Drain: PEBBLE BROOK PRAIN Drain #: /9/
Improvement/Arm: PEBBLE BROOK VILVAGE CENTER

Operator: JOH Date: 3-/0-04

Drain Classification: Urban/Rural Year Installed: /998

## **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

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

Drain-Improvement: PEGBLE BROOK DRAIN - PEGBLE BROOK VILLAGE CENTRY

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Price:	Cost:
RCP	12"_	2 Ø	108'	+108'		
	15"	372'	263'	-1091		
MAN COL	Z4"	372' 1994' 50'	1977	-17		
OPEN DITCH		50'	50'	ps .		
				}		
	Sum:	2,416'	2398'	-18'		
Shal Day art			,			
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

9:10am 7/27/98

June 25, 1998

To: Hamilton County Drainage Board

Re: Pebble Brook Village Center Arm,

Pebble Brook Drain

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Pebble Brook Village Center Arm, Pebble Brook 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:

15" RCP - 372 ft; 24" RCP - 1994 ft; Open Ditch - 50 ft.

The total length of the drain will be 2416 feet.

The retention ponds shown on the plan as Pond 2 & Pond 7 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 will be the responsibility of the developer. 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 easement for this portion of the drain across the Brant Farms, Inc. tract shall be 45' total width as set out in an easement agreement between Brant Farms, Inc. and Eldon D. Palmer. This agreement is recorded in the Hamilton County Recorder's Office as instrument #9809820190. The easement on Mr. Palmer, tracts 06-33-00-00-005.000 and 06-33-00-00-007.000, for the 15" and

24" RCP's shall be 25' per half. I recommend the Board approve the attached non-enforcement at this time.

The open ditch section shown above shall be that portion between Str. 804 to Mill Creek. The 24" RCP is that portion between Str. 830 (outlet of Pond 7) to structures 821, 820, 815, 810, 805 and 804. The portion of the drain which is 15" RCP is the section between structures 852 and 851 (between pond 2 & 7) and between structures 835 (pond 2) and 840, 845 and 850.

I have reviewed the plans and believe the drain will benefit each tract 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 \$20.00 per lot, \$2.00 per acre for roadways, residential and agricultural, with a \$20.00 minimum fir residential and agricultral. With this assessment, the total annual assessment for this drain for this section will be \$168.68.

I recommend that commercial tracts are developed within the new area that the rate for commercial be assessed at \$9.00 per acre with a \$90.00 minimum.

Parcels assessed for this drain may be assessed for the George Booth, Sly Run or Mill 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 the Board set a hearing for this proposed drain for July 27, 1998.

Kenton C. Ward,

Hamilton County Surveyor

KCW/jh

Stone Original Copy

# ITC ACCEPTANCE COMPANY

2929 S. HOLT ROAD INDIANAPOLIS, IN 46241 (317) 243-1663

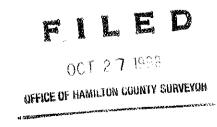
## **SUBDIVISION BOND**

Bond No. :125187	Principal Amount : <u>\$ 95,330.00</u>						
KNOW ALL MEN BY THESE PRESENT	S, that we Palmer Realty, FLP						
7965 Westfield Blvd. Indianapolis, IN 462	40 as Principal, and <u>ITC</u>						
Acceptance Company 2929 S. Holt Road In	ndianapolis, IN 46241 a Indiana						
corporation, as Surety, are held and firm	ly bound unto Hamilton County						
Commissioners One Hamilton County Squ	are Noblesville, IN 46060 in						
the penal sum of Ninety Five Thousand I	Three Hundred Thirty and 00/100						
(Dollars) (\$95,330.00), lawful mor	ney of the United States of America,						
for the payment of which well and truly to	o be made, we bind ourselves, our						
heirs, executors, administrators, success	sors and assigns, jointly and						
severally, firmly by these presents.							
Whereas, Palmer Realty, FLP							
Has agreed to construct in Pebble B	Brook Village Center .						
In Hamilton County, Indiana	In <u>Hamilton County</u> , Indiana the following improvements:						
Offsite Storm Sewer and Erosion Control							
	, Constitution of the cons						
	otarized by: Malissa Hane						
	ly commission expires 04-13-2008 NOV 05 1998  [arion County OFFICE OF HAMILTON CO						
	Larion County OFFICE OF HAMILTON COUNTY SURVEYOR						

## CERTIFICATE OF COMPLETION AND COMPLIANCE

Address of premises on which	land	
alteration was accomplished _	State Road # 32 and Little Chicago	Road
Inspection Date(s):	Permit No	
Relative to plans prepared by: on February 18, 1998.	Stoeppelwerth & Associates, Inc.	
I hereby certify that:		
To the best of my know performed and completed in co	wledge, information and belief such land conformity with the improved plan, excep	alteration has been
Signature Truy W.	Darling	Date: <u>10/22/98</u>
Type Name: Jeffory W. Darli	ng Ph	one: (317) 849-5935
Business Address: 9940 Alliso	onville Road, Fishers, IN 46038	
Surv.X EngrArch	Indiana Registration No. R.L.S. 9000	17
		NO. 900017 STATE OF  SURVENIENT  SURVE  SURV

FORMS/23970c&c



(SEAL)





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

August 25, 2000

Re: Pebble Brook Drain: Pebble Brook Village Center Arm

Attached are as-builts, certificate of completion & compliance, and other information for Pebble Brook Village Center. 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 June 25, 1998. The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length: Original Plans:	Difference:

					829.04	810
-3	400	397	24		816.3	805
					816.3	805
		284	24			804
						830
-2	30	28	24		826.25	821
					826.25	821
		170	24	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	832.15	820a
					832.15	820a
		80	24		830.04	820
			****		830.04	820
2	480	482	24		831.98	815
					831.98	815
-3	478	475	24		829.04	810
	formerly structure 850			823.68	830.87	4
	formerly structure 845		12	823.6	830.75	3
<u> </u>	formerly structure 845			823.6	830.75	3

	new segment of pipe	78	12	823.39	829.74	845A
				823.39	829.74	845A
-79	281	202	15	820.56	825.91	840
				820.56	825.91	840
······································		61	15	819.45		835
			······	819.47		855
-11	72	61	24	818.84		860

## **RCP Pipe Totals:**

 12	108
15	263
24	1977

### Other Drain:

Open Drain	50

The drainage system was modified via a change order on the part of the developer. However, this modification did not change the overall footage of the drain. Structures 845 and 850 were replaced by structures 3 and 4. Structure 845a was installed between structures 3 and 840. This segment was originally the run of pipe designated between structures 845 and 840.

The length of the drain due to the changes described above is now 2398 feet.

The non-enforcement was approved by the Board at its meeting on June 28, 1999 and recorded under instrument #9909938790.

