

Drain: RESERVE AT SPRINGMILL DRAIN **Drain #:** 273
Improvement/Arm: RESERVE AT SPRINGMILL - SECTION 4
Operator: JDH **Date:** 2-23-04
Drain Classification: Urban/Rural **Year Installed:** 1994

GIS Drain Input Checklist

- Pull Source Documents for Scanning JJA 2-23
- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains JJA 2-23
- Digitize & Attribute SSD JJA 2-23
- Digitize & Attribute Open Ditch N/A
- Stamp Plans JJA 2-23
- Sum drain lengths & Validate JJA 2-24
- Enter Improvements into Posse JJA 2-24
- Enter Drain Age into Posse JJA 3-1
- Sum drain length for Watershed in Posse JJA 3-1
- Check Database entries for errors JJA 2-24

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

Drain-Improvement: RESERVE AT SPRINGMILL - RESERVE AT SPRINGMILL - SECTION 1

Drain Type:	Size:	Length <small>SURVEYOR'S REPORT</small>	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
SSO	6"	4,734'	4,734'	Ø		
RCP	12"	784'	782.2'	-1.8'		
	15"	828'	829.1'	+1.1'		
	18"	118'	124.8'	+6.8'		
	24"	396'	394.4'	-1.6'		
SSO	10"	300'	Ø	-300'		
OPEN DITCH		Ø	300'	+300'		

Sum: 7,160' 7,164.5' +1.5'

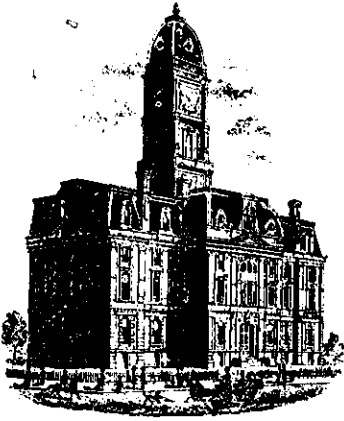
Final Report: _____

Comments:

SR AND AB DISAGREE ON 12", 15", 18", AND 24" LENGTHS

300' OF 10" SSO NOT PLACED IN SEC 2 OR 2 (SEE BELOW)

OPEN DITCH - SEE SR (SECTION 2, DATED 2-5-96) FOR EXPLANATION



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square

Noblesville, Indiana 46060-2230

November 30, 1994

TO: Hamilton County Drainage Board

RE: The Reserve @ Springmill Drain-Section 1 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary, and assessment roll for the The Reserves @ Springmill Drain, Section 1 Arm. 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	4108 feet	15"	RCP	384 feet
10"	SSD	300 feet	18"	RCP	562 feet
12"	RCP	749 feet	24"	RCP	394 feet

The total length of the drain will be 6,497 feet.

The retention pond (lake) located in the common areas is not to be considered part of the regulated drain. Only the inlet and outlet will be maintained as part of the regulated drain. The maintenance of the pond (lake) will be the responsibility of the Homeowners Association. The Board will however, retain jurisdiction for ensuring the storage volume for which the lake was designed will be retained. Thereby, allowing no fill or easement encroachments.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs and those main lines between lots or in rear yards. Only the main SSD lines which are located within the right of way are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain. The portion of the SSD which will be regulated other than those under curbs are as follows: Rear of Lots 34 to 37.

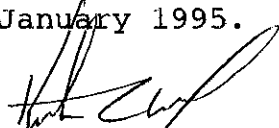
I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$30.00 per lot, \$5.00 per acre for roadways, with a \$30.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$ 1357.50

Parcels assessed for this drain may be assessed for the Osborn-Collins or Williams Creek Drain at sometime in the future.

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 The Reserve @ Springmill-Section 1 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for January 1995.



Kenton C. Ward
Hamilton County Surveyor
KCW/no

STANDBY LETTER OF CREDIT

Letter of Credit No: 44301

Date: June 1, 1994

BENEFICIARY

FOR ACCOUNT OF

HAMILTON COUNTY BOARD OF
COMMISSIONERS
One Hamilton County Square
Noblesville, IN 46060

THE RESERVE AT SPRING MILL, L.P.
P.O. Box 554
Carmel, IN 46032

We hereby establish our Irrevocable Letter of Credit in your favor, for the account indicated above, for the sum or sums not exceeding an aggregate amount of USD94,808.80 (Ninety Four Thousand Eight Hundred Eight and 80/100 U.S.Dollars).

Funds are available by your draft(s) at sight drawn on National City Bank, Indiana Indianapolis, Indiana.

Drafts are to be accompanied by:

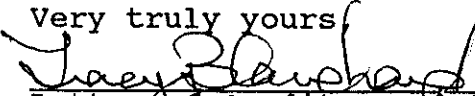
1. The original of this Letter of Credit No. 44301
2. Beneficiary's certificate stating that "The Reserve at Spring Mill, L.P. has failed to complete erosion control (\$4,168.80), storm sewer and subsurface drains (\$87,000) and/or monuments and markers (\$3,640) in The Reserve at Spring Mill, Section 1".

All drafts drawn under this Letter of Credit are to be endorsed hereon and shall bear the clause: "Drawn under National City Bank, Indiana Indianapolis, Indiana Letter of Credit No. 44301" and must be drawn and presented at this office on or before June 1, 1995.

We hereby agree with drawers, endorsers and bona fide holders of drafts drawn under and in compliance with the terms of this Letter of Credit will be duly honored upon proper presentation.

Except as otherwise expressly stated herein, this credit is subject to the Uniform Customs and Practice for Documentary Credits (1993 Revision), International Chamber of Commerce, Publication No.500.

Very truly yours


Tracy Blanchard
Letter of Credit Specialist II


Vicki S. Chappell
Trade Finance Officer

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE:

I hereby certify that:

- 1.) I am a Registered 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, and
- 4.) To the best of my knowledge, information and belief, the Drainage Facilities within the subdivision has been installed and completed in conformity with all plans and specifications.

Signature: *Paul C. Claire* Date: 11/8/94

Type or Printed Name: Paul C Claire, P.E.

