

**Drain:** TREESDALE DRAIN **Drain #:** 27  
**Improvement/Arm:** TREESDALE - SECTION 2  
**Operator:** JOH **Date:** 8-6-04  
**Drain Classification:** Urban/Rural **Year Installed:** 2000

### GIS Drain Input Checklist

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

Gasb 34 Footages for Historical Cost  
Drain Length Log

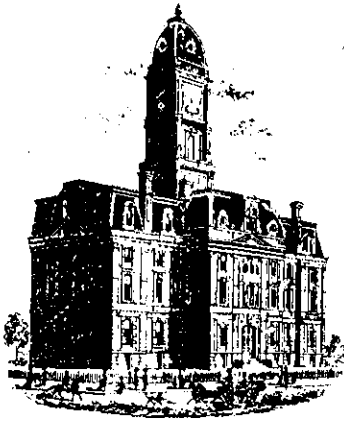
Drain-Improvement: TREESDALE DRAIN - TREESDALE SECTION

Drain Type:	Size:	Length <i>SURVEYOR REPORT</i>	Length (DB Query)	Length Reconcile	Applicable	
					Price:	Cost:
<i>SSD</i>	<i>6"</i>	<i>2080'</i>	<i>2080'</i>	<i>Ø</i>		
<i>RCP</i>	<i>12"</i>	<i>852'</i>	<i>852'</i>	<i>Ø</i>		
	<i>18"</i>	<i>332'</i>	<i>332'</i>	<i>Ø</i>		

Sum: \_\_\_\_\_

Final Report: \_\_\_\_\_

Comments:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



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

April 5, 2000

Re: Treesdale Drain, Section 1 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Treesdale 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	1,898 ft	18" RCP	332 ft
12" RCP	852 ft	27" RCP	56 ft

The total length of the drain will be 3,138 feet.

The retention ponds (lakes) located in Common Areas "A" and "B" are 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 ponds (lakes) 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. Only the main SSD lines which are located within the easement/right of way are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain.

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 \$35.00 per lot, \$5.00 per acre for roadways, with a \$35.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$735.00.

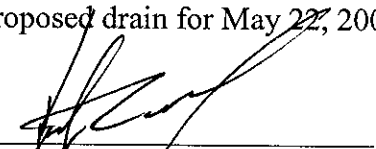
Parcels assessed for this drain shall also be assessed for the Fitch & Jessup Drain.

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 Treedale Section 1 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for May 22, 2000.

KCW/kkw



---

Kenton C. Ward  
Hamilton County Surveyor

Except so far as otherwise expressly stated this credit is subject to the "Uniform Customs and Practice for Documentary Credits of the International Chamber of Commerce, Presently in Effect".



# Fifth Third Bank

INTERNATIONAL DEPARTMENT

38 Fountain Square Plaza / Cincinnati, Ohio 45263

Phone (513) 579-5220

Telex number: 21-4567



Cable address: FIFTH THIRD

ISSUING BANK:  
Fifth Third Bank  
International Division  
38 Fountain Square Plaza  
Cincinnati, Ohio 45263

IRREVOCABLE STANDBY CREDIT  
NUMBER: SB12056

PAGE 1 of 2

PLACE AND DATE OF ISSUE  
Cincinnati, Ohio 45263  
23 Mar. 2000

EXPIRY DATE AND PLACE FOR PRESENTATION  
OF DOCUMENTS: 23 Mar. 2001  
Our counters

APPLICANT:  
LUCKY LLC  
2643 TOWNE DRIVE  
CARMEL IN 46032

BENEFICIARY:  
HAMILTON COUNTY BOARD OF  
COMMISSIONERS  
1717 PLEASANT STREET  
NOBLESVILLE IN 46038

AMOUNT: USD140,500.00  
One hundred forty thousand five  
hundred and 00/100  
United States Dollars