The bond or letter of credit from ITC Acceptance Company number 125187; in the amount of \$95,330.00 was released November 23, 1998.

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

Sincerely,

Kenton C. Ward,

**Hamilton County Surveyor** 

KCW/slm

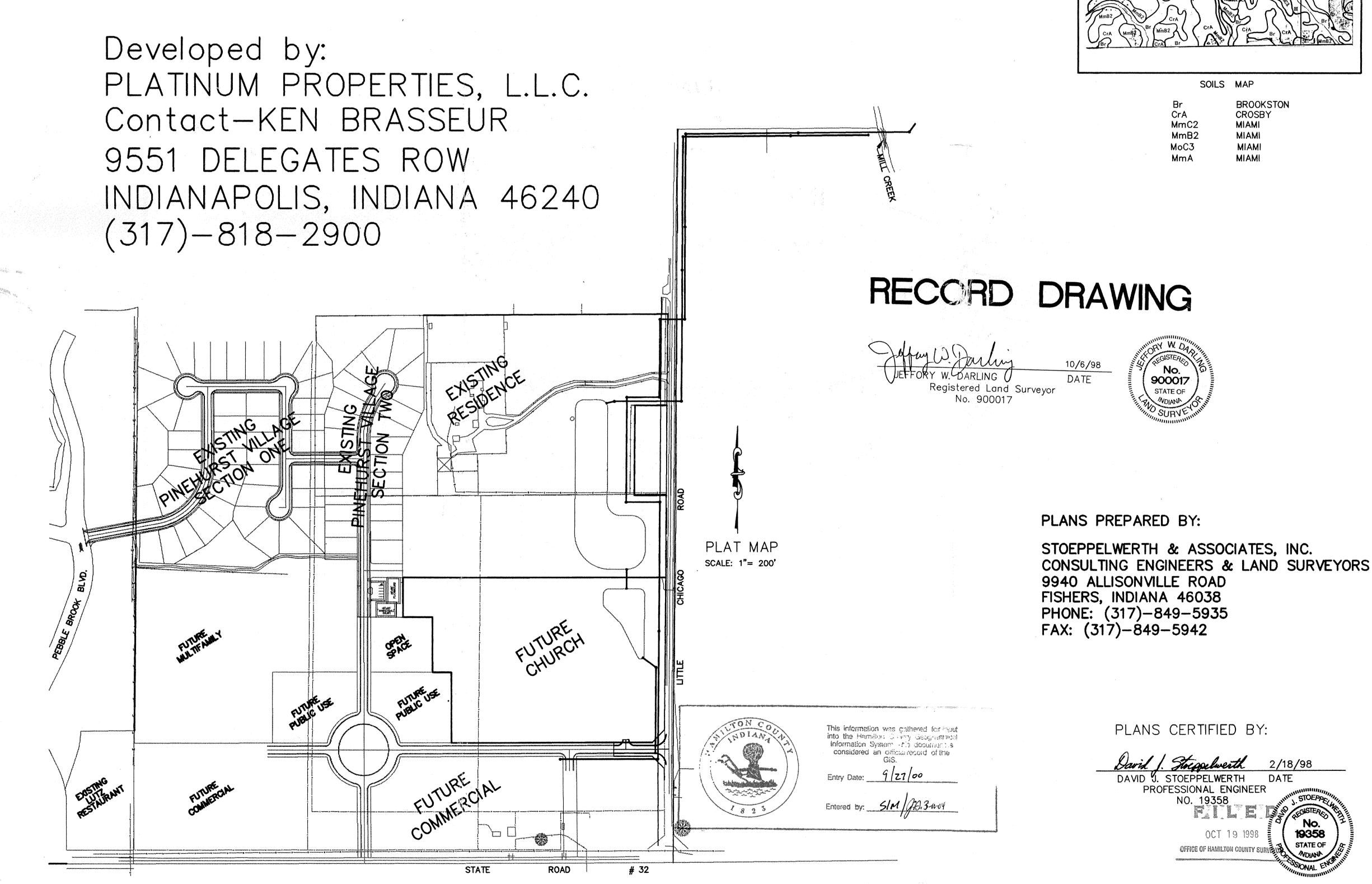
# BM COUNTRAL CONTRAL CO

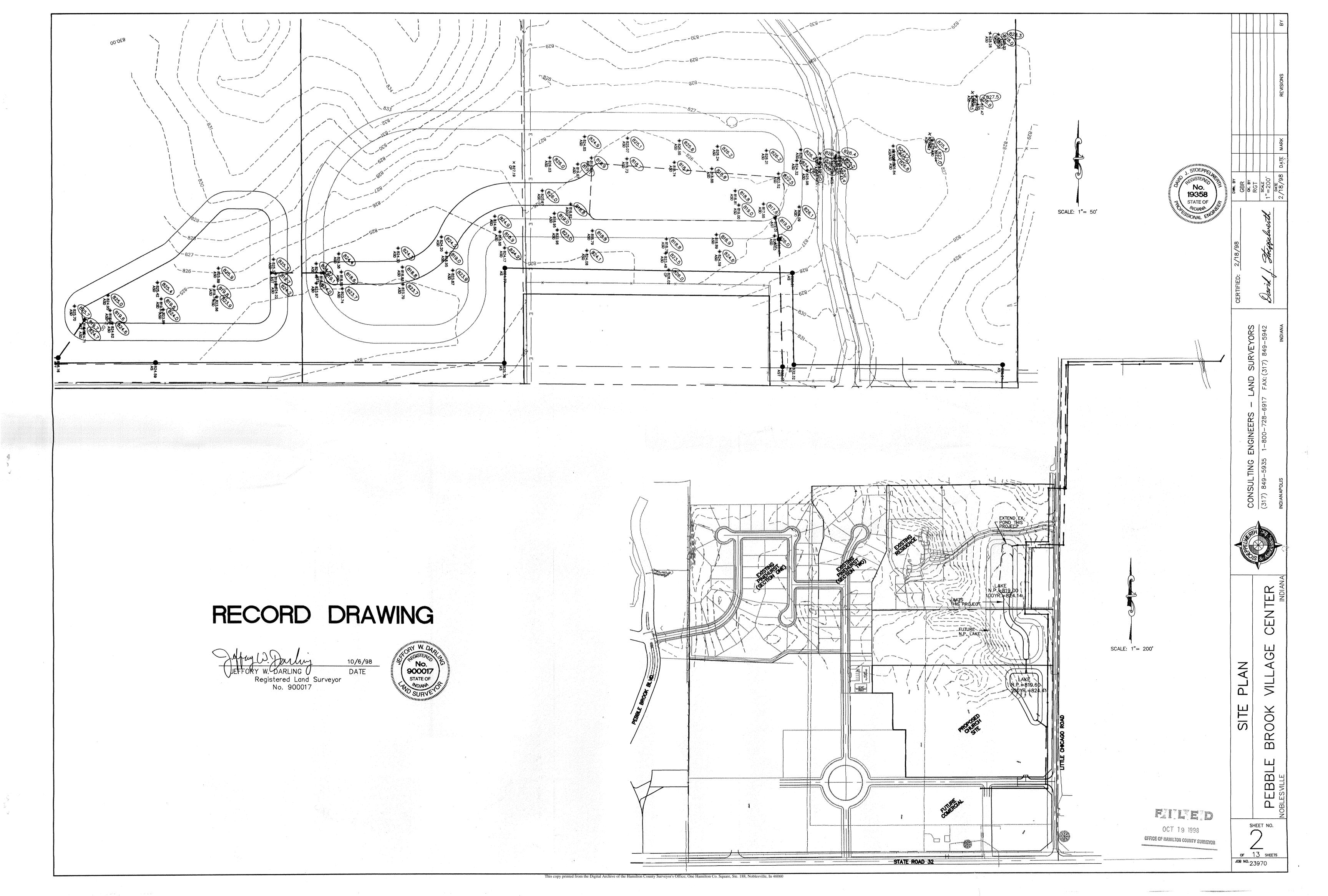
# LOCATION MAP

	INDEX
SHT.	DESCRIPTION
1	COVER SHEET
2	SITE PLAN
3	EROSION CONTROL PLAN
4	INTERSECTION DETAILS
5	SANITARY SEWER PLAN & PROFILES
6	SANITARY SEWER PLAN & PROFILES
7	SANITARY SEWER PLAN & PROFILES
8	SANITARY SEWER PLAN & PROFILES
9	STORM SEWER PLAN & PROFILES
10	STORM SEWER PLAN & PROFILES
11	STORM SEWER PLAN & PROFILES