Business Address: Schneider Engineering Corporation
3020 N. Post Rd., Indpls., IN 46226

Telephone: (317) 898-8282

INDIANA REGISTRATION NUMBER

890267

SEAL





SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square

Noblesville, Indiana 46060-2230

~~January 4, 1996~~

TO: Hamilton County Drainage Board

RE: Reserve at Springmill Drain-Section 1

Attached are as-builts, certificate of completion and compliance, and other information for Reserve at Springmill-Section 1. 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 October 30, 1994. The changes are as follows:

The 6" SSD was incorrectly noted on the original report. The correct total of 6" SSD is 4,734 feet. STR 132 to 130 was incorrectly noted as an 18" RCP at 159 feet. STR 132 to 130 consist of 15" RCP at 158 feet. STR 128 to 130 was incorrectly noted as 18" RCP at 285 feet. STR 128 to 130 consists of 15" RCP at 286 feet. STR 127 to 128 consist of 18" RCP, which was lengthened from 60 feet to 63 feet. STR 132-133 consist of 15" RCP which was lengthened from 159 feet to 161 feet. STR 133 to 135 consists of 12" RCP which was lengthened from 10 feet to 11 feet. STR 133 to 134 consists of 12" RCP which was lengthened from 30 feet to 32 feet. STR 129 to 128 consists of 12" RCP which was lengthened from 30 feet to 31 feet. STR 123 to 124 consists of 12" RCP which was lengthened from 45 feet to 46 feet. STR 125 to 126 consists of 12" RCP which was lengthened from 45 feet to 46 feet. STR 110-111 consists of 24" RCP which was lengthened from 340 feet to 341 feet. STR 112 to 113 consists of 18" RCP which was shortened from 64 feet to 61 feet. STR 113 to 114 consists of 15" RCP which was shortened from 225 feet to 223 feet. STR 116 to 117 consists of 12" RCP which was lengthened from 149 feet to 151 feet. STR 117 to 119 consists of 12" RCP which was lengthened from 47 feet to 49 feet. STR 114 to 115 consists of 12" RCP which was lengthened from 47 feet to 49 feet. STR 120 to 121 consists of 12" RCP which was lengthened from 85 feet to 108 feet. Str 111 to 112 consists of 24" RCP which was lengthened from 53 feet to 54 feet.

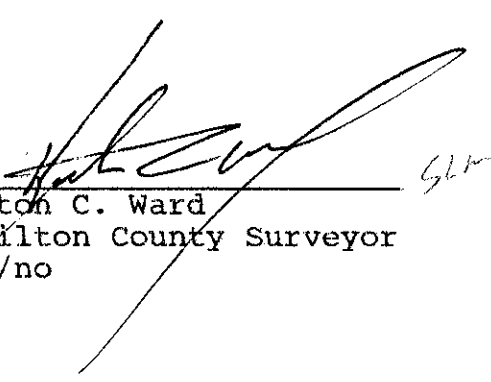
page #2

The length of the drain due to the changes described above is now 7,144 feet.

The non-enforcement request was approved by the Board at its meeting on January 23, 1994.

The Bond of Letter of Credit from National City Bank, number #44301, dated June 1, 1994, in the amount of \$94,808.80, has been released.

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



_____ *SLW*
Kenton C. Ward
Hamilton County Surveyor
KCW/no

THE RESERVE AT SPRINGMILL

SECTION 1

(CONSTRUCTION PLANS)

HAMILTON COUNTY CARMEL, INDIANA

DEVELOPER:

