hearing be set for May 1990.

KCW/no

  
\_\_\_\_\_  
Kenton C. Ward  
Hamilton County Surveyor

**Irrevocable Letter of Credit**

INB National Bank  
One Indiana Square  
Indianapolis, Indiana 46266



**INB**

Date **April 11, 1990** cw  
Credit Number Advising Bank No.

SWIFT Address: INBI US 44 Telex Number 205615 Phone: 266-6153

INB NO.  
**SB 035118**

Advising Bank

Applicant

Hughey Construction Co., Inc.  
620 S. Range Line Road Bldg I  
Carmel Indiana 46032

Beneficiary

Hamilton County Drainage Board  
942 Maple Avenue  
Noblesville, Indiana 46060

Amount

U.S.D. \$100,000.00

Expiration Date

April 9, 1991

We hereby issue in your favor this irrevocable letter of credit which is available against the following documents:

Drafts drawn at-- sight

on INB National Bank

bearing the clause; "Drawn under irrevocable letter of credit No. **SB 035118**

Other documents:

Special Conditions: Storm Sewer System  
Orchard Crossing Subdivision  
Hamilton County, Indiana

THE INDIANA  
NATIONAL BANK  
1000000000

We hereby engage with  You  drawers and/or bona fide holders that drafts drawn and negotiated in conformity with the terms of this credit will be duly honored on presentation and that drafts accepted within the terms of this credit will be duly honored at maturity.

The amount of each draft must be endorsed on the reverse of this credit by the negotiating bank.

~~The Advising Bank is requested to notify the beneficiary without adding their confirmation.~~

Very truly yours,

*Mary C. Stupp*

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Advising Bank's Notification

Place/date/name/signature of advising bank

Except so far as otherwise expressly stated, this document, credit, is subject to the Uniform Customs and Practice for Documentary Credits (1983 Revision) International Chamber of Commerce (Publication No. 400)

**Amendment**

INB National Bank  
One Indiana Square  
Indianapolis, Indiana 46266



SWIFT Address: INBI US 44 Telex Number 205615 Phone: (317) 266-6153

Date June 15, 1990cw

Amendment To: <b>IRREVOCABLE LETTER OF CREDIT</b>	Credit Number Issuing Bank SB035118	Credit Number Advising Bank
Issuing/Advising Bank	Applicant Hughey Construction Co., Inc. 620 S. Range Line Road Bldg I Carmel Indiana 46032	
Beneficiary Hamilton County Drainage Board 942 Maple Avenue Noblesville Indiana 46060	Original Amount  U.S.D. \$100,000.00	

The Above Mentioned Credit Is Amended As Follows: (Please Be Guided By Instructions Marked X)  
amendment number one

- Expiration Date Extended To
- Latest Shipping Date Extended To
- Amount Increased By
- Description Of Merchandise To Read

*Released*  
*4/9/91*

Other

Subdivision name should read Orchard Estate F/K/A Orchard Crossing.

Except so far as otherwise expressly stated, this documentary credit is subject to the "Uniform Customs and Practice for Documentary Credits (1983 Revision) ICC Publication 400"

If you do not agree with this amendment, notification by mail or cable must be received by us no later than 15 days after the date of this amendment.

<p>This Amendment Is To Be Considered As Part Of The Above Credit And Must Be Attached Thereto:</p> <p><input type="checkbox"/> Confirmation Of Our Telephone Conversation With</p> <p>On _____</p> <p>Yours Faithfully,</p> <p><i>Mary E. Suggs</i> _____ Authorized Signature</p>	<p>Advising Bank Notification:</p>          
---	--

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**Amendment**

INB National Bank  
One Indiana Square  
Indianapolis, Indiana 46266



**INB**

SWIFT Address: INBI US 44 Telex Number 205615 Phone: (317) 266-6153

Date June 15, 1990cw

Amendment To: <b>IRREVOCABLE LETTER OF CREDIT</b>		Credit Number Issuing Bank <b>SB035113</b>	Credit Number Advising Bank
Issuing/Advising Bank		Applicant <b>Hughey Construction Co., Inc. 620 S. Range Line Road Bldg I Carmel Indiana 46032</b>	
Beneficiary <b>Hamilton County Drainage Board 942 Maple Avenue Noblesville Indiana 46060</b>		Original Amount <b>U.S.D. \$100,000.00</b>	