12	CONSTRUCTION DETAILS
13	CONSTRUCTION DETAILS

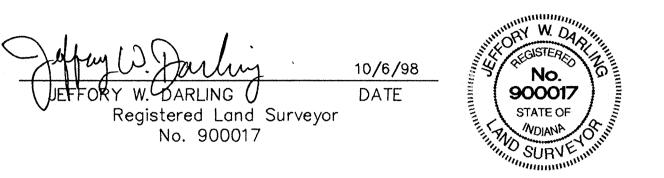
			RE	<b>VISIONS</b>			
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			taliyetide are en anay tiqiyya saanga		W		
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# PEBBLE BROOK VILLAGE CENTER LITTLE CHICAGO ROAD ENTRY AND OFF-SITE UTILITIES

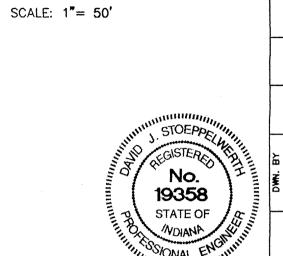




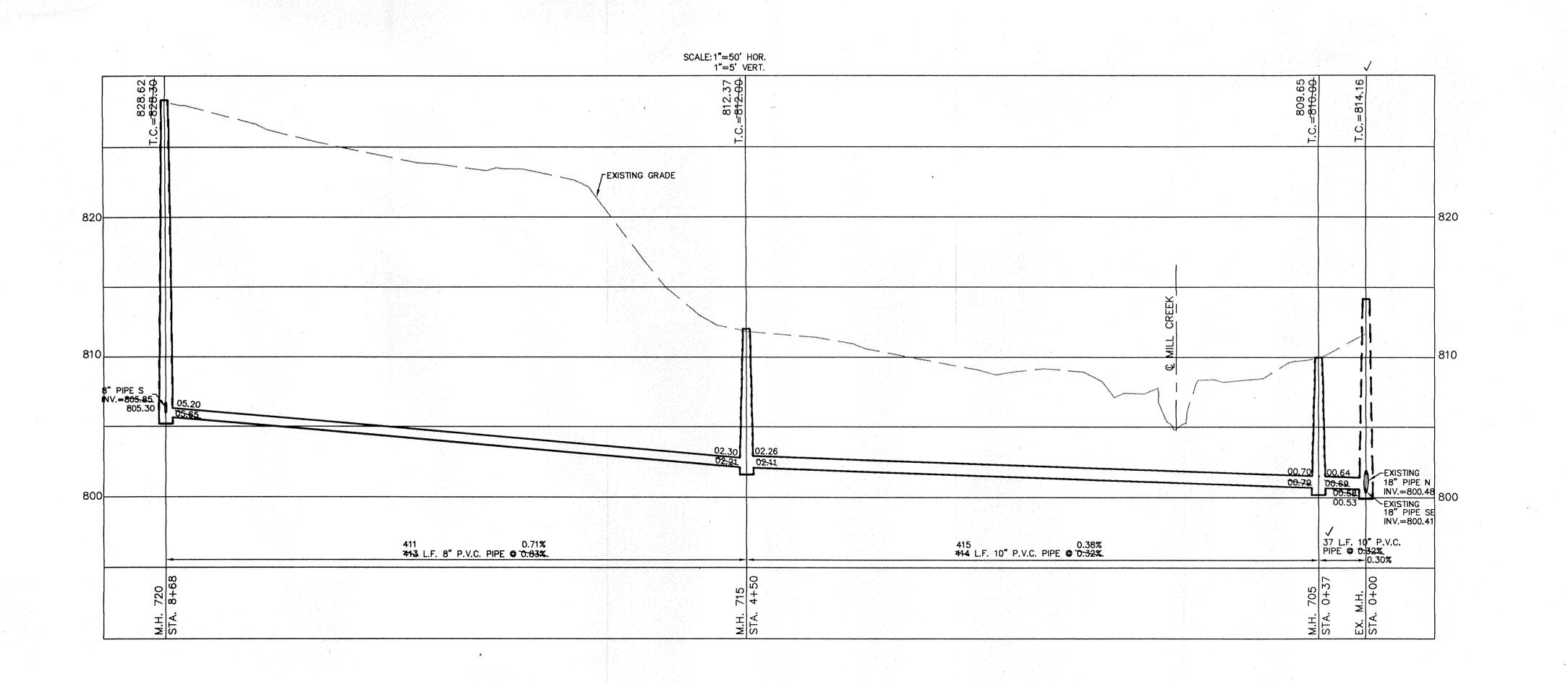
# RECORD DRAWING



NOTE: ALL CASTINGS TO BE FLUSH WITH FINAL GRADE



	MANHOLE 720 STA. 8+68		MANHOLE 715 STA. 4+50	NORTH LINE  BRANT PROPERTY	EX. MANHOL STA. 0+00	EX. SANITARY MH
BM#2	20' CONST. ESMT.	824 824		800 800 H	MANHOLE 705 STA. 0+37	E STATE OF S