WE HEREBY ESTABLISH OUR IRREVOCABLE STANDBY LETTER OF CREDIT NO. SB12056 IN YOUR FAVOR, AT THE REQUEST AND FOR THE ACCOUNT OF LUCKY LLC, 2643 TOWNE DRIVE CARMEL IN 46032 FOR ANY SUM OR SUMS NOT EXCEEDING USD140,500.00 AVAILABLE UPON PRESENTATION BY THE DIRECTOR OF THE HAMILTON COUNTY BOARD OF COMMISSIONERS OR ANY EMPLOYEE ACTING UNDER HIS AUTHORITY. OF A LETTER SIGNED BY THE PRESIDENT OF THE HAMILTON COUNTY BOARD OF COMMISSIONERS ENUMERATING ANY AND ALL IMPROVEMENTS NOT COMPLETED AS REQUIRED FOR STORM SEWERS AND SUBSURFACE DRAINAGE FOR TREESDALE SUBDIVISION, SECTION I. THE PRESIDENT'S LETTER SHALL ALSO INDICATE THE ESTIMATED COST OF COMPLETING THE IMPROVEMENTS.

THE DRAFTS DRAWN UNDER THIS LETTER OF CREDIT MUST STATE "DRAWN UNDER LETTER OF CREDIT NO SB12056 OF FIFTH THIRD BANK, CINCINNATI, OHIO DATED MARCH 23, 2000." THE AMOUNTS OF THE DRAFTS MUST BE NOTED ON THE BACK OF THIS LETTER OF CREDIT BY THE NEGOTIATING BANK AND/OR AGENCY.

BOARD OF COMMISSIONERS  
OF THE COUNTY OF HAMILTON

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE \_\_\_\_\_

ATTEST:  
HAMILTON COUNTY AUDITOR

PLEASE

**Fifth Third Bank**

INTERNATIONAL DEPARTMENT

38 Fountain Square Plaza / Cincinnati, Ohio 45263

Phone (513) 579-5220

Telex number: 21-4567

Cable address: FIFTH THIRD

NUMBER SB12056

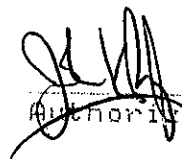
PAGE 2 of 2

THIS LETTER OF CREDIT IS EFFECTIVE AS OF MARCH 23, 2000, AND SHALL EXPIRE ON MARCH 23, 2001, BUT SUCH EXPIRATION DATE SHALL BE AUTOMATICALLY EXTENDED FOR A PERIOD OF ONE YEAR, ON MARCH 23, 2001, AND ON EACH SUCCESSIVE EXPIRATION DATE, UNLESS A RELEASE IS RECEIVED FROM THE HAMILTON COUNTY BOARD OF COMMISSIONERS, OR WE NOTIFY BOTH THE HAMILTON COUNTY BOARD OF COMMISSIONERS AND LUCKY LLC BY CERTIFIED MAIL AT LEAST NINETY (90) DAYS BEFORE THE CURRENT EXPIRATION DATE, THAT WE HAVE DECIDED NOT TO EXTEND THIS LETTER OF CREDIT BEYOND THE CURRENT EXPIRATION DATE. IN THE EVENT OF SUCH NOTIFICATION BY US, THE CREDIT ESTABLISHED BY THIS LETTER SHALL BE AVAILABLE TO THE HAMILTON COUNTY BOARD OF COMMISSIONERS UPON ITS SIGHT DRAFT OR DEMAND FOR PAYMENT FOR NINETY (90) DAYS AFTER RECEIPT OF SUCH NOTICE BY THE HAMILTON COUNTY BOARD OF COMMISSIONERS AS SHOWN ON THE SIGNED RETURN RECEIPT.

THE CREDIT ESTABLISHED BY THIS LETTER AND OUR OBLIGATION TO PAY SAME SHALL NOT BE AFFECTED BY THE RECEIVERSHIP, BANKRUPTCY OR INSOLVENCY OF LUCKY LLC OR THE ATTACHMENT OF ITS PROPERTY. NOR SHALL THIS CREDIT OR OUR OBLIGATION TO PAY SAME BE AFFECTED BY ANY SECURITY AGREEMENT BETWEEN LUCKY LLC AND OUR BANK AND /OR AGENCY.

