Drain: SPRINGMIN VILLAGES ORTHO

Improvement/Arm: THE MEAGUES - SECTION 4/A

Operator: SUM / JOH Date: 5-19-04

Drain Classification: Urban/Rural Year Installed: 1998

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

got

NA

5cm/92

Sim /gra

SMIGH

SCM/gz

978

918

gro ()

Gasb 34 Footages for Historical Cost <u>Drain Length Log</u>

Drain-Improvement: SPRINGANIU VILLAGES DRAIN - THE MEADOWS -SECTION 44

		1		T	**** LIFA pp	lcable
Drain Type:	Size:	Length Spanners Sease	Length (DB Query)	Length Reconcile	Price:	Cost:
550	6"	2196'	2,196'	Ø		
RCP	124	Z06 '	2061	Ø		
-	15"	170'	170'	<i>S</i>		
	30"	2241	224	ø		
	36"	475'	475'	8		
OPEN DITCH		75'	75'	Ø		
					,	
		·		·		
					-	
	Sum:	3316!	3346'	<i>B</i>		
- '		·	,			-
Final Report:						•
Comments:						•





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

December 14, 1998

RE: Springmill Villages Drain, The Meadows Section 4A Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for The Meadows Section 4A Arm, Springmill Villages 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	2196 ft	30"	RCP	223 ft	Open Ditch	75 ft
12"	RCP	207 ft	33"	RCP	232 ft	•	
15"	RCP	168 ft	36"	RCP	199 ft		

The total length of the drain will be 3,300 feet.

The retention ponds (lakes) located in Block E 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 Owners 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. Only the main SSD lines which are located within the right of way are

to be maintained as regulated drain. Laterals for the individual lots will not be considered part of the regulated drain.

The open ditch which is listed above is that portion of the outfall for the retention area in block E from STR 642 to the East Side of the structure under Oak Ridge Road.

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 and tracts, with a \$30.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$750.00.

Parcels assessed for this drain may be assessed for the Overman-Harvey and/or Wheeler & Beals or Cool 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 Springmill Villages, The Meadows Section 4A as recorded in the office of the Hamilton County Recorded.

I recommend the Board set a hearing for this proposed drain for January 25, 1999.

Sincerely,

Kenton C. Ward Hamilton County Surveyor

HCDB-B980035



BOND NO. 1380104

PREMIUM ____\$2,210.00

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

CONTRACTOR (Name and Address):
Brenwick Land Company, L.P.
12722 Hamilton Crossing Blvd.
Carmel, IN 46032

SURETY (Name and Principal Place of Business):

AMWEST SURETY INSURANCE COMPANY
8910 Purdue Road, Suite 630
Indianapolis, IN 46268

OWNER (Name and Address):
Board of Hamilton County Commissioners
1 Hamilton Square
Noblesville, IN 46060

CONSTRUCTION CONTRACT

Date:

Amount: One Hundred Ten Thousand Four Hundred Seventy Five & No/100*** (\$110,475.00)

Description (Name and Location): Subdivision Bond for Springmill Villages Section 4A Meadows Storm Sewers, Subsurface Drains, Erosion Control, Monuments and Markers.

BOND

Date (Not earlier than Construction Contract Date): October 20, 1998

Amount: One Hundred Ten Thousand Four Hundred Seventy Five & No/100*** (\$110,475.00)

SIGNED, SEALED AND DATED THIS 20th day of October 19 98

Brenwick Land Company, L.P.
Bri: Brenwick Development Company. Inc., General Perfection

AMWEST SURETY INSURANCE COMPANY

Shelley E. Guess

ATTORNEY-IN-FACT

(SEE REVERSE SIDE FOR TERMS AND CONDITIONS)

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

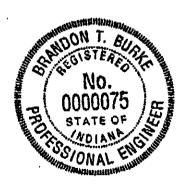
RE: Springmill Villages Drain - Meadows 4A Arm

I hereby certify that:

- 1. I am a Register 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:	
Type or print name:	Brandon Burke, P.E.
Business /Address:	The Schneider Corporation
	12821 E. New Market Street, Suite 100, Carmel, IN 46032
Telephone: (317)	569-8112
	INDIANA REGISTRATION NUMBER
	PE 0000075

SEAL







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

December 30, 2002

Re: Springmill Villages Drain:
The Meadows at Springmill Villages Sec 4A

Attached are as-builts, certificate of completion & compliance, and other information for The Meadows Sec 4A. 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 December 14, 1998. The report was approved by the Board at the hearing held January 25, 1999. (See Drainage Board Minutes Book 5, Pages71-73) The changes are as follows:

Structures	тс.	ı e .	Dinas	l amerika	Original	Difference
Structure:	T.C,:	I.E.:	Pipe:	Length:	Plans:	Difference:
OS5		880.15				
634	890.69	882.07	15	142	140	2
634	890.69	882.07				
635	890.69	882.69	15	28		
635	890.69	882.69				
636	891.21	883.61	12	37	,	
636	891.21	883.61				
637	887.9	885.35	12	169	170	-1
604		874.87			,	
605	882.97	875.12	36	162	164	-2
605	882.97	875.12			,	
606	883	875.2	36	28		
606	883	875.2			,	
607	885.81	875.71	36	53	52	1
607	885.81	875.71				
608	883.28	876.48	36	155	152	3
608	883.28	876.48				
609	884.58	877.32	30	224	223	1
OS6	880.65	875.75	1	-		
OS7 Final Location		874.71	36	77		

6" SSD Streets:

COLUMBINE LANE	1098
x2	

Total:

2196

RCP Pipe Totals:

Totai		1075
	36	475
	30	224
	15	170
	12	206

Other Drain:	
Open Ditch	75

Therefore, the length of the drain remains at 3346 feet.

The non-enforcement was approved by the Board at its meeting on January 25, 1999 and recorded under instrument #9909924009.

The bond or letter of credit from Amewest Surety Insurance Company, number 1380104; in the amount of \$110,475.00; was released June 29, 1999.