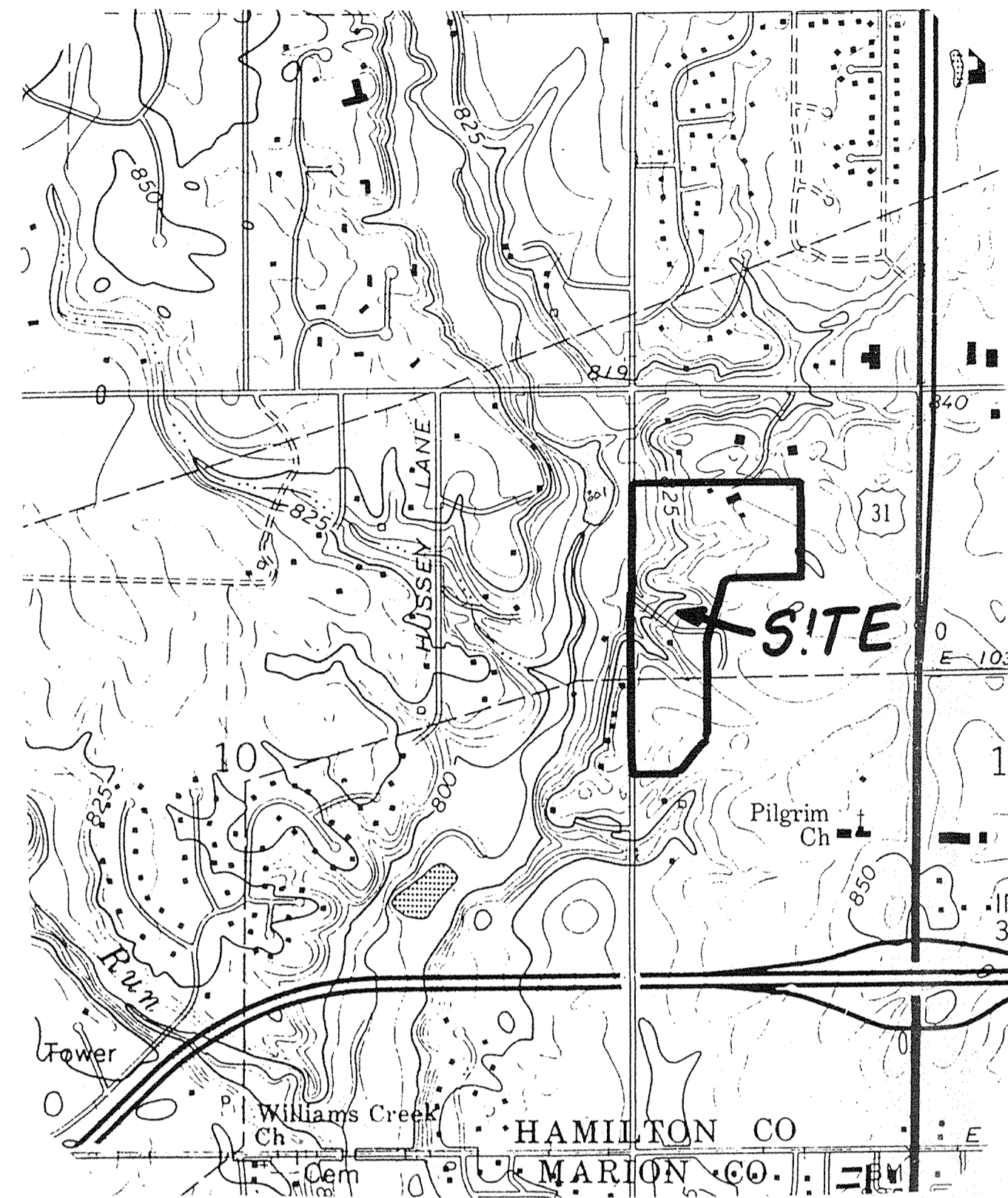
PITTMAN PARTNERS

810 PEBBLEBROOK PLACE
NOBLESVILLE, INDIANA 46060
(317) 867-0756

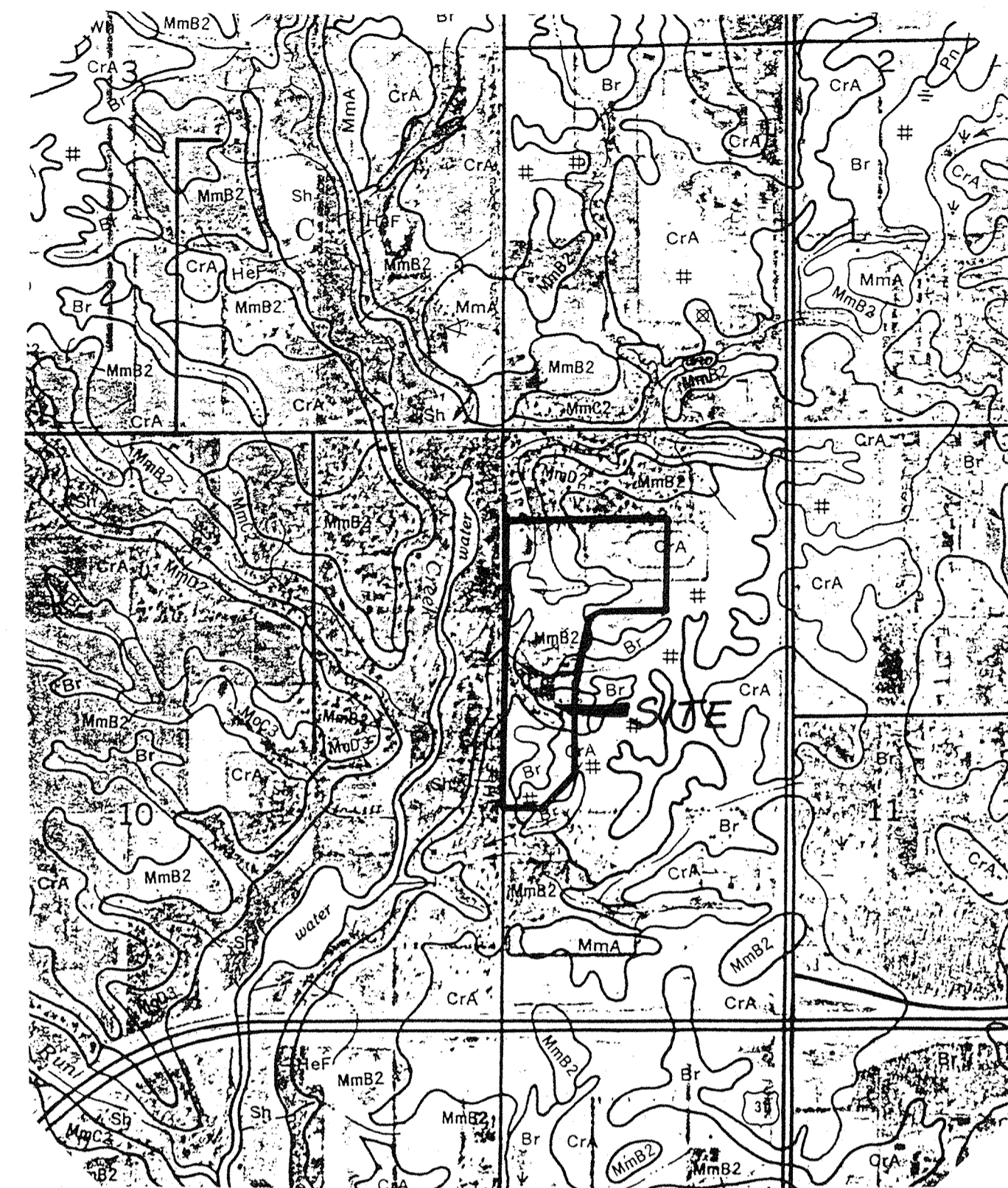
ENGINEER:

SCHNEIDER ENGINEERING CORP.

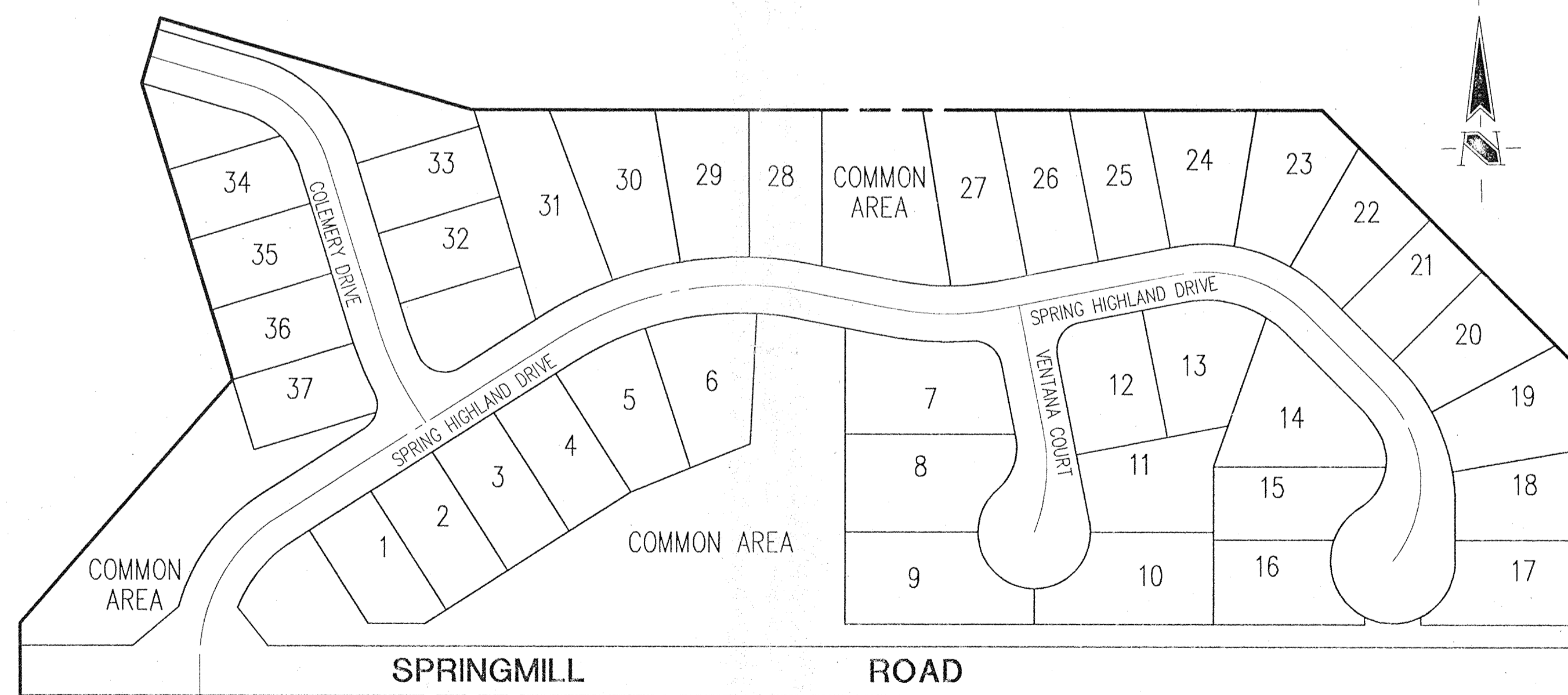
3020 NORTH POST ROAD
INDIANAPOLIS, INDIANA 46226
(317) 898-8282 FAX (317) 899-8010



