

Drain: RUSSELL JOHNSON **Drain #:** 263
Improvement/Arm: SANDSTONE ARM
Operator: J. LIVINGSTON **Date:** 2-5-04
Drain Classification: Urban/Rural **Year Installed:** 2000

GIS Drain Input Checklist

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

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

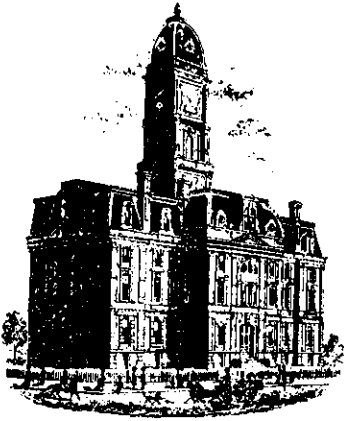
Drain-Improvement: RUSSEL JOHNSON - SANDSTON ARM

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
RCP	2x24"	373'	84'	-309		
	27"	372'	372'			

Sum: 765' 456' -309' * \$ 64,000.00

Final Report: 765'

Comments:
* Replaced with Whispering Words



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

November 18, 1999

Re: Russell Johnson Drain, Sandstone Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Sandstone Arm, Russell Johnson 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 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:

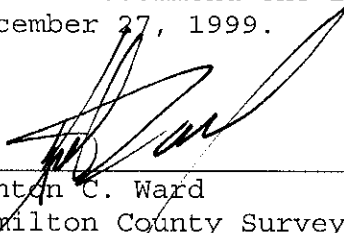
(2) 24" RCP 658 ft (2) 27" RCP 134 ft

The total length of the drain will be 792 feet.

The lengths listed above are those lengths as shown on Exhibit "B" between Str 179A, 179, 178A, 178, 177 and 168. The Existing assessment shall remain the same. Additional areas within Sandstone will be assessed as a result of this arm.

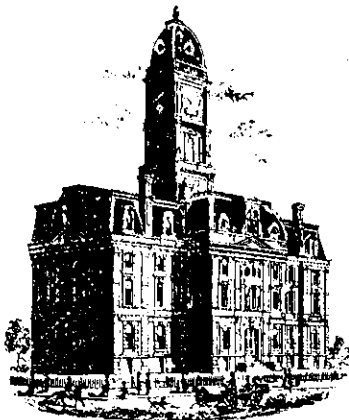
I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 - 69. Therefore, this drain shall be designated as an Urban Drain.

I recommend the Board set a hearing for this proposed drain for December 27, 1999.



Kenton C. Ward
Hamilton County Surveyor

KCW/kkw



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

August 11, 2003

Re: Russell Johnson Drain: Sandstone Arm

Attached are as-builts, certificate of completion & compliance, and other information for Sandstone Arm. 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 November 18, 1999. The report was approved by the Board at the hearing held January 10, 2000. (See Drainage Board Minutes Book 5, Pages 305-306)
 The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
177	824.29	820.96				
178	823.98	818.86	27	372	353	19
178	823.98	818.86				
179	823.74	817.78	(2) 24	276	274	2
179	823.74	817.78				
179a		817.46	(2) 24	117	124	-7

RCP Pipe Totals:

24 x 2	393
27	372

The length of the drain due to the changes described above is now **765 feet**.

The non-enforcement was approved by the Board at its meeting on January 10, 2000 and recorded under instrument #20000030461.

The bond or letter of credit from Washington International Insurance, number S8002356; dated February 4, 2000; in the amount of \$64,000; was released January 13, 2003.

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Kenton C. Ward', written over a horizontal line.

Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

STRUCTURE CHART			
STRUCTURE NUMBER	TOP OF CASTING	INVERT	TYPE
177	824.80	821.00	YARD INLET
178	822.80	818.85	YARD INLET
179	827.55	818.19	YARD INLET
179A		817.89	GONG. END SECTION

Construction Notes

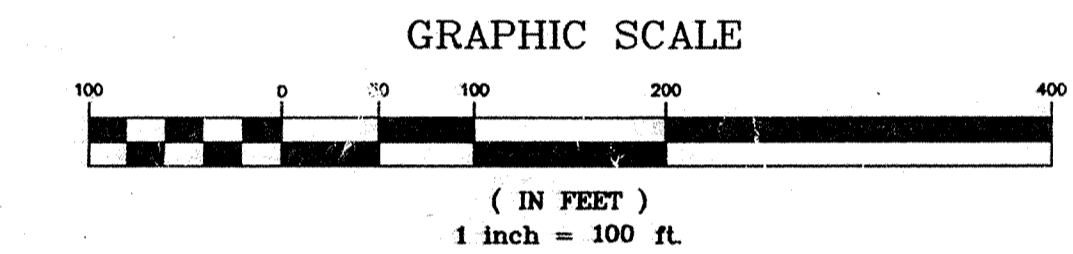
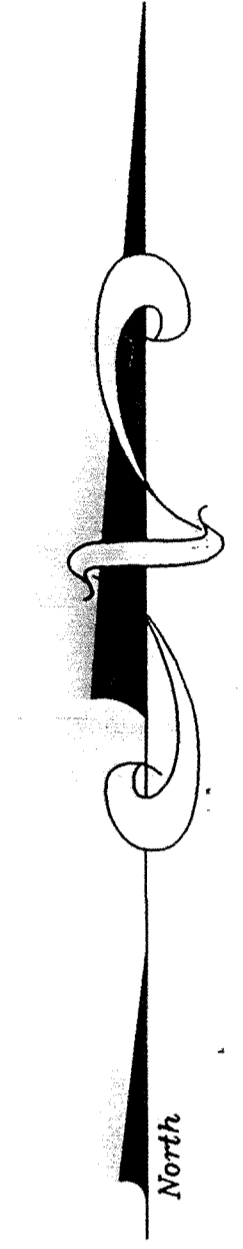
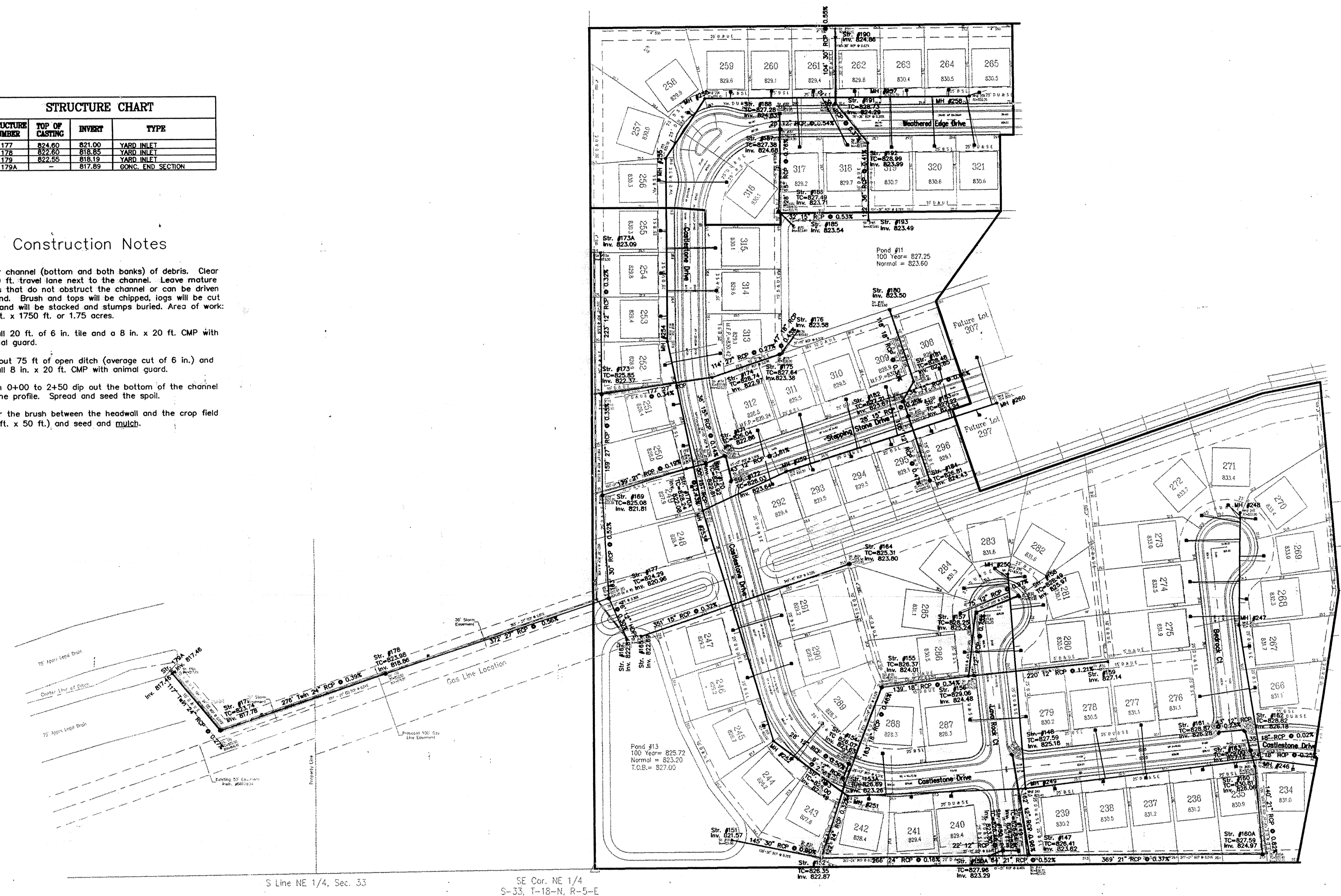
Clear channel (bottom and both banks) of debris. Clear a 20 ft. travel lane next to the channel. Leave mature trees that do not obstruct the channel or can be driven around. Brush and tops will be chipped, logs will be cut out and will be stacked and stumps buried. Area of work: 40 ft. x 1750 ft. or 1.75 acres.