The Above Mentioned Credit is Amended As Follows: (Please Be Guided By Instructions Marked X)  
**amendment number one**

- Expiration Date Extended To
- Latest Shipping Date Extended To
- Amount Increased By
- Description Of Merchandise To Read

Other

**Subdivision name should read Orchard Estate F/K/A Orchard Crossing.**

Except so far as otherwise expressly stated, this documentary credit is subject to the "Uniform Customs and Practices for Documentary Credits (1983 Revision) ICC Publication 400"

If you do not agree with this amendment, notification by mail or cable must be received by us no later than 15 days after the date of this amendment.

This Amendment Is To Be Considered As Part Of The Above Credit And Must Be Attached Thereto:

Confirmation Of Our Telephone Conversation With

On \_\_\_\_\_

Yours Faithfully,

*Mary E. Lipp*  
\_\_\_\_\_  
Authorized Signature

Advising Bank Notification:

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Place, Date, Name And Signature Of Advising Bank



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

June 10, 1997

**Re: Orchard Park Drain - Orchard Estates Arm**

Attached are as-builts, certificate of completion & compliance, and other information for Orchard Estates. 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 February 27, 1990. The changes are as follows:

- Structure 113-114 12" RCP lengthened from 25' feet to 26' feet.
- Structure 108-107 12" RCP lengthened from 25' feet to 26' feet.
- Structure 106-107 was not constructed.
- Structure 107-blind tap was added. This consists of 12" RCP at 14' feet.
- Structure 105-106 36" RCP shortened from 205' feet to 190' feet.
- Structure 106-111 36" RCP lengthened from 120' feet to 125' feet.
- Structure 106-109 12" RCP lengthened from 50' feet to 57' feet.
- Structure 102-103 12" RCP shortened from 30' feet to 29' feet.
- Structure 103-104 12" RCP shortened from 35' feet to 32' feet.
- Structure 131-130 12" RCP lengthened from 30' feet to 38' feet.
- Structure 126-127 15" RCP shortened from 150' feet to 146' feet.
- Structure 127-128 15" RCP lengthened from 30' feet to 38' feet.
- Structure 128-129 12" RCP lengthened from 85' feet to 93' feet.
- Structure 129-130 12" RCP shortened from 98' feet to 86' feet.
- Structure 130-132 12" RCP shortened from 35' feet to 33' feet.
- Structure 121-120 12" RCP lengthened from 30' feet to 38' feet.
- Structure 120-119 12" RCP lengthened from 35' feet to 37' feet.
- Structure 119-117 12" RCP shortened from 60' feet to 52' feet.
- Structure 111-117 36" RCP shortened from 192' feet to 186' feet.
- Structure 117-122 18" RCP shortened from 75' feet to 73' feet.
- Structure 122-123 15" RCP lengthened from 165' feet to 169' feet.



Structure 123-124 15" RCP lengthened from 210' feet to 212' feet.

Structure 124-125 15" RCP lengthened from 30' feet to 33' feet.

The corrected total of 6" SSD is 989 feet. A report was given to the board in a letter dated February 15, 1991 in which a recommendation was made and approved to not regulate the 12" SSD and swale between Carmel Creek and the outlet of the twin 21" RCP under Westfield Blvd. This will decrease the drain length by 495' feet.

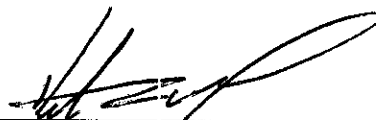
The length of the drain due to the changes described above is now **3,527 feet**.

The non-enforcement was approved by the Board at its meeting on March 18, 1991 and recorded under instrument #9106131.

The bond or letter of credit from INB, number 034855, 034853, & 035118, dated July 11, 1989 and June 15, 1990, in the amount of \$500.00 for monuments, \$100,000.00 for storm sewers and \$100,000.00 for amendment one, has been released or has expired.