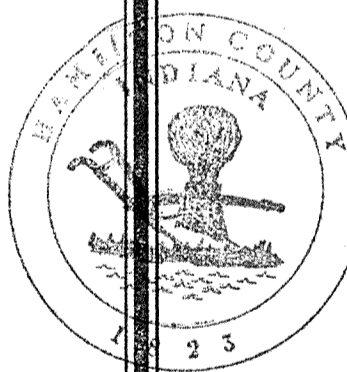
AREA MAP
NOT TO SCALE



SOILS MAP
NOT TO SCALE



SITE MAP
1"=100'


 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: 2-23-04
 Entered by: JDH

INDEX	
SHEET No.	DESCRIPTION
S-1	TITLE SHEET
S-2	TOPOGRAPHY
S-3	DEVELOPMENT PLAN
S-4	EROSION CONTROL PLAN
S-5	ENTRANCE PLAN
S-6, S-7	STREET PLANS
S-8, S-9	SANITARY SEWER PLANS
S-10, S-11	STORM SEWER PLANS
S-13	GENERAL DETAILS
S-14	SPECIFICATIONS



Schneider Engineering Corporation
 PROFESSIONAL ENGINEERS—LAND SURVEYORS—LAND PLANNERS—GEOLOGISTS
 INDIANAPOLIS AVON
 3020 NORTH POST ROAD 6845 EAST U.S. 36, SUITE 500
 INDIANAPOLIS, INDIANA 46226-6518 DANVILLE, INDIANA 46122
 Telephone (317) 898-8282 FAX (317) 899-8010 Telephone (317) 272-0108 FAX (317) 272-0412

FILED
 NOV 09 1994
 OFFICE OF HAMILTON COUNTY SURVEYOR

PROJECT ENGINEER: _____
 CHECKED BY: _____ DATE CHECKED: _____

(JOB No. 897.01)

**STORM SEWER
RECORD DRAWING**

HOLEY MOLEY SAYS

"DON'T DIG BLIND"

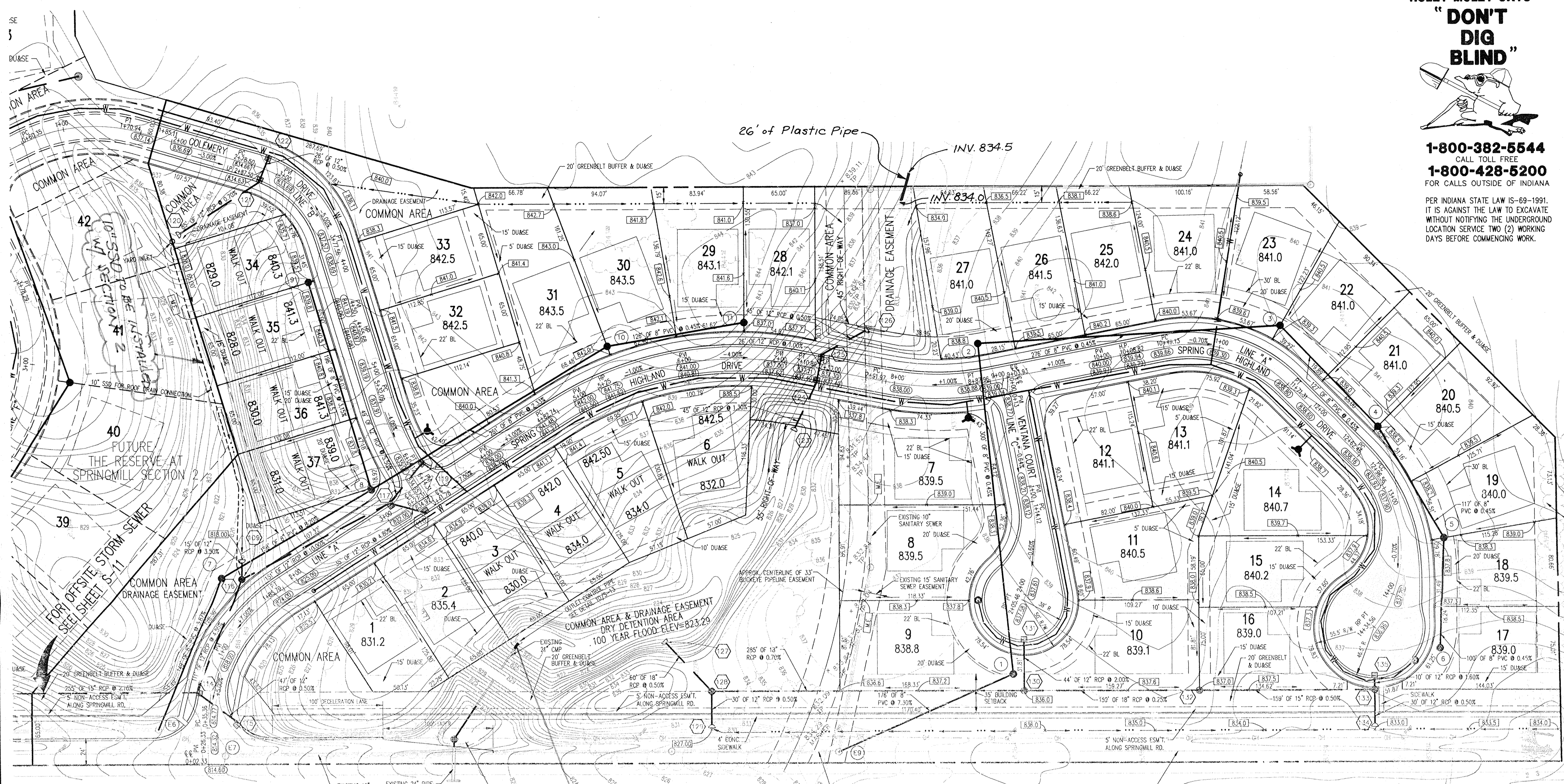


1-800-382-5544 CALL TOLL FREE 1-800-428-5200 FOR CALLS OUTSIDE OF INDIANA

PER INDIANA STATE LAW IS-69-1991. IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

ASSUMED NORTH SCALE: 1"=50'