Install 20 ft. of 6 in. tile and a 8 in. x 20 ft. CMP with animal guard.

Dip out 75 ft. of open ditch (average cut of 6 in.) and install 8 in. x 20 ft. CMP with animal guard.

From 0+00 to 2+50 dip out the bottom of the channel to the profile. Spread and seed the soil.

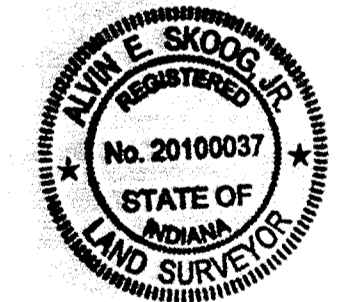
Clear the brush between the headwall and the crop field (15 ft. x 50 ft.) and seed and mulch.



RECORD DRAWING CERTIFICATION

Certified By: A.E. Skoog 11/25/02

Representing Falcon Engineering
I, the above signed, certify that to the best of my professional knowledge and belief the locations and elevations concerning storm and sanitary sewers was performed under my direct supervision.
NOTE: Slope percentage shown represents a calculated figure. Water locations shown are as-built locations based on information supplied by the contractor. Wye stations and lateral lengths were also provided by the contractor and along with the water locations excluded from this certification.



O'Brien Family
Limited Partnership
Warranty Deed
Instr. # 9648354

Charles Decker &
Kim Decker
Warranty Deed
Instr. # 8744292

O'Brien Family Property
Parcel Number: 11-11-33-00-005.022
185 Ac. of 500' Easement
193 Ac. of Storm Easement