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

Sincerely,



---

Kenton C. Ward,  
Hamilton County Surveyor

KCW/slm

STR NO 101 (END SECTION) INV - 796.50	STR NO 102 (CURB INLET) INV - 797.70 (N,S)	STR NO 103 (CURB INLET) TC - 801.00 INV - 798.30 (N,S)	STR NO 104 (BEEHIVE INLET) TC - 801.50 INV - 799.00	STR NO 126 (BEEHIVE) TC - 811.00 INV - 807.53 (N)	STR NO 127 (CURB INLET) TC - 808.61 (N,S) INV - 807.43 (E)	STR NO 128 (CURB INLET) TC - 809.03 (N) INV - 808.78 (S)	STR NO 135 (END SECTION) INV - 795.50
STR NO 105 (END SECTION) INV - 796.50	STR NO 106 (MANHOLE) TC - 801.50 INV - 796.84 (S,E) INV - 797.59 (NE,W)	STR NO 107 (CURB INLET) TC - 800.40 INV - 797.82 (N,W)	STR NO 129 (MANHOLE) TC - 814.80 INV - 809.86 (N,S)	STR NO 130 (CURB INLET) TC - 813.18 INV - 810.68 (N,E) INV - 810.68 (S)	STR NO 131 (CURB INLET) TC - 813.18 INV - 810.78	STR NO 132 (CURB INLET) TC - 813.18 INV - 810.78	STR NO 134 (SPECIAL STORM INLET) TC - 813.18 INV - 795.70 TWN 21' RCP'S
STR NO 108 (CURB INLET) TC - 800.40 INV - 797.90	STR NO 109 (CURB INLET) TC - 800.50 INV - 798.00 (N,E)	STR NO 110 (CURB INLET) TC - 800.95 INV - 798.45	STR NO 132 (CURB INLET) TC - 811.10 INV - 811.10	STR NO 133 (END SECTION) INV - 793.50	STR NO 133 (CURB INLET) TC - 813.18 INV - 810.68 (N,E) INV - 810.68 (S)	STR NO 134 (SPECIAL STORM INLET) TC - 813.18 INV - 795.70 TWN 21' RCP'S	
STR NO 111 (MANHOLE) TC - 804.00 INV - 797.11 (N,S) INV - 798.86 (W)	STR NO 112 (BEEHIVE INLET) TC - 803.00 INV - 799.96 (N) INV - 799.71 (SE)	STR NO 113 (CURB INLET) TC - 801.28 INV - 798.28	EXISTING SAN MH NO 1 TC - 811.61 INV - 806.78 (S)	EXISTING SAN MH NO 2 TC - 811.61 INV - 794.13 (N) INV - 794.22 (S) INV - 795.13 (W) INV - 795.13 (E) T.C.-803.48	STR NO 114 (CURB INLET) TC - 803.00 INV - 800.50	STR NO 115 (CURB INLET) TC - 803.00 INV - 800.50	STR NO 116 (CURB INLET) TC - 803.00 INV - 800.50
STR NO 117 (MANHOLE) TC - 802.20 INV - 797.42 (SE,W) INV - 795.36 (NW) INV - 796.35 (SW)	STR NO 118 (BEEHIVE INLET) TC - 802.80 INV - 798.00 (S) INV - 797.80 (NW)	STR NO 119 (CURB INLET) TC - 803.00 INV - 799.75 (W,S)	SAN MH NO 1 TC - 815.60 INV - 807.49 (N) INV - 807.59 (S) INV - 807.59 (W)	SAN MH NO 2 TC - 821.20 INV - 808.94	STR NO 120 (CURB INLET) TC - 802.58 INV - 799.93 (E)	STR NO 121 (CURB INLET) TC - 802.58 INV - 799.93 (E)	STR NO 122 (BEEHIVE INLET) TC - 803.00 INV - 799.37 (W) INV - 798.52 (NE)
STR NO 123 (BEEHIVE INLET) TC - 806.58 INV - 802.49 (EW)	STR NO 124 (CURB INLET) TC - 806.58 INV - 806.71 (E,W)	STR NO 125 (CURB INLET) TC - 806.58 INV - 807.08 (E,W)	SAN MH NO 3 TC - 814.20 INV - 808.18	SAN MH NO 4 TC - 807.60 INV - 802.00	STR NO 126 (BEEHIVE INLET) TC - 806.58 INV - 802.49 (EW)	STR NO 127 (CURB INLET) TC - 806.58 INV - 806.71 (E,W)	STR NO 128 (CURB INLET) TC - 806.58 INV - 807.08 (E,W)