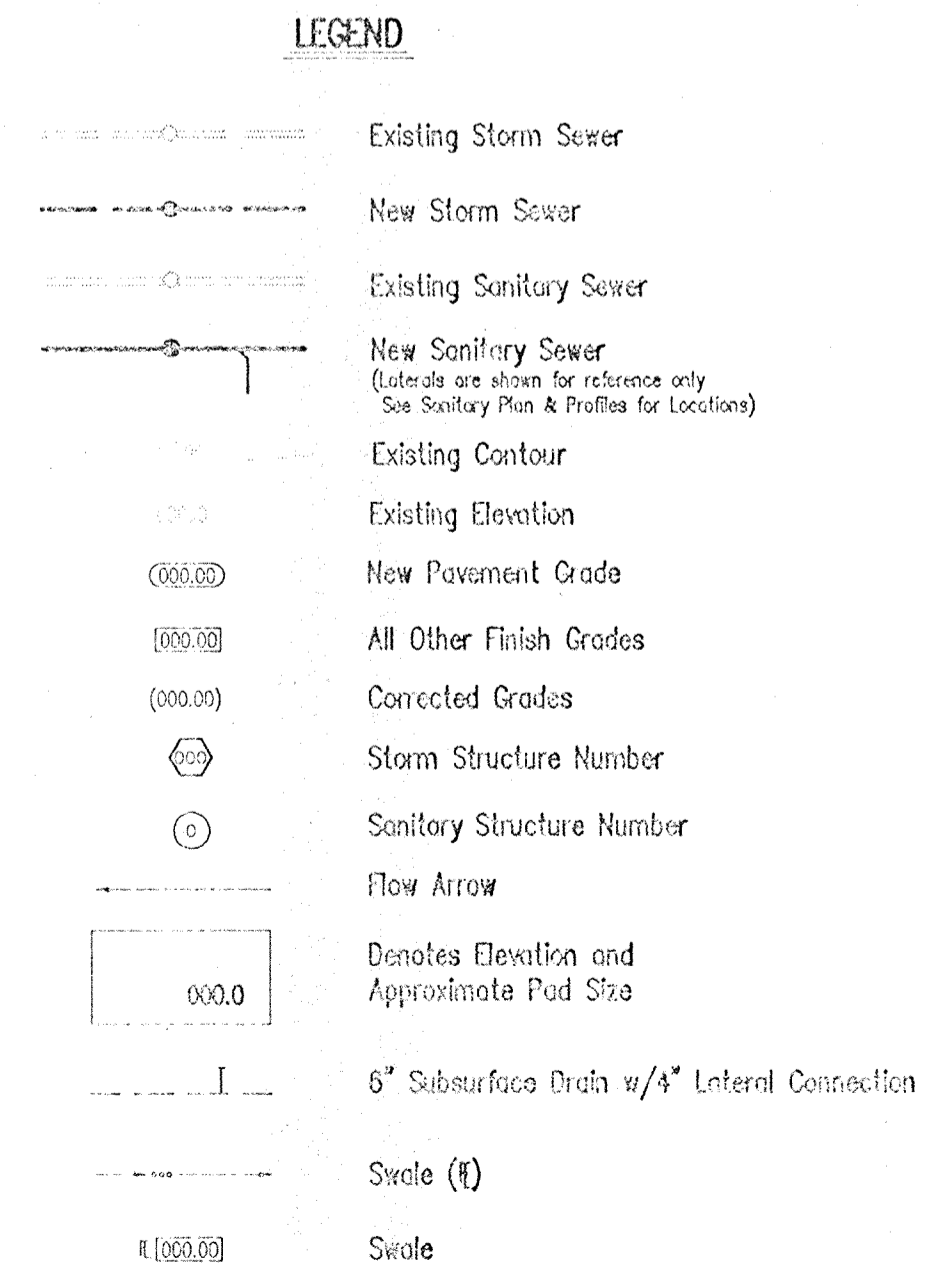
STORM SEWER RECORD DRAWING



BENCH MARK INFO. TBM TOP OF CASTING OF EXISTING SANITARY MANHOLE No. 4, EAST SIDE OF SPRINGMILL RD. ELEV.-807.85 TBM 1 TOP OF CASTING OF EXISTING SANITARY MANHOLE No. 11, EAST PROPERTY LINE ELEV.-839.49

Entry Date: 2-23-04 Entered by: JAH

- GENERAL NOTES: 1. ALL GRADES AT BOUNDARY SHALL MEET EXISTING GRADES. 2. IT SHALL BE THE RESPONSIBILITY OF EACH SUBCONTRACTOR TO VERIFY ALL EXISTING UTILITIES AND CONDITIONS PERTAINING TO HIS PHASE OF WORK...



OUTLET CONTROL 4" of 12" PIPE

- GAS: INDIANA GAS COMPANY, 15900 ALI-SPRINGVILLE ROAD, NOBLESVILLE, IN 46060 (317) 773-6490. TELEPHONE: HAMILTON COUNTY SURVEYOR, ONE HAMILTON COUNTY SQUARE, INDIANAPOLIS, IN 46204 (317) 252-5878. CABLE TV: HAMILTON COUNTY HIGHWAY DEPARTMENT, 1171 PULASKI STREET, INDIANAPOLIS, IN 46204 (317) 273-7770. WATER: CLAY TOWNSHIP REGIONAL WASTE DISTRICT, 10755 NORTH COLLEGE AVENUE, INDIANAPOLIS, IN 46226 (317) 263-8572. UTILITY HOTLINES: WITHIN INDIANA 1-800-382-5544, OUTSIDE INDIANA 1-800-428-5200.

Table with 6 columns: STR #, STA BASELINE, OFFSET LT/RT, TYPE, IC, INVERTS. Lists manhole and structure data.

* - DENOTES STRUCTURES LOCATED BY THE EXTENSION OF LINE "A" ** - DENOTES STRUCTURES LOCATED BY THE EXTENSION OF LINE "B" *** - DENOTES STRUCTURES LOCATED BY THE EXTENSION OF LINE "C"

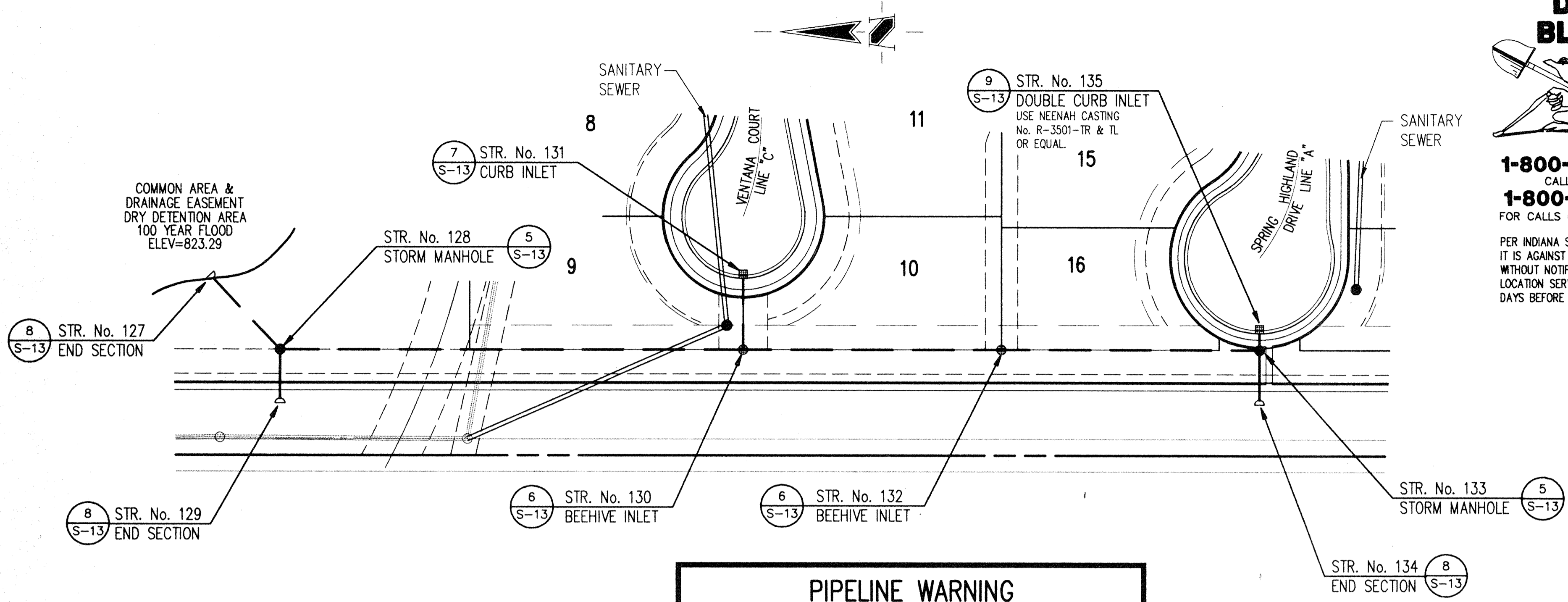
PIPELINE WARNING CONTRACTOR SHALL NOT WORK WITHIN THE BUCKEYE PIPELINE EASEMENT PRIOR TO NOTIFYING THE PIPELINE COMPANY AT LEAST 48 HOURS IN ADVANCE.