OFILE CONTRACTOR

CONSULTING (317) 849-5935

SEWER PLAN & PROFILE

OCT 19 1998
OFFICE OF HAMILTON COUNTY SURVEYOR

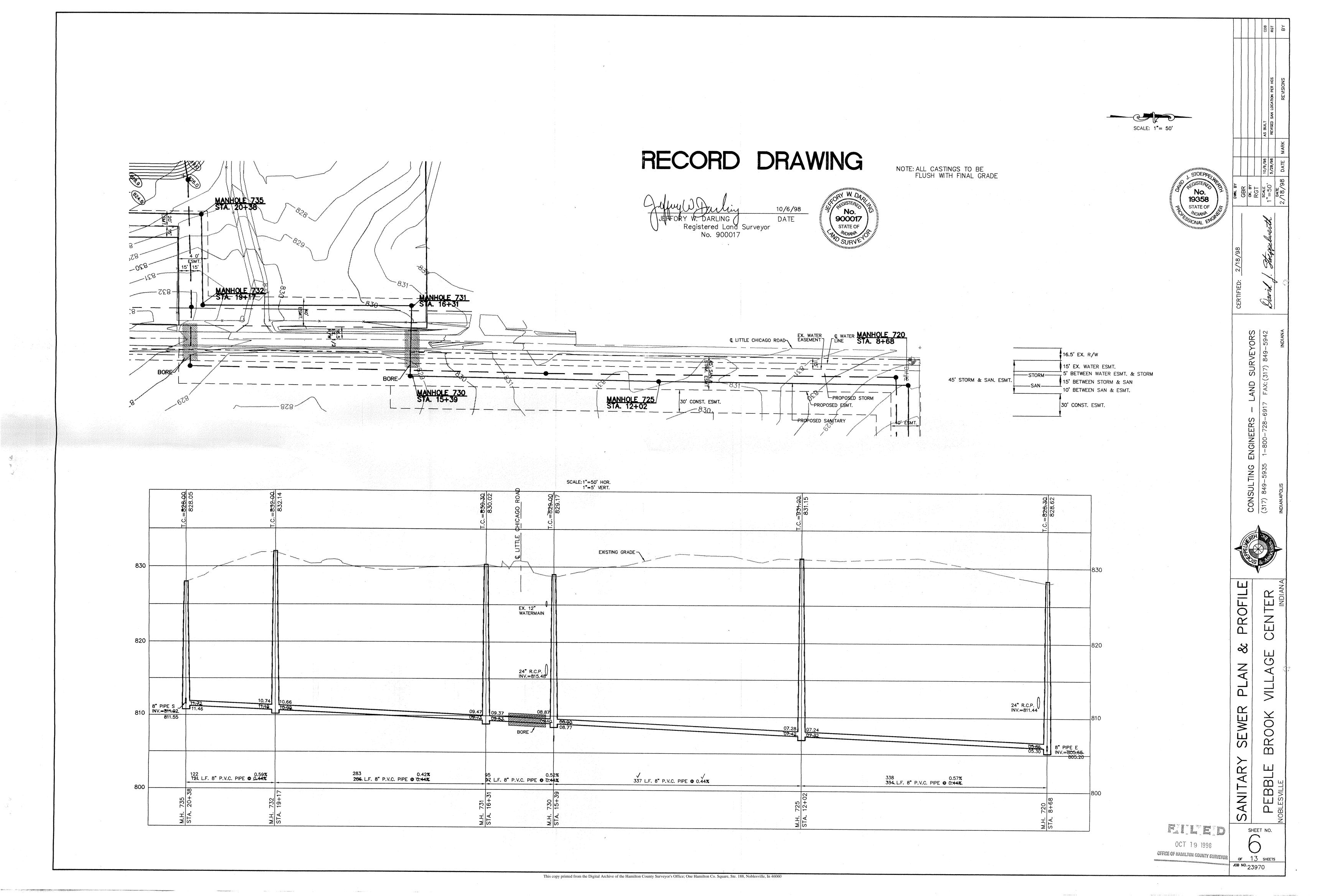
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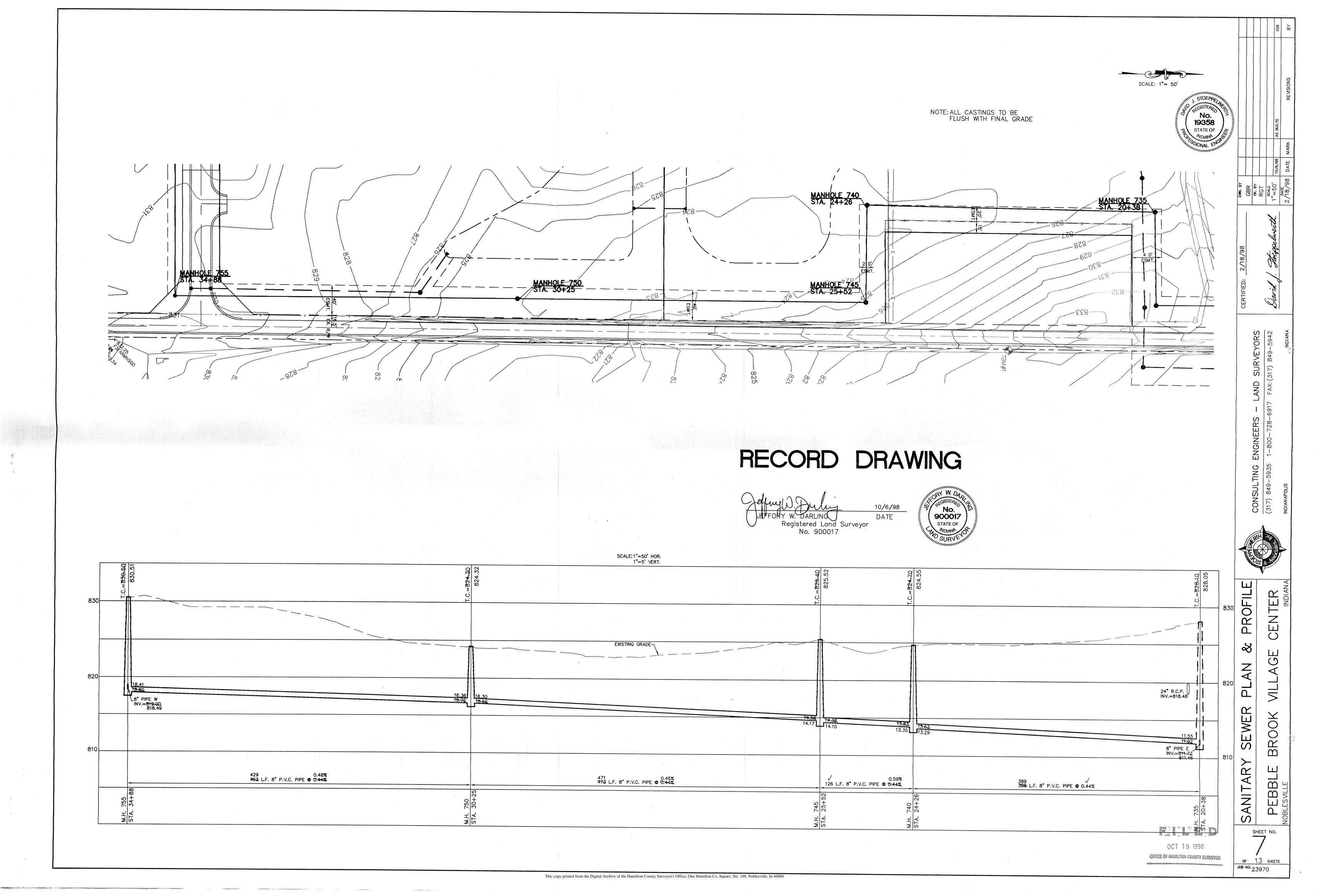
