Drain: OLIVER SHUEMAKER Drain #: Improvement/Arm: CUMBERCIAND PLACE SECTION ann J. LIVING STON Operator: Date: Drain Classification: Urban/Rural Year Installed: 2000

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

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

Drain-Improvement:_	OLVER	SHOEMAREL	- CUMBERLAND	PLACE SEC.	2B	Aren
---------------------	-------	-----------	--------------	------------	----	------

		Length	Longth		CONTRACTOR	[(0)](c)
Drain Type:	Size:	mengui	Length (DB Query)	Length Reconcile	.	
				Reconcile	Price:	Cost:
RUP	18"	95	95'			
		95				
	21"	582'	582'			
CONC. SWALE		355'	355'			
					<u>.</u>	
SWALE		195'	195			
······································						
<u> </u>						
	Sum:	1227'	1277'		A	20,073
					-4	20,013
inal Report:/2	721	.				
	67					
omments:						
· · · · · · · · · · · · · · · · · · ·						
		······································				



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

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

To: Hamilton County Drainage Board

October 31, 2000

Re: Oliver Shoemaker Drain

Attached is a petition and plans for the proposed relocation of the Oliver Shoemaker Drain. The relocation is being proposed by Stafford Development. The proposal is to replace the Oliver Shoemaker Drain between stations 21+00 and 27+40 through the Cumberland place Sec. 2B development.

This line will consist of the following:

18"	RCP	י 95
21"	RCP	י 583 י
Concrete	Channel	3551
Swale		195'

The lengths shall include the open ditch/concrete swale measured in a straight line between Str. 31 to the end on concrete swale and the grass swale North to the existing overflow for Woodberry Section 1 Lake. Also, included are the following storm sewer lengths between structures shown on the same plan.

Str.	1	to	Str.	2	Str.	4	to	Str.	5
Str.	2	to	Str.	3	Str.	5	to	Str.	31
Str.	3	to	Str.	4					

The total length of new drain shall be 1,228 feet. The 640 feet of original drain between Sta. 21+00 and 27+40, property line between Section 2B and McGlinch property will be vacated. This proposal will add an additional 588 feet to the drains total length.

The portion of the Oliver Shoemaker Drain Sta. 27+90 to 32+00 across the McGlinch property (13-11-20-00-001.004) to Cumberland Road, will remain regulated drain.

The cost of the relocation is to be paid by the petitioner. Because the project is to be paid by the petitioner and is within the boundaries of the petitioner's property, the project falls under the requirements as set out in IC 36-9-27-52.5. Therefore, a hearing is not required for the petition. Petitioner shall have one year from date of Board's approval for completion of project.

The petitioner has provided the performance bond as follows:

Name of Bonding Company:<u>Gulf Insurance Group</u> Bond Number:<u>BE0937972</u> Bond Amount:<u>\$29,910.00</u>

I recommend approval by the Board at this time.