Table with 6 columns: STR #, STA BASELINE, OFFSET LT/RT, TYPE, IC, INVERTS. Lists manhole and structure data.

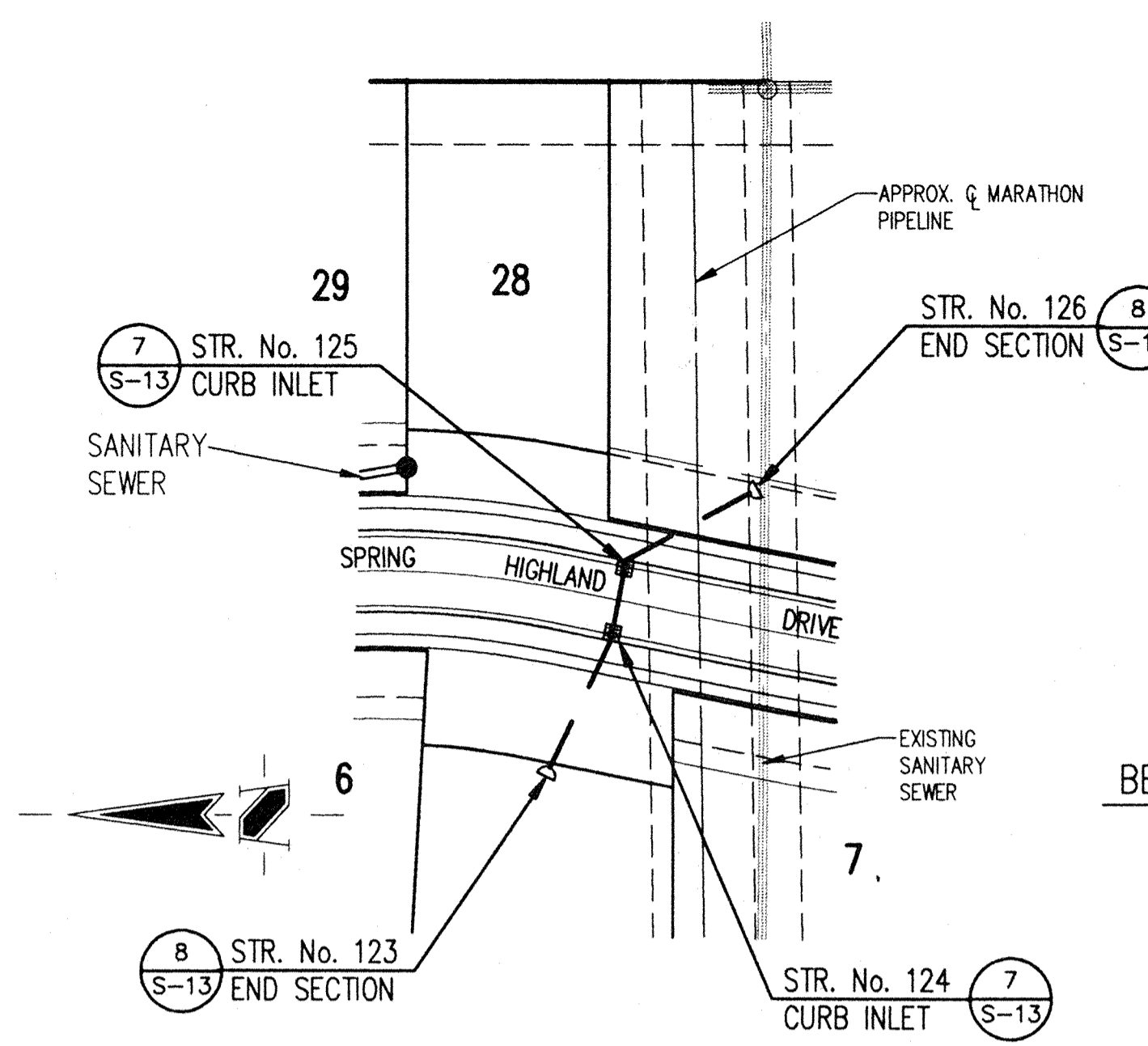
REVISIONS table with columns: DRAWN, CHECK, NO., BY, DATE.

SCHNEIDER ENGINEERING CORPORATION and Planners, Geologists, Land Surveyors, Engineers. 6845 EAST US 36, SUITE 500, DANVILLE, INDIANA 46228-6518. Telephone (317) 272-0108. Fax (317) 272-0412.

PROJECT: THE RESERVE AT SPRINGMILL SECTION 1. PREPARED FOR: PITTMAN PARTNERS. TITLE: DEVELOPMENT PLAN. SCALE: AS NOTED. FILED NOV 09 1994 OF S-3 OFFICE OF HAMILTON COUNTY SURVEYOR.



HOLEY MOLEY SAYS
"DON'T DIG BLIND"
 CALL TOLL FREE
1-800-382-5544
1-800-428-5200
 FOR CALLS OUTSIDE OF INDIANA
 PER INDIANA STATE LAW IS-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.



- GENERAL NOTES:**
- ALL CUTS ARE TAKEN FROM THE EXISTING GRADE TO THE PIPE INVERT.
 - ALL STATIONING IS TAKEN FROM THE NEAREST DOWNSTREAM STRUCTURE.
 - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
 - 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.
 - CONTRACTOR SHALL MINIMIZE DAMAGE TO EXISTING TREES.
 - FOR STATION AND OFFSETS OF STRUCTURES SEE DEVELOPMENT PLAN.

BENCH MARK INFO.