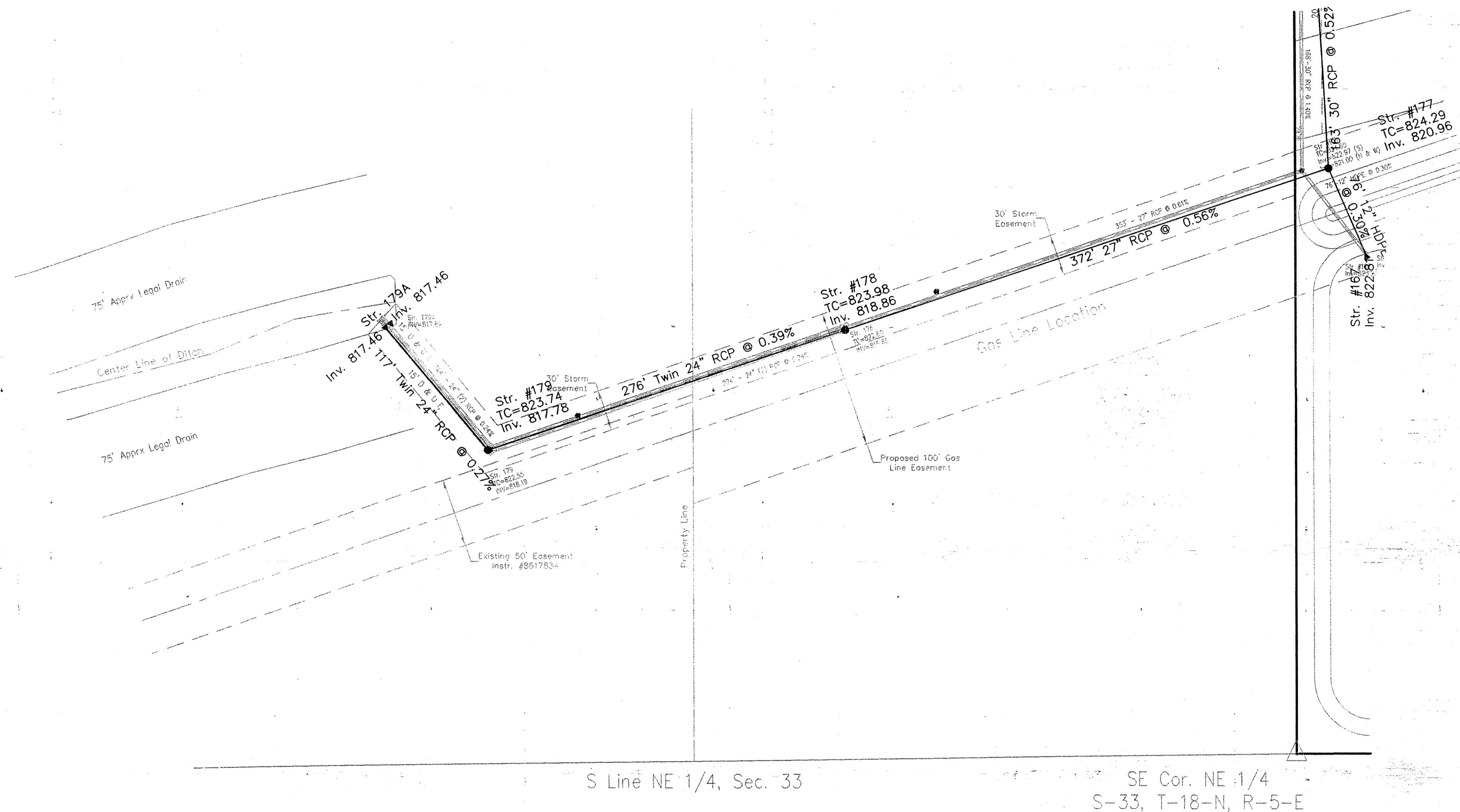
Charles Decker Property
Parcel Number: 13-11-33-00-005.101
235 Ac. of Storm Easement
320 Ac. of Storm Easement

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: 9-11-2003

Entered by: Suzanne Mills

No.	Date	Revision	Storm Record Drawings - Development Plan				falcon ENGINEERING, INC.	Date
			Sandstone Lakes - Section IV					8906 E. 96th Street, Suite 281, Fishers, IN 46038 Phone: (317) 841-3141 Fax: (317) 841-9951
			Town of Fishers, Fall Creek Township, Hamilton County, Indiana	Design By AES/CNK	Drawn By BJR	Checked By Approved By	Job No. 99-22	
								Scale 1" = 100'
								Sheet No. 1 of 2