Sincerely,

Kenton C. Ward Hamilton County Surveyor

KCW/jll/kkw

BOARD OF COMM SSIONERS	RECEIVED AND THE MOD
OF THE COUNTY OF HAMILTON	PERFORMANCE BOND NO. BE0937972
DATE	HCDB-BOO-027
KNOW ALL MEN BY THESE PRESENTS: That Stafford Development, Inc. (hereinafter called Principal), as Principal, and	2636 Elm Hill Pike, Suite 500 Nashville, Tennessee 372 ATTEST: <u>bn M.Ogle</u> (A Stock Company) HAMILTON COUNTY AUDITOR 320 N. Meridian St., Ste 700, Indiappolis, IN 46204 the GULF INSURANCE COMPANY, a corporation of the State of Missouri, with its 37214 (hereinafter called Surety), as Surety, are held and firmly bound unto
	ssioners. 1 Hamilton County Square, Noblesville, In 46060 , (hereinafter called Obligee), in the full and just sum
of Twenty-nine thousand nine hun	
To the payment of which sum, well and truly	y to be made, the Principal and Surety bind themselves, their and each of their heirs, gns, jointly and severally, firmly by these presents.
	day of October , 2000
WHEREAS, the Principal has entered into a	certain written contract, dated the 18th day of October, 2000,
with the Obligee for Cumberland Pla	ce County Legal Drain Work
NOW, THEREFORE, THE CONDITION C against any and all loss or damage directly aris this obligation shall be void; otherwise to rema	OF THIS OBLIGATION IS SUCH, That, if the Principal shall indemnify the Obligee sing by reason of the failure of the Principal to faithfully perform said contract, then ain in full force and effect.
This bond is executed and accepted upon the f	ollowing express conditions precedent:
l_{γ} That the Obligee shall faithfully and pur Obligee.	nctually perform all the terms and conditions of said contract to be performed by the
That if the Principal shall abandon said co the Surety shall have the right at its option	ontract or be lawfully compelled by reason of a default to cease operations thereunder, on to complete said contract or to sublet the completion thereof.
3. That the Obligee shall notify the Surety by contract within a reasonable time after suc	registered letter, addressed and mailed to it at its Principal Office, of any breach of said h breach shall have come to the knowledge of the Obligee, or the Architect, or Engineer.

- 4. That the Surety shall not be liable for any provisions of the contract or specifications respecting guarantees of efficiency or wearing qualities, or for the maintenance or repairs, nor is the Surety obligated to furnish any other bond covering such provisions of the contract or specifications.
- 5. All suits at law or proceedings in equity to recover on this bond must be instituted within twelve months after the completion of said contract, and in any event within twelve months from the date fixed in said contract for its completion.

	Stafford Development, Inc. PRINCIPAL	
WITNESS Denice J. Friting	By clouden stof	(Seal)
famet. Wan 20	GULF INSURANCE COMPA	Title
WITNESS	By Kathenne Cadover	week (Seal)
	Katherine Radovanovich	Attorney-in-Fact

GASB 34 Improvement Amount Bond Amount = #29,910 = *16.36 per Foot Total Footage = 1828 FT Requated Footage = 1227 ¥ 16.36 # 20,073.72 Suzanne L. Mills GIS Specialist 12/1/2002 This copy printed from the Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste. 188, Noblesville, In 46060

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Cumberland Place 2B

I hereby certify that:

- 1. I am a Registered Land Surveyor or 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 .
- 4. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been installed and completed in comformity with all plans and specifications.

Jerke Date: 1/29/01 Signature:

Type or Print Name: Allan H. Weihe

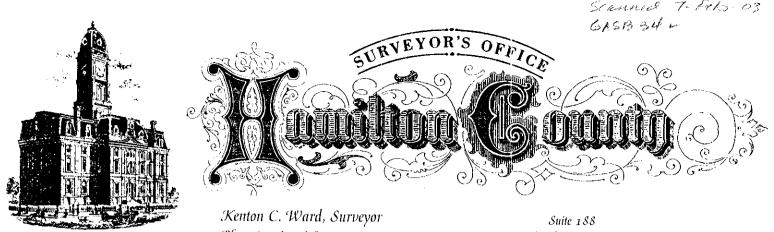
Business Address: Weihe Engineers, Inc. 10505 N. College Avenue, Indianapolis, IN. 46280

Telephone Number: 846-6611 (FAX 843-0546)