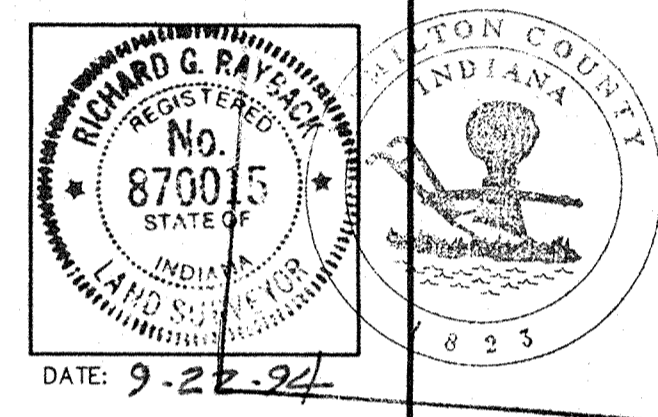
TBM TOP OF CASTING OF EXISTING SANITARY MANHOLE No. 4, EAST SIDE OF SPRINGMILL RD. ELEV.-807.85

TBM 1 TOP OF CASTING OF EXISTING SANITARY MANHOLE No. 11, EAST PROPERTY LINE ELEV.-839.49

PIPELINE WARNING
 CONTRACTOR SHALL NOT WORK WITHIN THE BUCKEYE PIPELINE EASEMENT PRIOR TO NOTIFYING THE PIPELINE COMPANY AT LEAST 48 HOURS IN ADVANCE.

CERTIFICATION FOR "RECORD DRAWING"
 CERTIFIED BY: *Richard J. Raylock*
 SCHNEIDER ENGINEERING CORPORATION
 3020 NORTH POST ROAD
 INDIANAPOLIS, INDIANA 46226-6518
 P.O. BOX 26068 (317) 898-8282

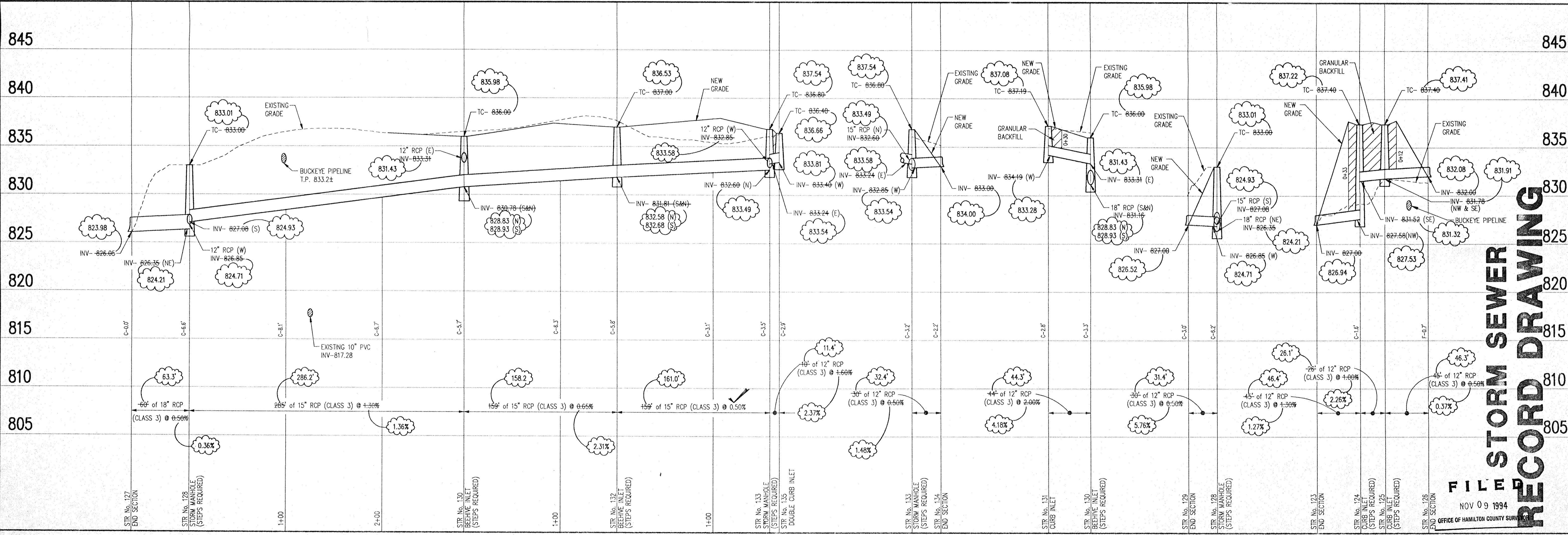
NOTE: Record drawing certification only for top of casting, invert elevations and lengths of pipe. Slope percentage represents a calculated figure and is for general information only.



Entry Date: 2-23-04
 Entered by: JDH

STORM SEWER PLAN

SCALE: 1"=50'



STORM SEWER PROFILE

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

FILED RECORD DRAWING
 NOV 09 1994
 OFFICE OF HAMILTON COUNTY SURVEYOR

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	7/7/94	DWM	REVISED FOR 132, OTHER INVERTS, ADD NOTE TO 135 & REV ROW @ LOTS 6-7, & 27-28
2	5/22/94	DWM	ADD OF IN PLANS & STEP NOTES
3	5/22/94	DWM	STORM SEWER RECORD DWM

PROJECT: THE RESERVE AT SPRINGMILL SECTION 1
JOB NO.: 897.01
PREPARED FOR: PITTMAN PARTNERS
TITLE: STORM SEWER PLANS

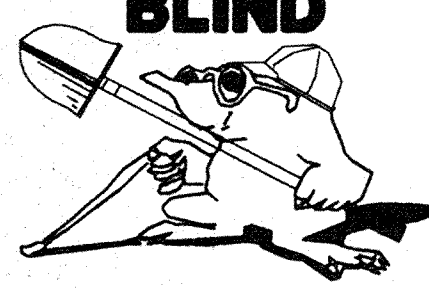
SCALE: AS NOTED

SCHNEIDER ENGINEERING CORPORATION
 • Land Planners
 • Geologists
 • Professional Engineers
 • Land Surveyors
 3020 NORTH POST ROAD
 INDIANAPOLIS, INDIANA 46226-6518
 Telephone (317) 898-8282
 Fax (317) 898-8010