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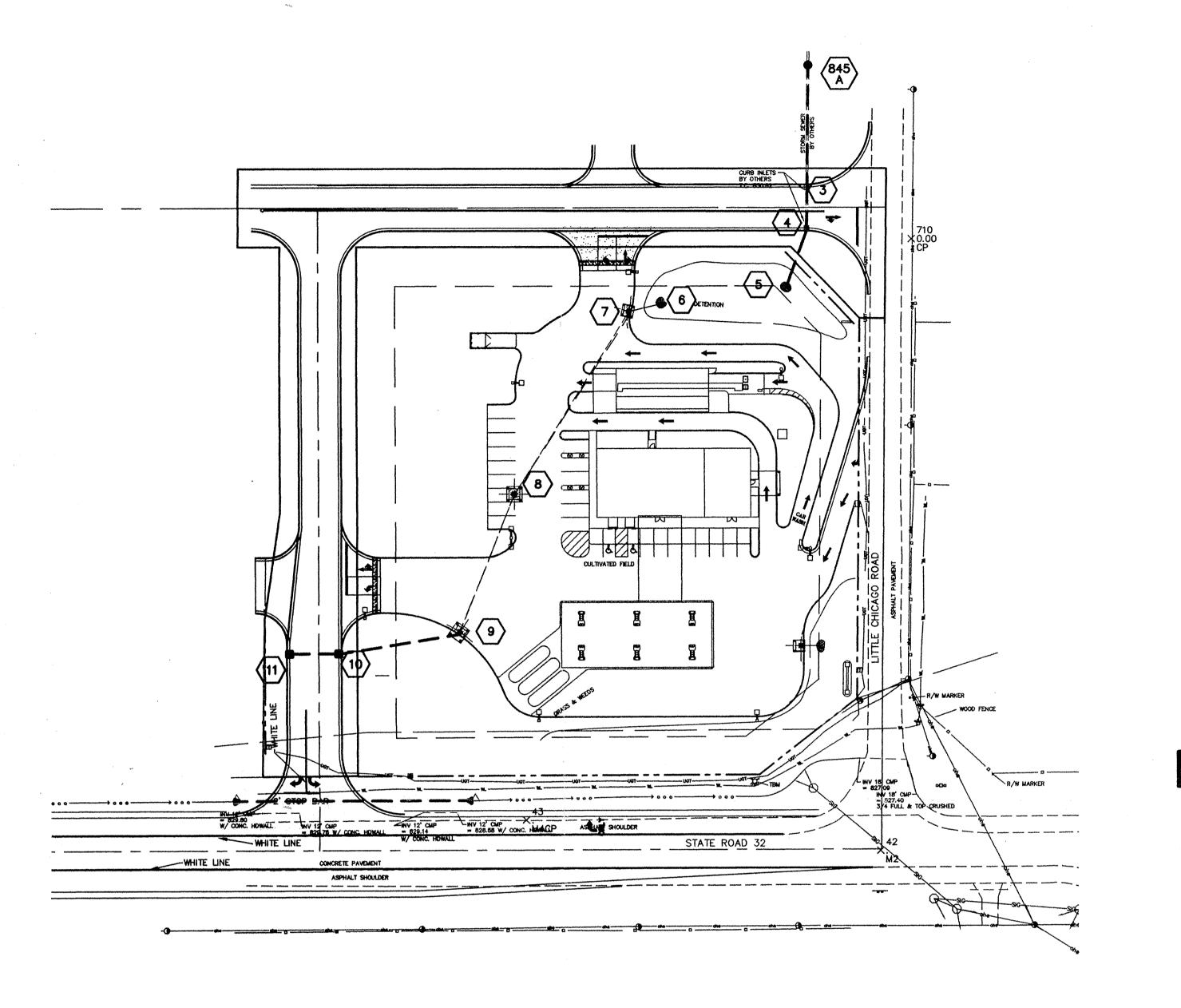
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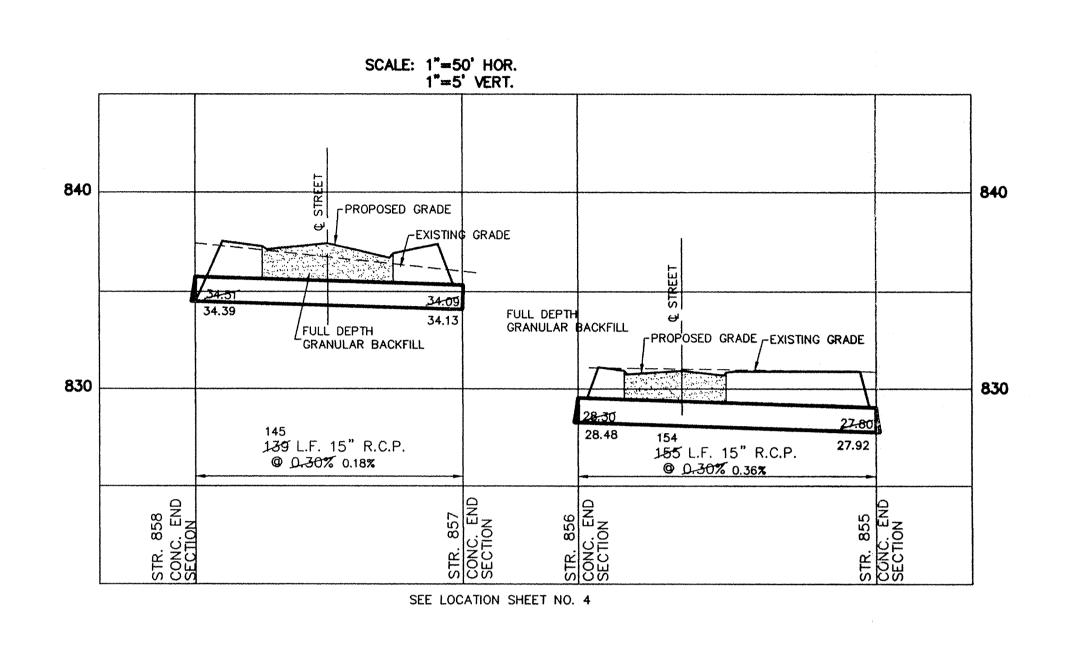
JOB NO. 23970