SEAL	NILAN H. WEIMIN	
	No. No. 8827 STATE OF WOIANA STATE OF WOIANA STATE OF	
	STATE OF	
	MONONAL ENGINE	

INDIANA REGISTRATION NUMBER

#8827



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

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

December 9, 2002

To: Hamilton County Drainage Board

Re: Oliver Shoemaker Drain: Cumberland Place 2B Arm

Attached are as-builts, certificate of completion & compliance, and other information for Cumberland Place 2B 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 October 31, 2000. The report was approved by the Board at the hearing held November 14, 2000. (See Drainage Board Minutes Book 5, Pages 491-492) The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
1		814.01			· · · · · · · · · · · · · · · · · · ·	
2	819.22	815.57	21	441		
2	819.22	815.57				
3	820.13	815.98	21	113	114	-1
3	820.13	815.98				
4	820.11	816.12	21	28		
4	820.11	816.12				
5	820.74	816.24	18	39		· · · · · · · · · · · · · · · · · · ·
5	820.74	816.24				
31		817.56	18	56		

RCP Pipe

10(013)			
18	95	Other Drain:	
		Suulo	195
21	582	Swale	
		Concrete Swale	355

The length of the drain due to the changes described above is now 1227 feet.

The non-enforcement was approved by the Board at its meeting on November 14, 2000 and recorded under instrument #200100002892.

The bond or letter of credit from Gulf Insurance Group, number BE0937972; dated October 18, 2000; in the amount of \$29,910; was released November 25, 2000.

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

Sincerely,

Kenton C. Ward, Hamilton County Surveyor

KCW/slm



15' D&UE _____ _____ ை ò Structure # 5 Structure # 5 Structure # 5 Structure # 29 Structure # 29 Structure # 29 Structure # 3 Structure # 3
0.44%
BACKFUP

0.44%
RE0...