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

Sincerely,

Kenton C. Ward,

Hamilton County Surveyor

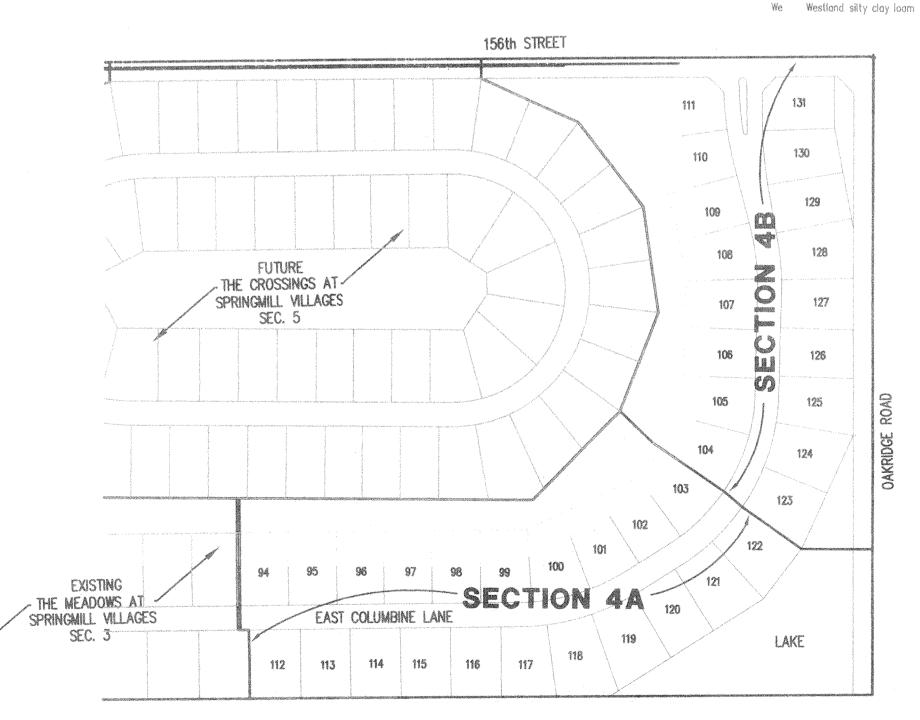
KCW/slm

AREA MAP NOT TO SCALE

SOILS MAP

NOT TO SCALE

FnA Fox Loam, 0-2% slopes FnB2 Fox Loam, 2-6% slopes, eroded Hennepin loam, 18 to 50% slopes MmA Miami silt loam, 0-2% slopes MmB2 Miami silt loam, 2-6% slopes, eroded MmD2 Miami silt loam, 12-18% slopes, eroded MoC2 Miami clay loam, 6-12% slopes, severely eroded MoD3 Miami clay loam, 12-18% stopes OcB2 Ockley silt loom, 2-6% slopes, eroded Sh Shoals silt loam St Sleeth loam



SITE MAP SCALE: N/A

SECTION 14-T18N-R3E

THE VEADONS SPRINGMILL VILLAGES SECTION 4A & 4B

(CONSTRUCTION PLANS)

WASHINGTON TOWNSHIP HAMILTON COUNTY, INDIANA

DEVELOPER:

BRENWICK DEVELOPMENT CO., INC.

12722 HAMILTON CROSSING BLVD. CARMEL, INDIANA 46032 (317) 574-3400

Engineer:

SCHNEIDER ENGINEERING CORP. OF

3020 NORTH POST ROAD INDIANAPOLIS, INDIANA 46226 [317] 898-8282 FAX [317] 899-8010

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SHEET No.	DESCRIPTION
CS	COVER SHEET
C100	SITE DEVELOPMENT PLAN
C101	EROSION CONTROL PLAN
C102	EROSION CONTROL DETAILS & SPECS.
C103	TRAFFIC CONTROL PLAN
C201-C202	STREET PLAN & PROFILES
C301	ENTRANCE DETAIL
C401	SANITARY SEWER PLAN & PROFILES
C601-C602	STORM SEWER PLAN & PROFILES
C701	WATER DISTRIBUTION PLAN
C702	WATER DIST. DETAILS & SPECS.
C801	GENERAL DETAILS
C802-C803	
C901	GENERAL SPECIFICATIONS

DESIGN SPEED=25 M.P.H.

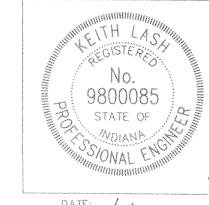


Schneider Lngmeering

Indianapolis, Indiana 46226-0068 317-898-8282 317-899-8010 Fax

A Partnered Entity with Bohlen, Meyer, Gibson & Associates, Incorporated

3020 North Post Road Engineering Record drawing certification only for top of casting, invert elevations and lengths of pipe. Slope percentage represents GIS . LIS a calculated figure and is for general information only. Geology



CERTIFICATION FOR

"RECORD DRAWING"