WHENEVER THIS LETTER OF CREDIT IS DRAWN ON UNDER AND IN COMPLIANCE WITH THE TERMS OF THIS LETTER OF CREDIT, WE SHALL PAY THE AMOUNT OF THE DRAFT DIRECTLY TO THE HAMILTON COUNTY BOARD OF COMMISSIONERS OR IN ACCORDANCE WITH ITS INSTRUCTIONS.

REGARDS  
THE FIFTH THIRD BANK  
INTERNATIONAL DEPT.  
CINCINNATI, OHIO USA  
TLX 214567

  
Authorized Signature

  
Authorized Signature

Except so far as otherwise expressly stated this credit is subject to the "Uniform Customs and Practice for Documentary Credits of the International Chamber of Commerce, Presently in Effect".

**53 Fifth Third Bank**

INTERNATIONAL DEPARTMENT

38 Fountain Square Plaza / Cincinnati, Ohio 45263

Phone (513) 579-5220

Telex number: 21-4567



Cable address: FIFTH THIRD

ISSUING BANK:  
Fifth Third Bank  
International Division  
38 Fountain Square Plaza  
Cincinnati, Ohio 45263

IRREVOCABLE STANDBY CREDIT  
NUMBER: SB12058

PAGE 1 of 2

PLACE AND DATE OF ISSUE  
Cincinnati, Ohio 45263  
23 Mar. 2000

EXPIRY DATE AND PLACE FOR PRESENTATION  
OF DOCUMENTS: 23 Mar. 2001  
Our counters

APPLICANT:  
LUCKY LLC  
2643 TOWNE DRIVE  
CARMEL IN 46032

ENEFICIARY:  
HAMILTON COUNTY BOARD OF  
COMMISSIONERS  
1717 PLEASANT STREET  
NOBLESVILLE IN 46038

AMOUNT: USD42,800.00  
Forty two thousand eight hundred  
and 00/100  
United States Dollars

WE HEREBY ESTABLISH OUR IRREVOCABLE STANDBY LETTER OF CREDIT NO SB12058 IN YOUR FAVOR, AT THE REQUEST AND FOR THE ACCOUNT OF LUCKY LLC 2643 TOWNE DRIVE, CARMEL IN 46032 FOR ANY SUM OR SUMS NOT EXCEEDING USD42,800.00 AVAILABLE UPON PRESENTATION BY THE DIRECTOR OF THE HAMILTON COUNTY BOARD OF COMMISSIONERS OR ANY EMPLOYEE ACTING UNDER HIS AUTHORITY, OF A LETTER SIGNED BY THE PRESIDENT OF THE HAMILTON COUNTY BOARD OF COMMISSIONERS ENUMERATING ANY AND ALL IMPROVEMENTS NOT COMPLETED AS REQUIRED FOR EROSION CONTROL FOR TREESDALE SUBDIVISION, SECTION I. THE PRESIDENT'S LETTER SHALL ALSO INDICATE THE ESTIMATED COST OF COMPLETING THE IMPROVEMENTS.

THE DRAFTS DRAWN UNDER THIS LETTER OF CREDIT MUST STATE "DRAWN UNDER LETTER OF CREDIT NO SB12058 OF FIFTH THIRD BANK, CINCINNATI, OHIO DATED MARCH 23, 2000." THE AMOUNTS OF THE DRAFTS MUST BE NOTED ON THE BACK OF THIS LETTER OF CREDIT BY THE NEGOTIATING BANK AND/OR AGENCY.