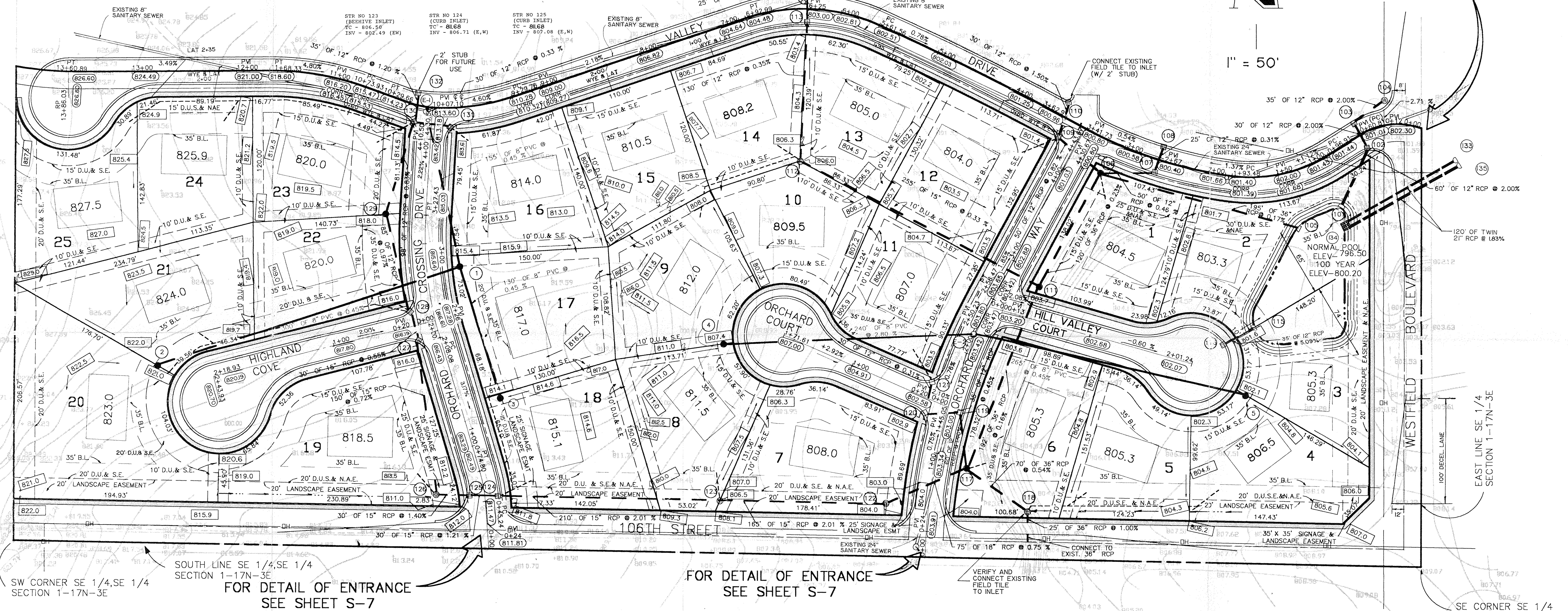
HOLEY MOLEY SAYS  
"DON'T  
DIG  
BLIND"



1-800-382-5544  
CALL TOLL FREE  
1-800-428-5200  
FOR CALLS OUTSIDE OF INDIANA

FOR DETAIL OF ENTRANCE  
SEE SHEET S-6

1" = 50'



SW CORNER SE 1/4, SE 1/4  
SECTION 1-17N-3E  
FOR DETAIL OF ENTRANCE  
SEE SHEET S-7

FOR DETAIL OF ENTRANCE  
SEE SHEET S-7

SE CORNER SE 1/4  
SECTION 1-17N-3E

**GAS**  
Indiana Gas Company  
15900 Allisonville Road  
Noblesville, Indiana 46060  
(317) 773-0430

**WATER**  
Indianapolis Water Company  
1220 Waterway Boulevard  
Indianapolis IN 46220

**TELEPHONE**  
Indiana Bell Telephone Co.  
220 North Meridian Street  
Indianapolis, Indiana 46220  
252-5878 or 1-800-382-5444