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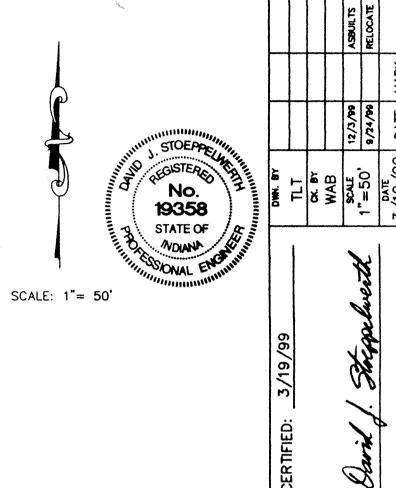








No." 900017



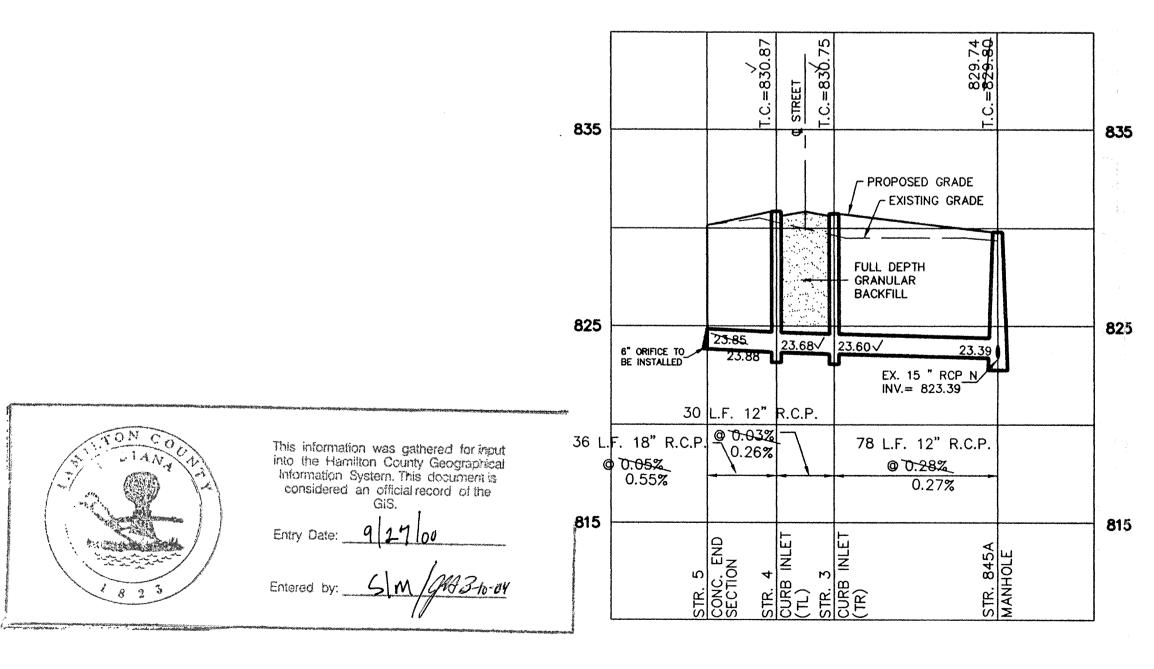
# RECORD DRAWING

JEFFORY W. DARLING Registered Land Surveyor No. 900017 STATE OF ADJANA OF SURVENING

INLET & MANHOLE STRUCTURE TABLE							
PIPE	DEPTH	MINIMUM SIZE STRUCTURE	STEPS REQUIRED				
15" or LESS	0-3'	2'x2' BOX	NO				
15" or LESS	3'-5'	2'x3' BOX	YES				
15" to 24"	3'-5'	3'x3' BOX	YES				
ALL PIPES	5' & DEEPER	MANHOLE	YES				
24"-GREATER	ALL DEPTHS	MANHOLE	YES				

\* Manholes to confirm to ASTM 475

				SCALE: 1"=50' 1"=5' \	HOR. VERT.			
075	830.41 T.C.=839.24	STREET-2 830.14 T.C.=839.24	830.49 T.C.=839.60	831.12 T.C.=831.15	831.47	001		975
835		C STI	EXISTING GRADE	PROPOSED GRADE	FULL DEPTH GRANULAR BACKFILL			835
825		25 <del>.7</del> 6. 26.12	FULL DEPTH GRANULAR BACKFILL 25.65 25.64 25.44 25.42	25.42 <sup>25.44</sup> 25.13	25.07 25.13 24.57 24.71	24.66	24.25	825
					BY OTHERS	¥ -	1	<b>02</b> 3
R.C.	N.T.S. 36 L.F. 12"_ P. <b>©</b> <del>0.30</del> %		N.T.S. 77 L.F. 15" R.C.P. @ <del>0.30</del> % 0.26%	97 L.F. 18" R.C.P. @ <del>0.30</del> % 0.32%	0.35% 140 L.F. 18" R.C.P. @ 0.39% 18 L.F. 18" R.C.P. @ 0.39%	<del> </del>		045
815	1.33% = 	B INLE	CURB INLET (TR)	CURB INLET	1,77% N N N E N E N E N E N E N E N E N E N	STR. / CURB INLET STR. 6	CONC. END SECTION	<b>815</b>





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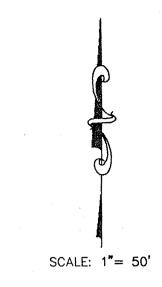
CONSULTING (317) 849-5935