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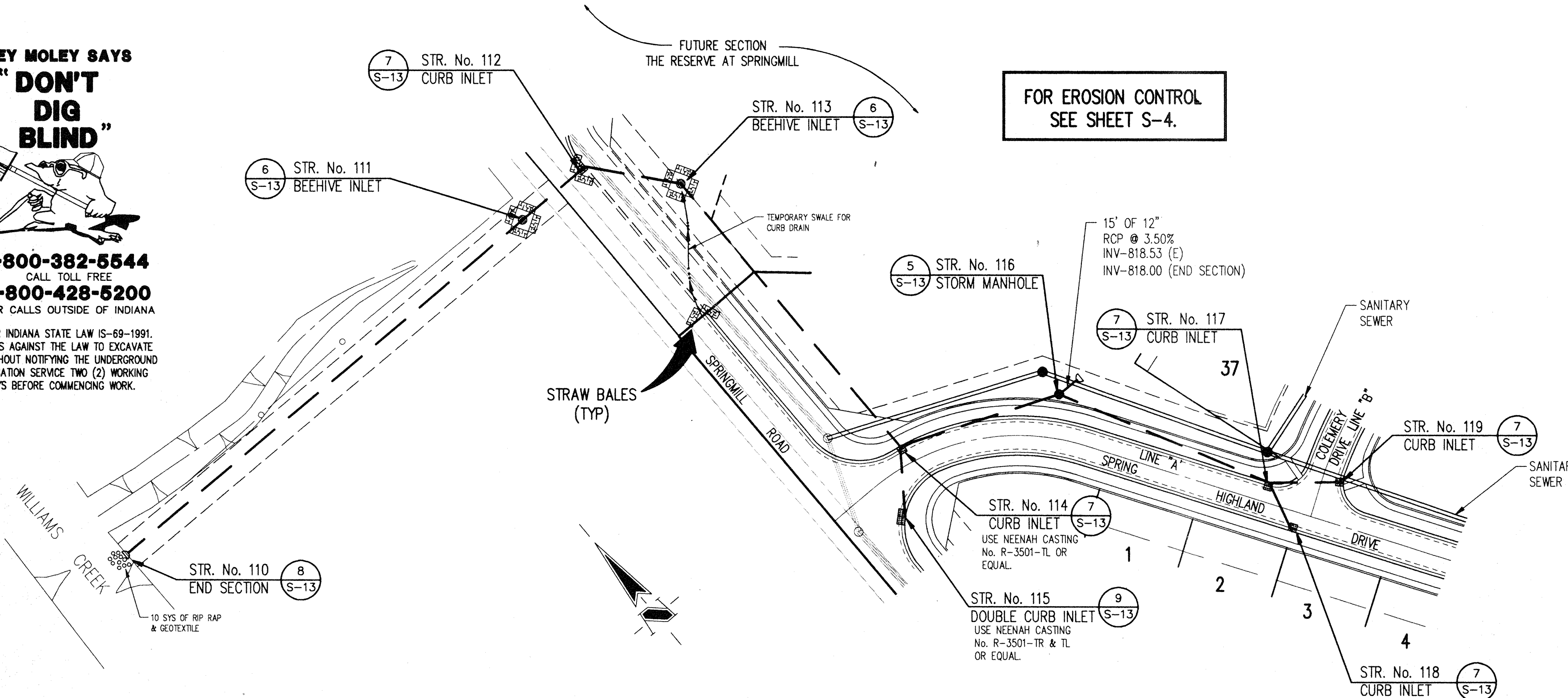
SHEET 14
 OF 14
 FILENAME: 89701AS1.DWG

HOLEY MOLEY SAYS
"DON'T DIG BLIND"



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 FOR CALLS OUTSIDE OF INDIANA

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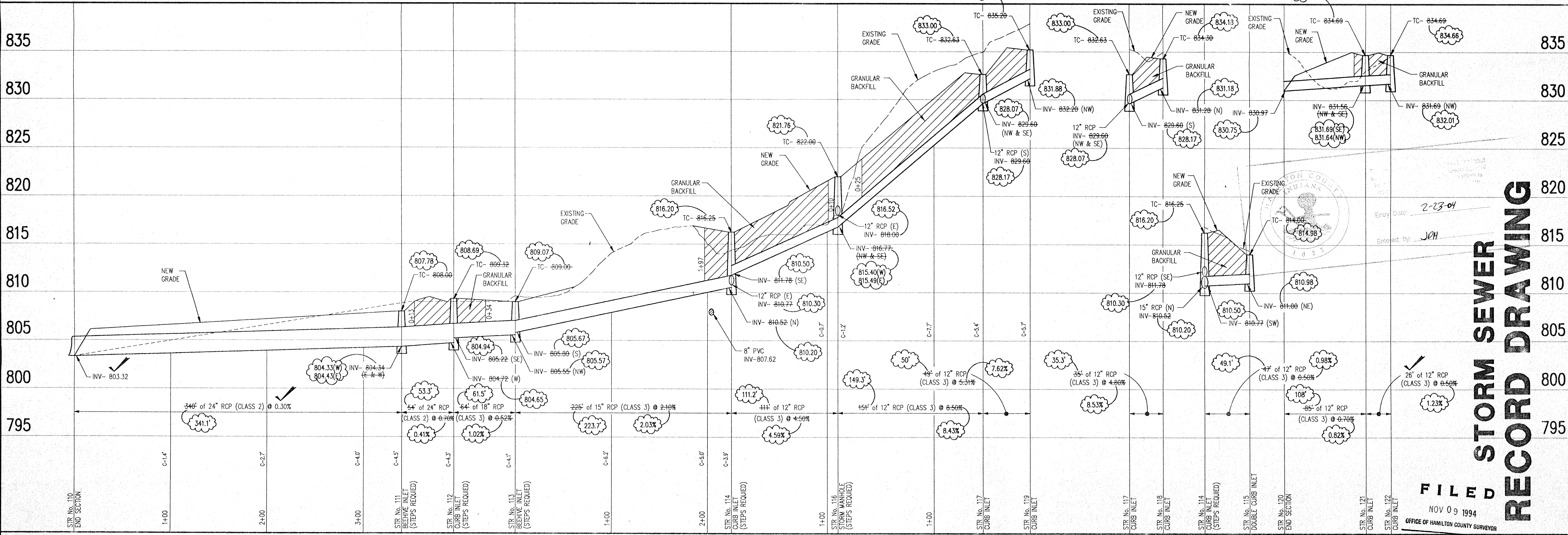
CERTIFICATION FOR "RECORD DRAWING"
 Richard G. Raybeck
 CERTIFIED BY:
 SCHNEIDER ENGINEERING CORPORATION
 3020 NORTH POST ROAD
 INDIANAPOLIS, INDIANA 46226-6518
 P.O. BOX 26068 (317) 898-8282

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

DATE: 9-22-94

STORM SEWER PLAN

SCALE: 1"=50'



STORM SEWER PROFILE

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

REVISIONS

NO.	DATE	CHECKED BY	DESCRIPTION
1	4/17/94	TC	ADDED DOUBLE CURB INLET TO STR. 115 & EROSION CONTROL TO OFFSITE STORM
2	5/27/94	TC	ADDED DETAIL PLANS & STEP NOTES
3	8/2/94	TC	STORM SEWER RECORD Dwg.

SCHEIDT ENGINEERING CORPORATION
 • Land Planners
 • Professional Engineers
 • Land Surveyors
 • Geologists

6845 EAST U.S. 36, SUITE 800
 DANVILLE, INDIANA 46122
 INDIANAPOLIS, INDIANA 46226-6518
 Telephone (317) 272-0108
 Fax (317) 272-0412

SCALE: AS NOTED

SHEET S-11 OF 14

FILENAME: 89701A2.DWG