**ELECTRIC**  
Public Service Indiana  
1441 N. Guilford Avenue  
Carmel IN 46032  
(317) 846-2595

Utility Hotline: within Indiana 1-800-382-5544  
outside Indiana 1-800-428-5200

**STORM SEWER**  
Hamilton County Surveyor  
Hamilton County Courthouse  
Noblesville, Indiana 46060  
(317) 886-9626

**STREETS**  
Hamilton County Highway Department  
1711 East Pleasant  
Noblesville, Indiana 46060

**CABLE TV**  
Jones Intercable  
516 East Carmel Drive  
Carmel, Indiana 46032  
(317) 844-8877

**SANITARY SEWER**  
Clay Township Regional Waste District  
10735 North College Avenue  
Indianapolis, Indiana 46280  
(317) 844-9200

- GENERAL NOTES:**
- ALL GRADES AT BOUNDARY SHALL MEET EXISTING GRADES.
  - IT SHALL BE THE RESPONSIBILITY OF EACH SUBCONTRACTOR TO VERIFY ALL EXISTING UTILITIES AND CONDITIONS PERTAINING TO HIS PHASE OF WORK. HE SHALL ALSO BE THE RESPONSIBILITY TO CONTACT THE OWNERS OF THE VARIOUS UTILITIES FOR PROPER STAKE LOCATION OF EACH UTILITY BEFORE WORK IS STARTED. THE SUBCONTRACTOR SHALL NOTIFY IN WRITING THE OWNER/ENGINEER OF ANY CHANGES, OMISSIONS OR ERRORS FOUND AT THE SITE OR IN FIELD BEFORE WORK IS STARTED OR RESUMED.
  - STANDARD SPECIFICATIONS FOR THE CITY OF CARMEL, INDIANA SHALL APPLY FOR ALL STORM SEWERS.
  - ANY PART OF THE STORM SEWER TRENCHES RUNNING UNDER PAVED AREAS TO BE BACKFILLED WITH GRANULAR MATERIAL.
  - THE SIZE AND LOCATION OF EXISTING UTILITIES SHOWN ARE PER INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES. ALL UTILITY COMPANIES SHOULD BE NOTIFIED PRIOR TO ANY EXCAVATION FOR FIELD LOCATION OF SERVICES.
  - SERVICE WALKS SHALL OF NON-REINFORCED CONCRETE 4" THICK AND 4' IN WIDTH.
  - TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
  - ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
  - EXPANSION JOINTS ARE TO BE PLACED AT ALL WALK INTERSECTIONS AND BETWEEN WALKS AND PLATFORMS. SIDEWALK SCORES ARE TO BE EQUALLY SPACED BETWEEN EXPANSION JOINTS. CONTRACTION JOINTS AND PERPENDICULAR SIDEWALKS AT INTERVALS SHALL BE PLACED WITH A CONTRACTION JOINT EVERY 20' OR LESS.
  - 4" CONCRETE SERVICE WALK ACROSS FRONTAGE OF EACH LOT TO BE CONSTRUCTED BY OTHERS.

**BENCH MARK**  
BM STANDARD DISK, STAMPED "Y 4Z 1934", TOP NE CORNER CONCRETE SWITCH BASE, 150' ± SOUTH OF 111 TH STREET 20' ± EAST OF LOUISVILLE AND NASHVILLE RAILROAD. ELEVATION 839.03  
TBM BRASS PLUG 9" DOWN, @ @ 106 TH STREET & WESTFIELD BOULEVARD.