CENTER PROFILE SE સ્ર BROOK VILLA PLAN SEWER

JUL 19 2000 STORM OFFICE OF HAMILTON COUNTY SURVEYOR

PEBBLE SHEET NO. OF 11 SHEETS JOB NO. 23970

NOTE: ALL CASTINGS TO BE FLUSH WITH FINAL GRADE



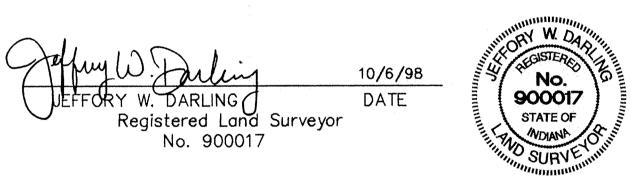
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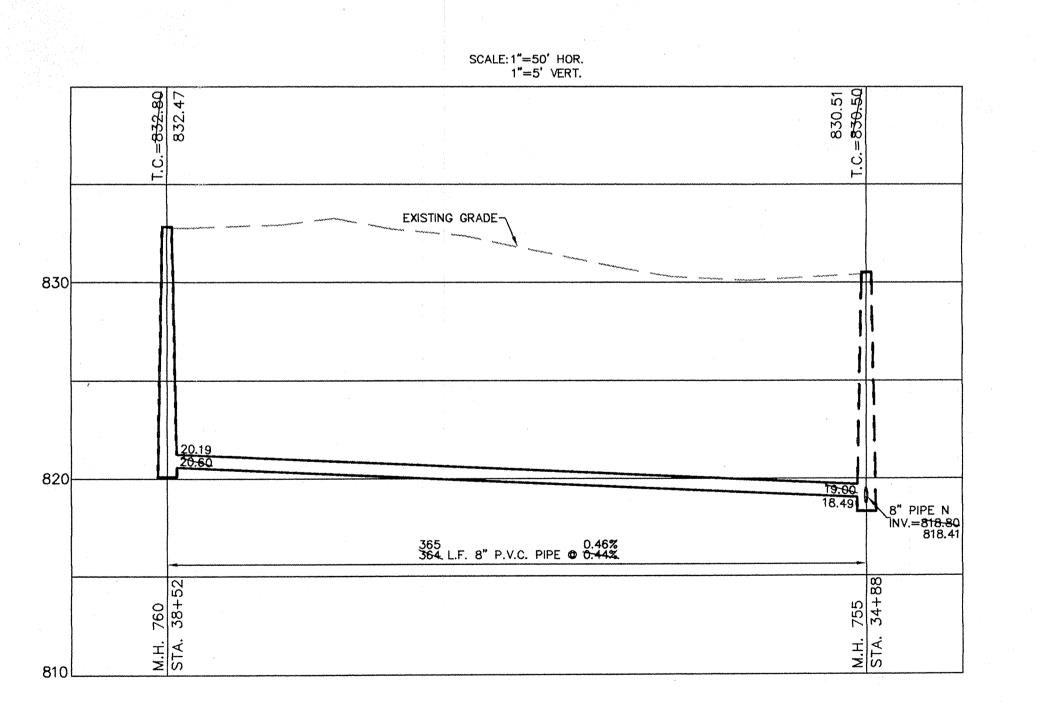
PROFILE

8 PLAN SEWER SANITARY

OFFICE OF HAMILTON COUNTY SURVEYOR

# RECORD DRAWING



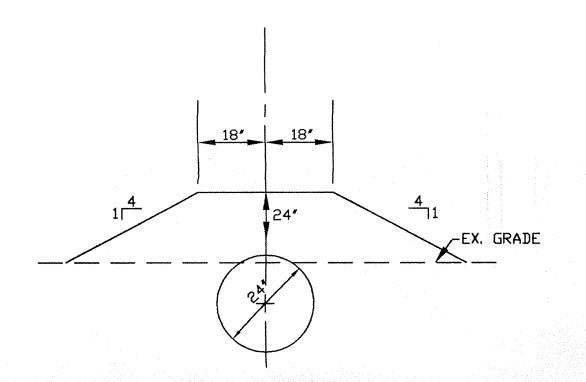


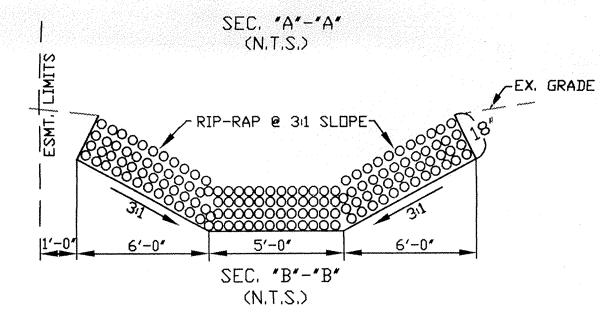
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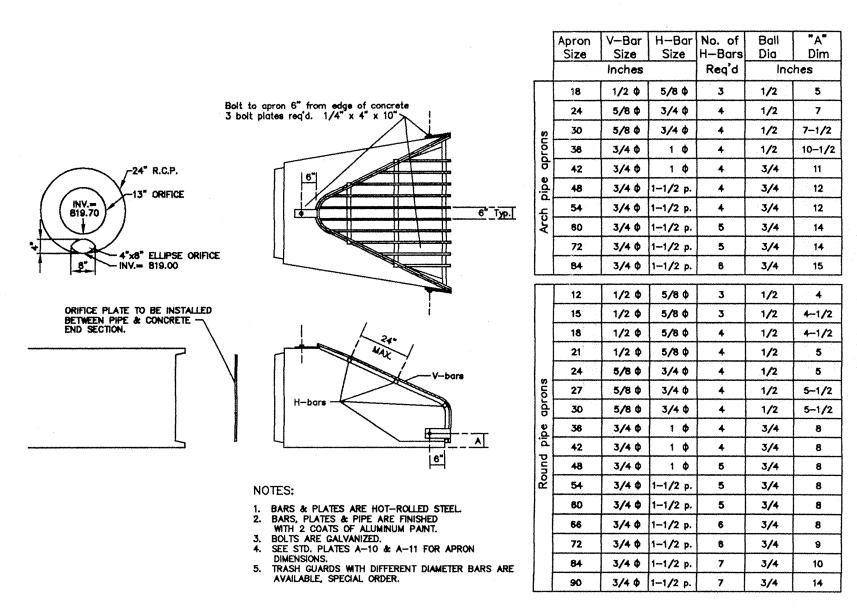
SHEET NO. оғ 13 sheets JOB NO. 23970

# STORM TABLE

STR. NO.	TYPE	TC/RIM	INVERTS
804	CONC. END SECTION	***************************************	806.00
805	MANHOLE	<b>822.</b> 60	808.09
810	MANHOLE	828.50	811.05
815	MANHOLE	832.00	814.16
820	MANHOLE	830.00	817.28
821	MANHOLE	826.30	818.78
830	CONC. END SECTION	***************************************	819.00
835	CONC. END SECTION		819.60
840	MANHOLE	826.00	819.97
845	CURB INLET W/MANHOLE	830.49	824.92
850	CURB INLET W/MANHOLE	830.49	825.10
855	CONC. END SECTION		819.60
860	CONC. END SECTION		819.00