0.31%
DESIGN

0.39%
GRADE

0.39%
GRADE

0.39%
GRADE

0.39%
GRADE

0.39%
GRADE

0.44%
DESIGN

0.39%
GRADE

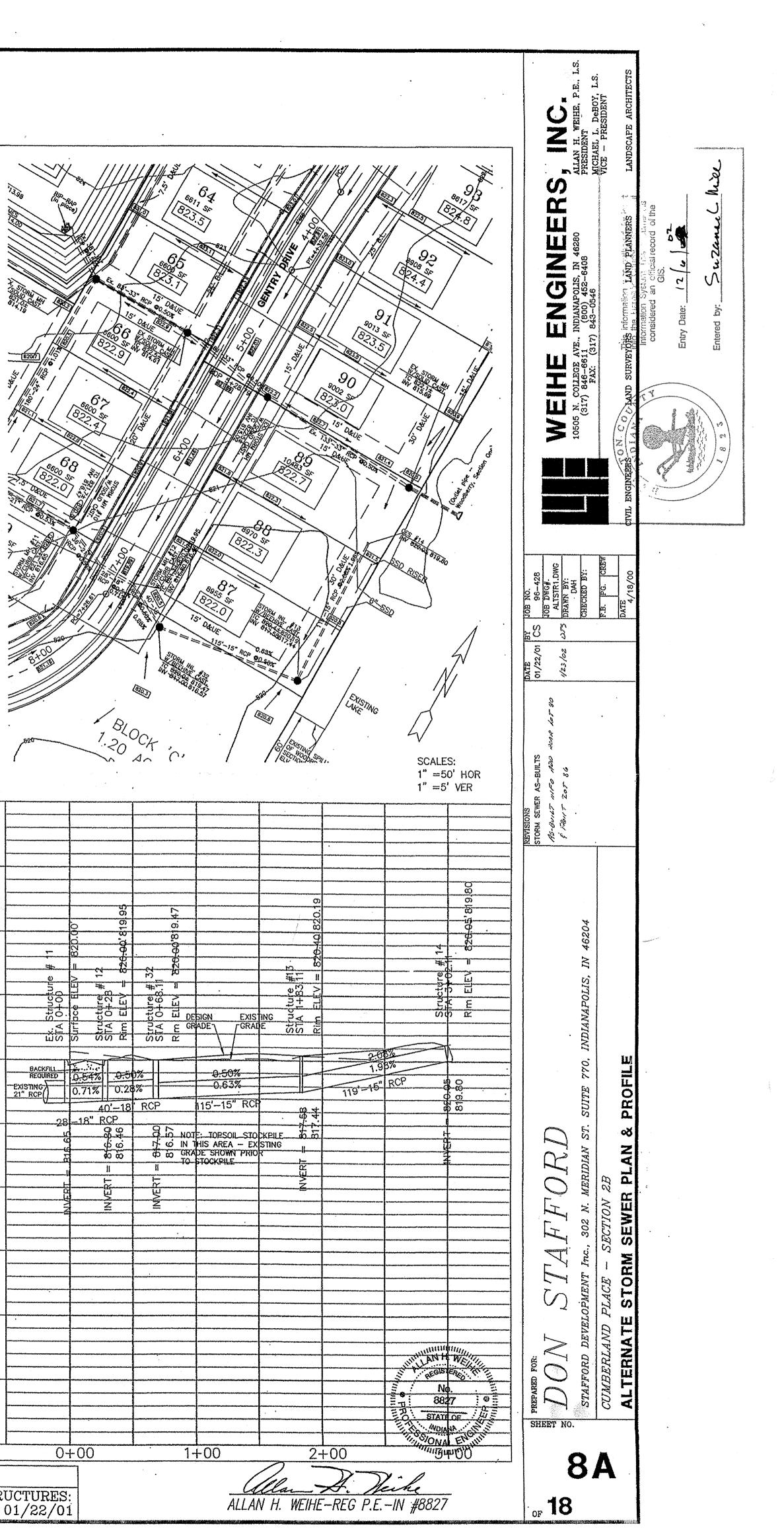
0.39%
GRADE

0.39%
GRADE

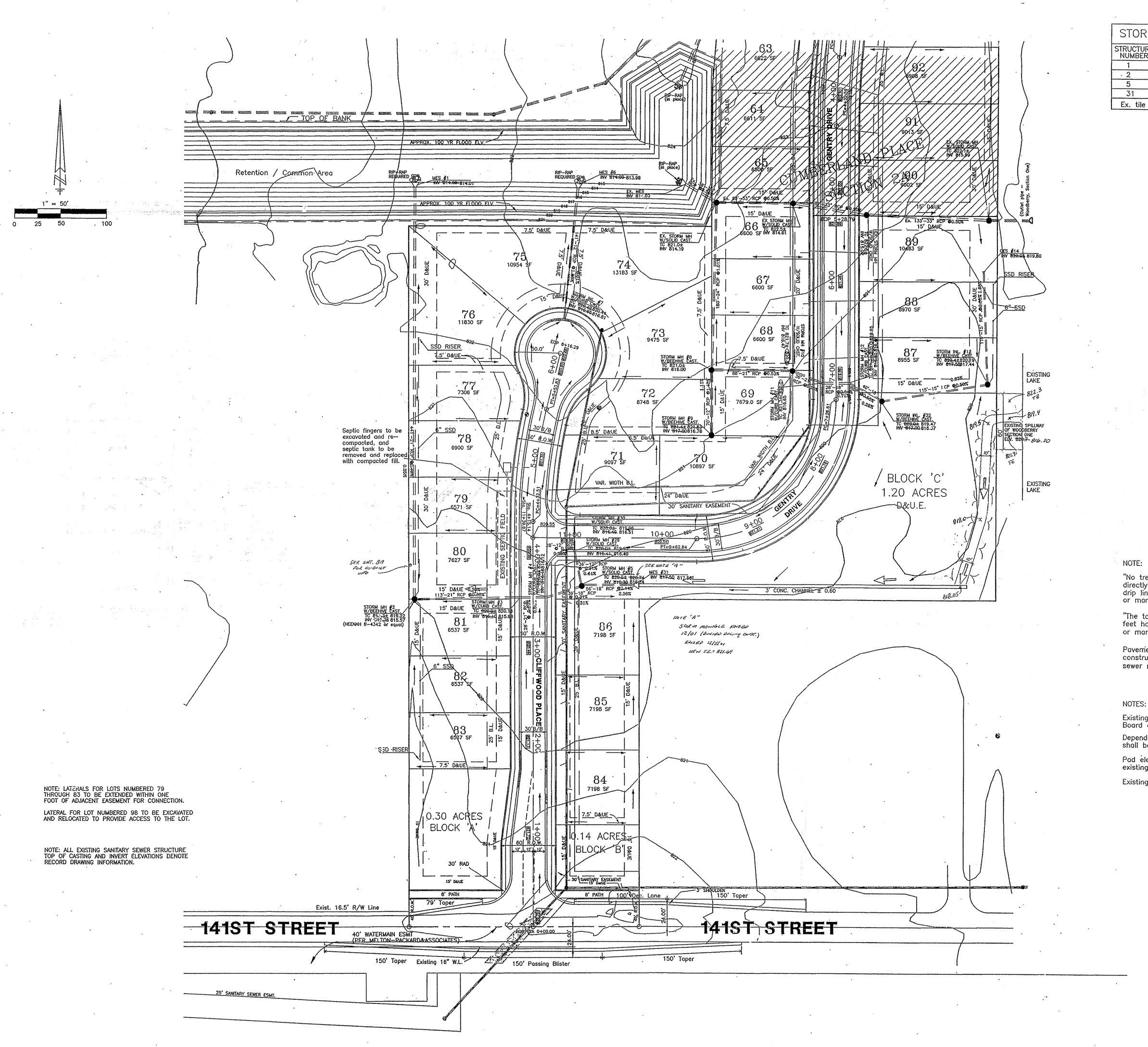
0.59%
GRADE

0.59% VERT = ź 0+00 1+00

SCALES: 1″ =50′ HOR 1″ =≨′ VER



RECORD DRAWING



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ORM	SEWER STRU	JCTURE T	ABLE (Lego	al Drain)
CTURE ABER	STRUCTURE TYPE	CASTING TYPE	TOP OF CASTING	INVERT
	MES	N/A	N/A	814.00
6	MANHOLE	BEEHIVE	819.3	815.76
	MANHOLE	SOLID	820.5	816.30
1	MES	N/A	N/A.	817.50
tile	BOX	BEEHIVE	819.7	814.17

LEG	END
BL	BUILDING LINE
D&UE	DRAINAGE AND UTILITY EASEMENT
892.8	PROPOSED PAD GRADE
892.8	PROPOSED SPOT ELEVATION
(\$20.D)	REVISED CASTING GRADE
4	METAL END SECTION
٠	SANITARY MANHOLE
	STORM MANHOLE
	SANITARY SEWER W/LATERAL
	STORM SEWER
	EMERGENCY FLOOD ROUTE
	· •

"No trees, shrubbery or similar growths shall be planted, or allowed to grow, directly over or within ten (10) feet horizontal distance measured from the drip line of the planting to sanitary sewer mains, laterals building sewers or manholes".

"The toe of slope of earthen mounding shall not be placed within ten (10) feet horizontal distance of sanitary sewer mains, laterals, building sewers or manholes."

Pavement or concrete, including driveways and sidewalks, shall not be constructed on or within one (1) foot horizontal distance of any sanitary sewer manhole or cleanout casting.

Existing well to be abandoned in accordance with Indiana State Board of Health requirements for abandonment of wells. Depending on cover, the wye servicing Lots **#71** & **#**78 shall be concrete capped.

Pad elevations comply with "Record Drawing" information for existing manholes per HSE's design specifications Sec. 6.08 G. Existing house and garage to be demolished as directed by Developer.

> THIS ALTERNATE PLAN FOR THE DRAINAGE PATTERN FOR THE AREA OF THE SUBDIVISION THAT IS SHOWN ON THIS PLAN SHEET IS AN OPTIONAL PLAN AS PROPOSED BY RICHARD HENDERSON, P.E. OF ARBOR HOMES.