HAMILTON COUNTY INDIANA

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

Entry Date: 2-13-04

Entered by: JPH

REVISIONS

NO.	DATE	CHECKED BY	DATE	CHECKED BY
1	1/25/04	JPH		
2	1/25/04	JPH		
3	1/25/04	JPH		

DRAWN BY: JPH  
DATE: 1/25/04

PROJECT: ORCHARD CROSSING  
PREPARED FOR: WESTFIELD DEVELOPMENT CO.  
TITLE: DEVELOPMENT PLAN

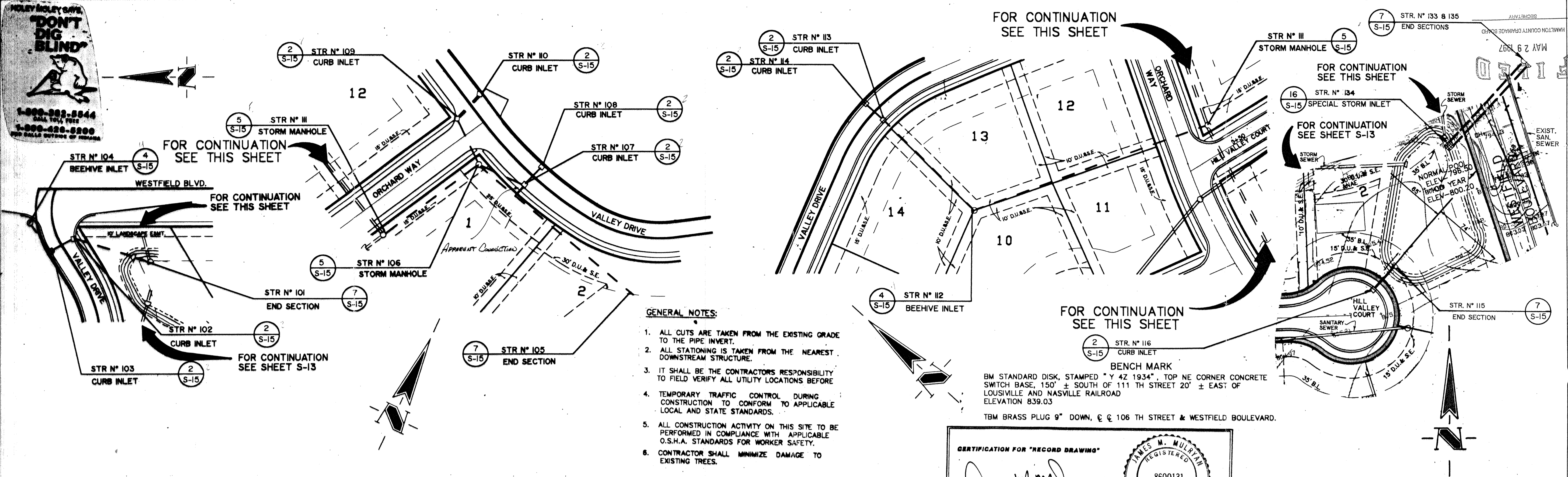
SCALE: 1" = 50'

SHEET 54 OF 18

PREPARED BY: SCHNEIDER ENGINEERING CORPORATION  
3020 NORTH POST ROAD  
INDIANAPOLIS, INDIANA 46226-6518  
(317) 894-8282  
P.O. BOX 26068

CERTIFIED

civil engineers  
land surveyors



- GENERAL NOTES:**
1. ALL CUTS ARE TAKEN FROM THE EXISTING GRADE TO THE PIPE INVERT.
  2. ALL STATIONING IS TAKEN FROM THE NEAREST DOWNSTREAM STRUCTURE.
  3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE.
  4. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
  5. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
  6. CONTRACTOR SHALL MINIMIZE DAMAGE TO EXISTING TREES.

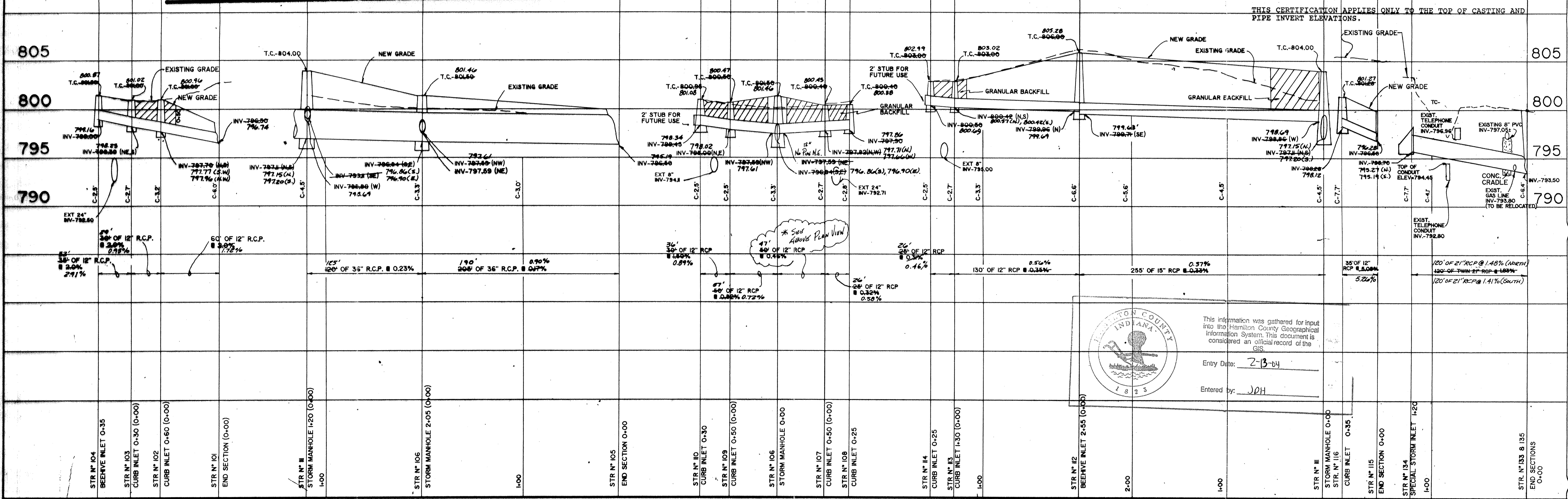
CERTIFICATION FOR "RECORD DRAWING"