TRASH GUARD & ORIFICE PLATE FOR CONC. APRONS NOT-TO-SCALE

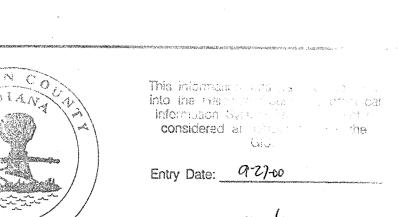
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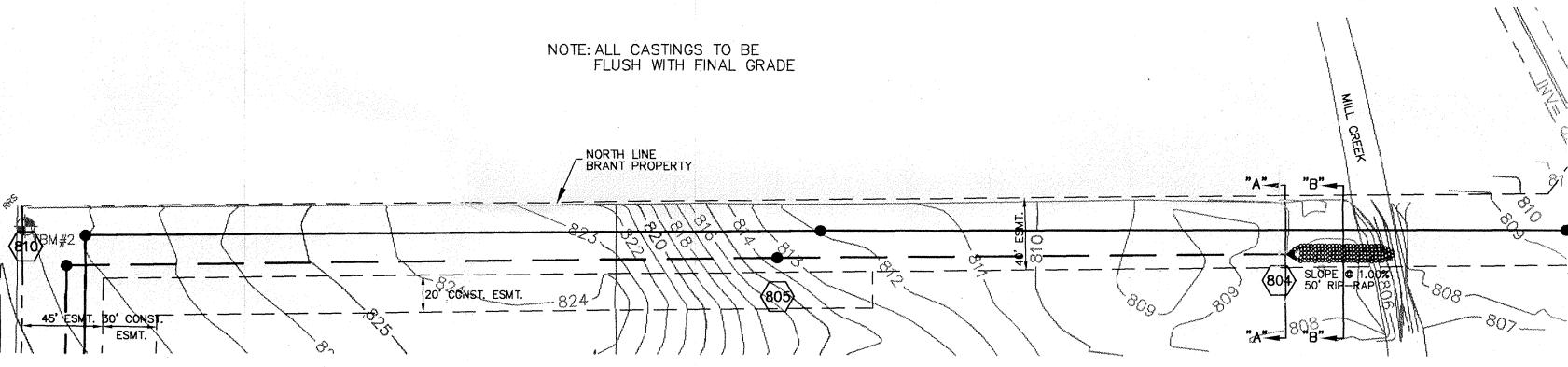


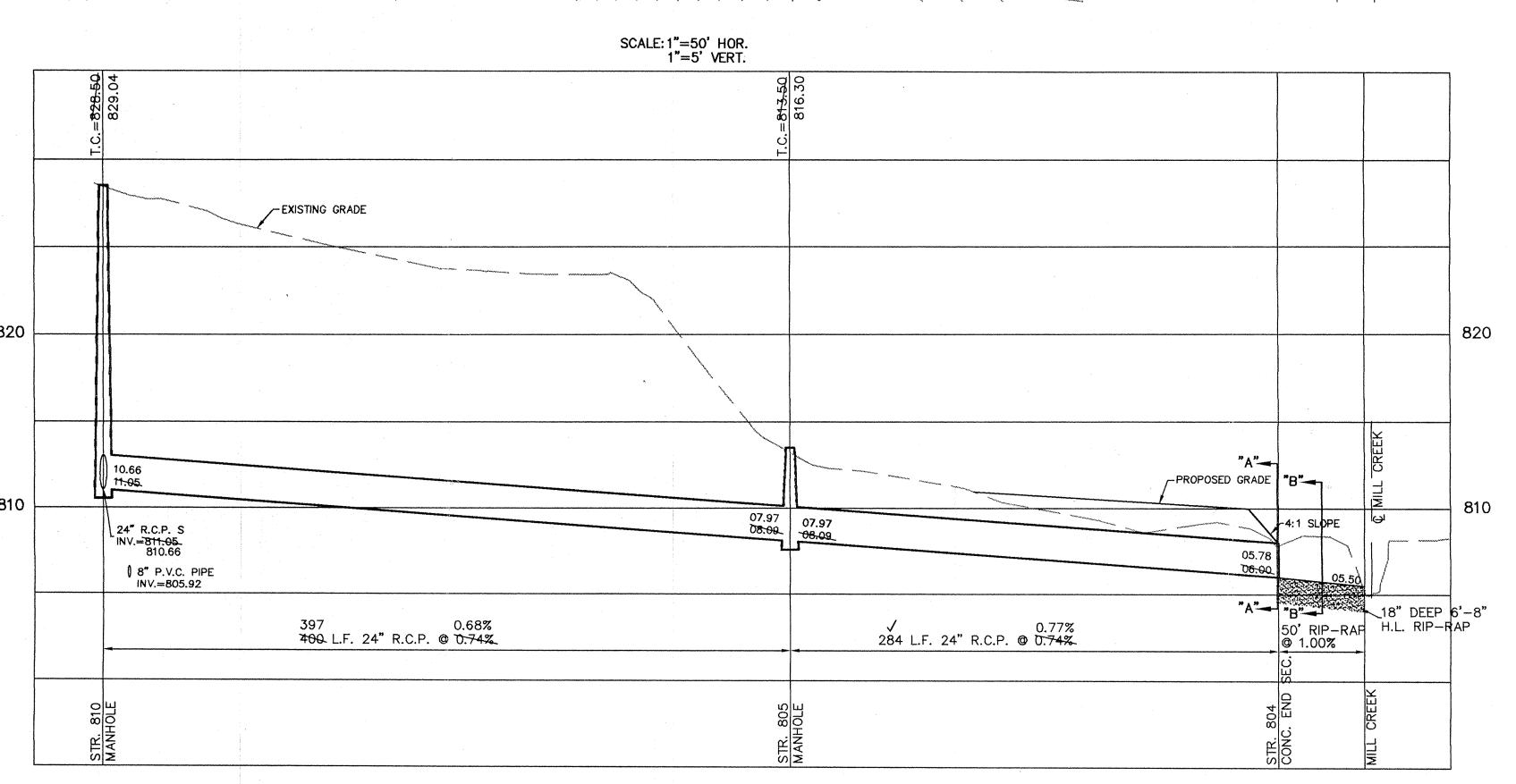




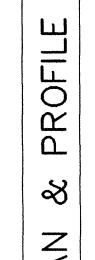


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PLAN SEWER STORM

EILED OCT 19 1998 OFFICE OF HAMILTON COUNTY SURVEYOR

SHEET NO. JOB NO. 23970