FILED

JAN Q6 2000 OFFICE OF HAMILTON COUNTY SURVEYOR

eyor's Office One Hamilton Co. Square, Ste. 188, Noblesville, In 46060

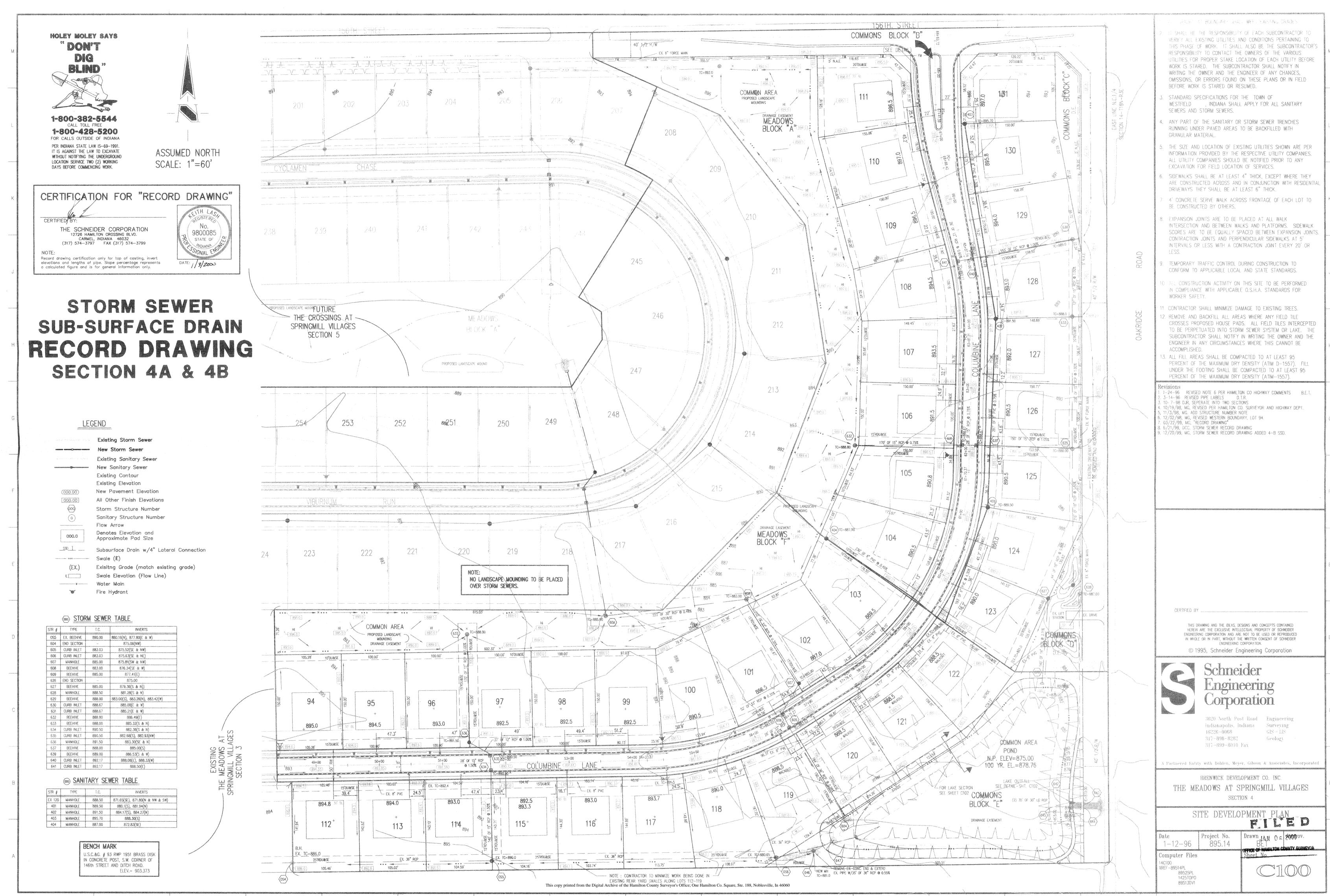
PROJECT MANAGER: DKS

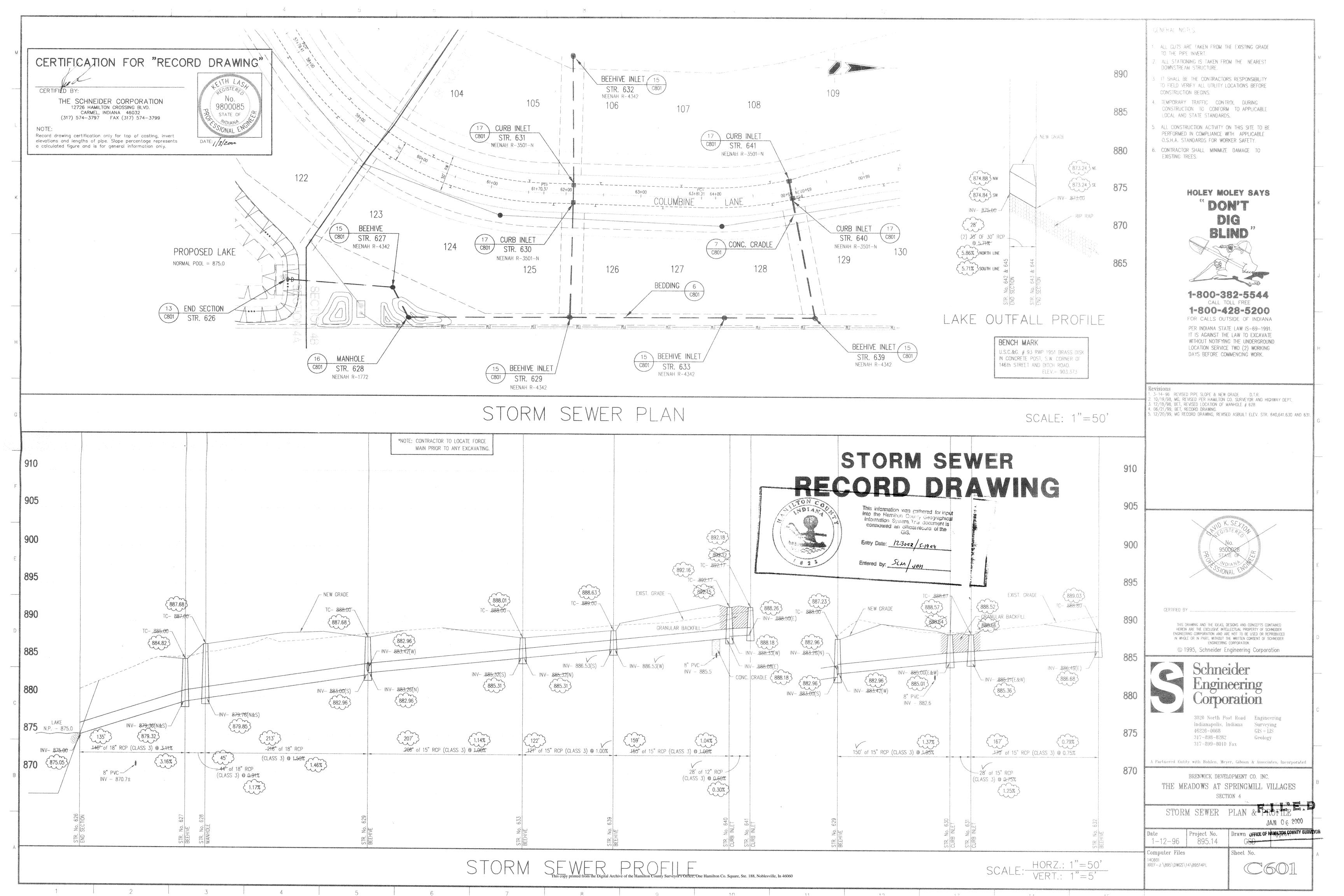
CHECKED BY: __

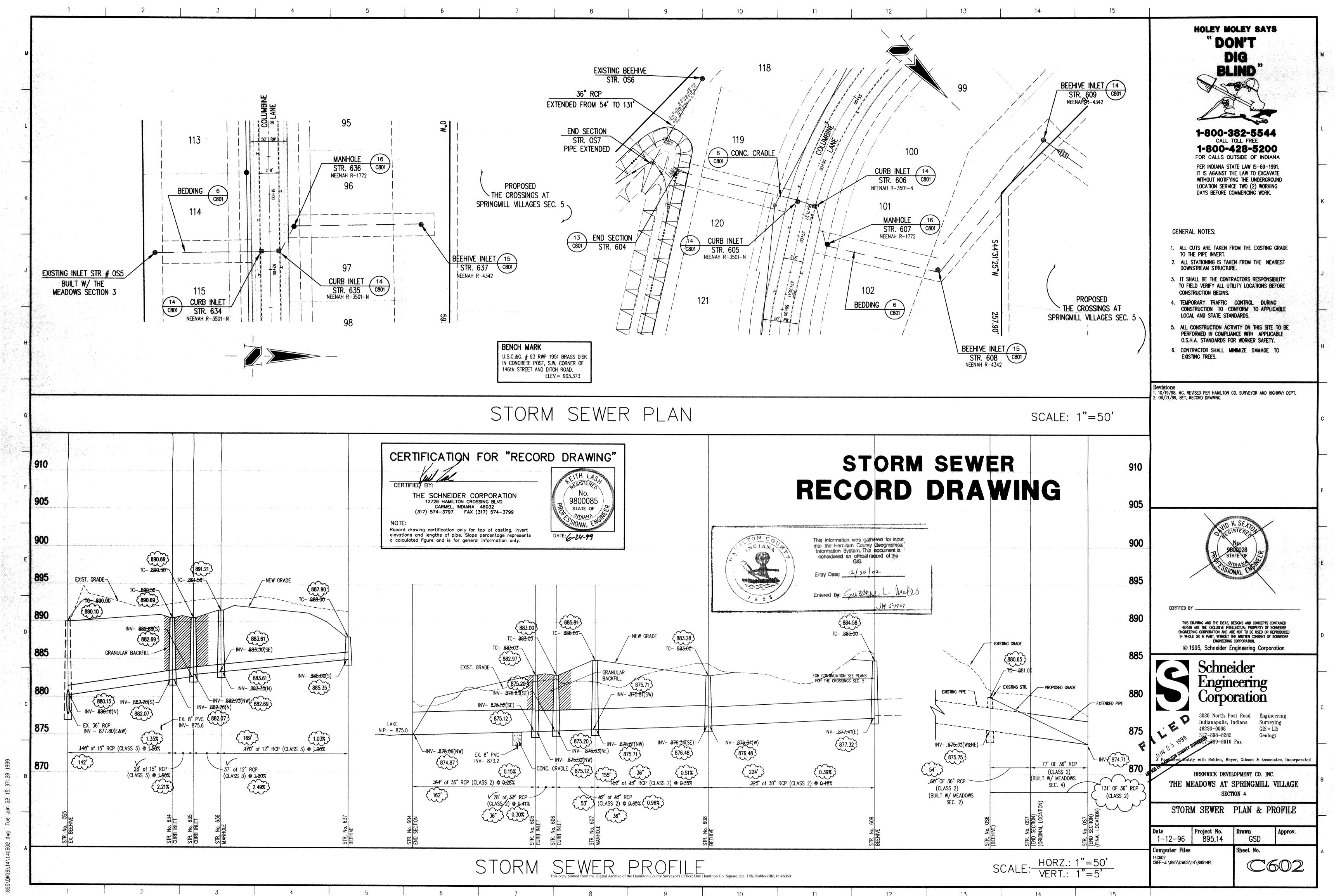
This copy printed from the Digital Archive of the Hamilton County &

CERTIFIED BY: KEITH LASH

(JOB No. 895.14)











Kenton C. Ward, CFM Surveyor of Hamilton County Phone (317) 776-8495 Fax (317) 776-9628

Suite 188 One Hamilton County Square Noblesville, Indiana 46060-2230

Map Correction-Field Verification

Drain Number: #268

Drain Length: 3346'

Drain Name: Springmill Villages: Medous 4A

Change + / -: + 28'

Date: 5-26-2009

New Length: 3374

Verified By: SLM & SAB

Notes & Sketch:

It was discovered during the issuance of a work order in this area that the outlet to the pord had not been map. The corrected map is attached.

Suzanne L. Mills GIS Specialist