*James M. Mulvan*  
REGISTERED INDIANA LAND SURVEYOR  
8600131

# STORM SEWER RECORD DRAWING

# STORM SEWER PLAN

SCALE: 1" = 50'



# STORM SEWER PROFILE

SCALE: HORIZ.: 1" = 50'  
VERT.: 1" = 5'

REVISIONS

NO.	DATE	CHECK NO.	BY	DATE	CHECK
1	02/12/04	7	JPH	02/12/04	RECORDED

PROJECT: ORCHARD CROSSING  
PREPARED FOR: WESTFIELD DEVELOPMENT CO., INC.  
TITLE: STORM SEWER PLANS

JOB NO. 710  
SCALE: AS NOTED

SCHNEIDER ENGINEERING CORPORATION  
3020 NORTH POST ROAD  
INDIANAPOLIS, INDIANA 46226-6516  
(317) 898-8282  
civil engineers  
land surveyors

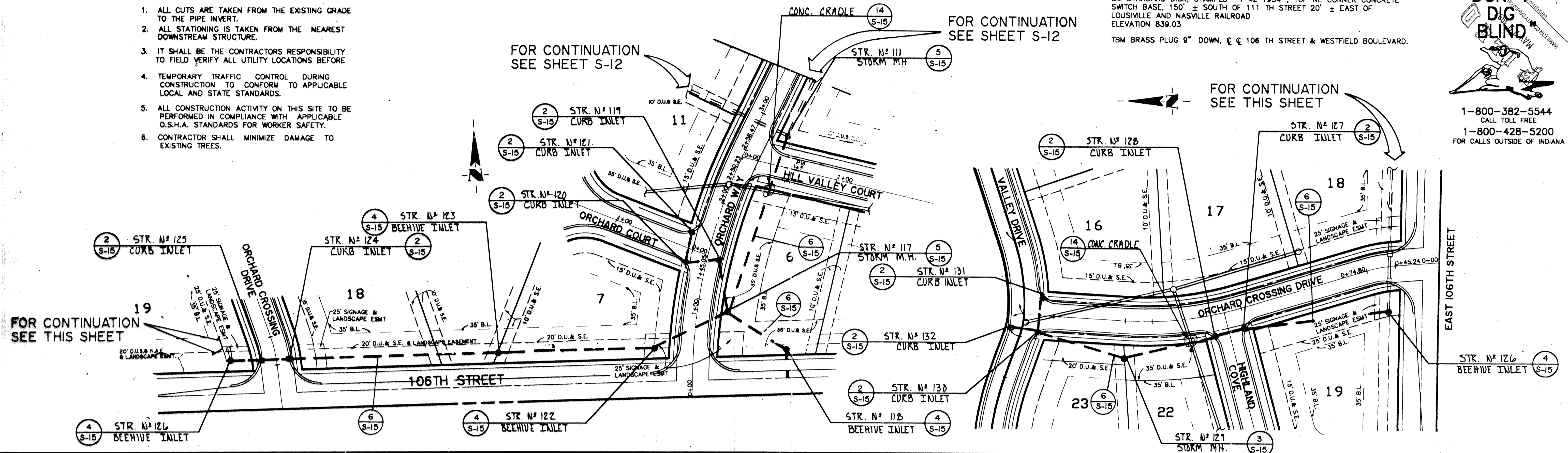
SHEET OF S-12  
18

**GENERAL NOTES:**

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2. ALL STATIONING IS TAKEN FROM THE NEAREST DOWNSTREAM STRUCTURE.
3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE.
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 TBM BRASS PLUG 9" DOWN, @ 106 TH STREET & WESTFIELD BOULEVARD.