RECORD DRAWING CERTIFICATION

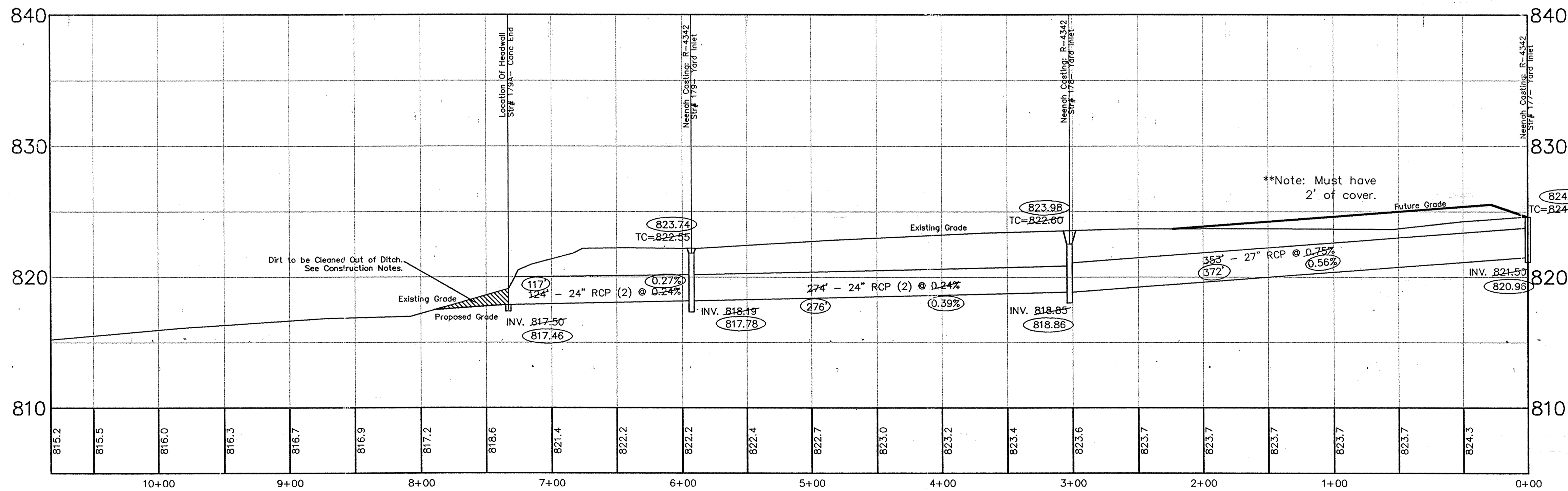
Certified By: *[Signature]* 11/25/02

Representing Falcon Engineering

I, the above signed, certify that to the best of my professional knowledge and belief the locations and elevations concerning storm and sanitary sewers was performed under my direct supervision.

NOTE: Slope percentage shown represents a calculated figure. Water locations shown are as-built locations based on information supplied by the contractor. Wye stations and lateral lengths were also provided by the contractor and along with the water locations excluded from this certification.

S Line NE 1/4, Sec. 33 SE Cor. NE 1/4 S-33, T-18-N, R-5-E



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: 8-11-2003

Entered by: Suzanne Mills

Construction Notes

Clear channel (bottom and both banks) of debris. Clear a 20 ft. travel lane next to the channel. Leave mature trees that do not obstruct the channel or can be driven around. Brush and tops will be chipped, logs will be cut out and will be stacked and stumps buried. Area of work: 40 ft. x 1750 ft. or 1.75 acres.

Install 20 ft. of 6 in. tile and a 8 in. x 20 ft. CMP with animal guard.

Dip out 75 ft of open ditch (average cut of 6 in.) and install 8 in. x 20 ft. CMP with animal guard.

From 0+00(Headwall) to 2+50(250' downstream) dip out the bottom of the channel to the profile. Spread and seed the spoil.

Clear the brush between the headwall and the crop field (15-ft. x 50 ft.) and seed and mulch.

STR 168 - STR 179

No.	Date	Revision

PLAN & PROFILE - Storm Sewer			
Sandstone Lakes - Section IV			
Town of Fishers	Fall Creek Township	Hamilton County	Indiana
Design By	Drawn By	Checked By	Approved By
AES/CNK	BJR		

falcon
ENGINEERING, INC.

8906 E. 96th Street, Suite 281, Fishers, IN 46038
Phone: (317) 841-3141 Fax: (317) 841-9951

Date	November 2002
Job No.	99-22
Scale	HORZ. 1" = 50' VERT. 1" = 5'
Sheet No.	2 of 2