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**"DON'T DIG BLIND"**  
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 FOR CALLS OUTSIDE OF INDIANA



**STORM SEWER PLAN**

**STORM SEWER RECORD DRAWING**

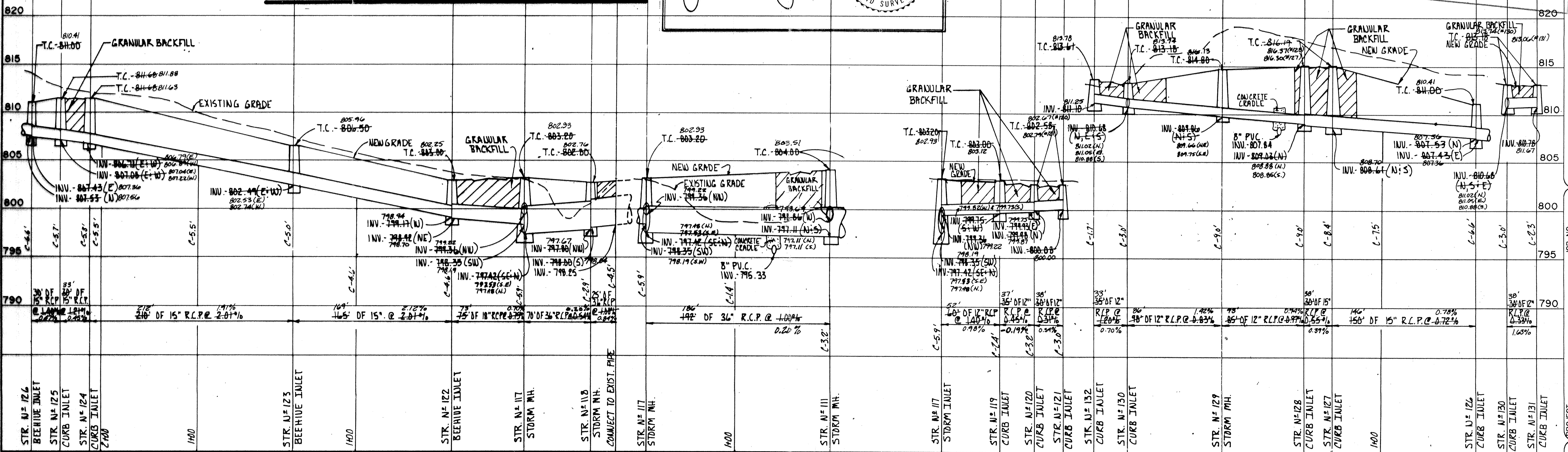
**CERTIFICATION FOR "RECORD DRAWING"**

THIS CERTIFICATION APPLIES ONLY TO THE TOP OF CASTING AND PIPE INVERT ELEVATIONS.

CERTIFIED BY: *James M. Mulvaney*

JAMES M. MULVANEY  
 REGISTERED  
 8600131  
 INDIANA  
 LAND SURVEYOR

Entry Date: 2-13-04  
 Entered by: JMH



**STORM SEWER PROFILE**

SCALE: HORIZ.: 1" = 50'  
 VERT.: 1" = 5'

REVISIONS

NO.	DATE	CHECK NO.	BY	DATE	CHECK

DRAWN BY: JMH  
 CHECKED BY: JMH  
 DATE: 2-13-04

SCHEIDT ENGINEERING CORPORATION  
 3020 NORTH POST ROAD  
 INDIANAPOLIS, INDIANA 46226-6518  
 (317) 896-8282  
 civil engineers  
 land surveyors

PROJECT: ORCHARD CROSSING  
 PREPARED FOR: WESTFIELD DEVELOPMENT CO., INC.  
 TITLE: STORM SEWER PLANS

JOB NO. 710  
 SCALE: AS NOTED

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