BOARD OF COMMISSIONERS  
OF THE COUNTY OF HAMILTON

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE \_\_\_\_\_

PLEASE

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**53 Fifth Third Bank**

INTERNATIONAL DEPARTMENT

38 Fountain Square Plaza / Cincinnati, Ohio 45263

Phone (513) 579-5220

Telex number: 21-4567

Cable address: FIFTH THIRD

NUMBER SB12058  
PAGE 2 of 2

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REGARDS  
THE FIFTH THIRD BANK  
INTERNATIONAL DEPT.  
CINCINNATI, OHIO USA  
TLX 214567



Authorized Signature



Authorized Signature

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*GASB 34 – Value Calculations  
Treedale Sec. 1*

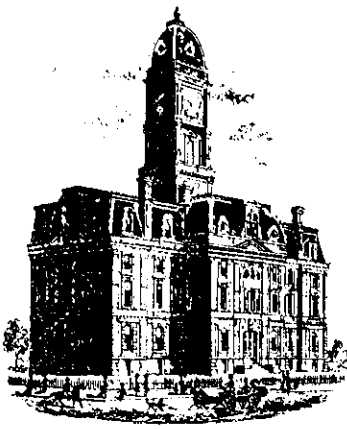
**Bonds: \$183,320.00**

**Total Feet: 5962**

**Treedale Drain (3264 ft): 55% (183320) = \$100,826**

**Fitch & Jessup Reconstruction (2698ft): 45% (183320) = \$82,494**





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

May 25, 2004

Re: Treesdale Drain: Treesdale Sec. 1

Attached are as-builts, certificate of completion & compliance, and other information for Treesdale 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 April 5, 2000. The report was approved by the Board at the hearing held May 22, 2000 (See Drainage Board Minutes Book 5, Pages 369-370). The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
300A	867	862.09				
302A	863.93	859.25	12	170		
302A	863.93	859.198				
306A	861.85	858.15	18	170		
306A	861.85	858.15				
306B	861.82	857.97	18	25		
306B	861.82	857.97				
306C		856.74	18	136		
301	866.15	362.57				
300	866.23	862.31	12	26		
300	866.23	862.31				
300A	867	862.18	12	6		
303	863.04	859.58				
302	863.24	859.45	12	26		
302	863.24	859.45				
302A	863.93	859.19	12	6		
302A	863.93	859.19				
305	863.88	860.94	12	252		
305	863.88	861.04				
304		861.26	12	68	82	14
308	360.92	857.87				
309	860.55	857.76	12	26		
309	860.55	857.76				

310		857.44	12	32	
400	859.69	856.94			
401	859.5	856.63	12	26	
401	859.5	856.63			
402		856.4	12	44	
400	859.69	857			
401A		856.94	12	10	
101		861			
101A	861.93	859.35	12	96	
101A	861.93	859.35			
102	864.37	858.39	12	64	

**6" SSD Streets:**

Treesdale	1040
<b>Total x2:</b>	<b>2080</b>

**RCP Pipe  
Totals:**

12	852
18	332

The length of the drain due to the changes described above is now **3264 feet**.

The non-enforcement was approved by the Board at its meeting on May 22, 2000 and recorded under instrument #2000-00061208.

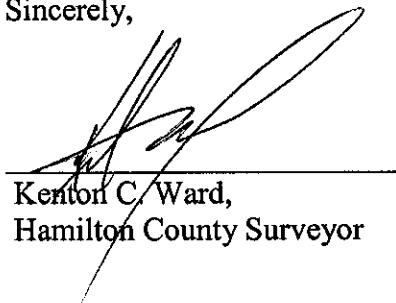
The following sureties were guaranteed by Fifth Third Bank and released by the Board on its September 23, 2002 meeting.

**Bond-LC No:** SB12058  
**Insured For:** Storm Sewers, Subsurface Drains  
**Amount:** \$140,500  
**Issue Date:** March 23, 2000

**Bond-LC No:** SB12058  
**Insured For:** Erosion Control  
**Amount:** \$42,820.00  
**Issue Date:** March 23, 2000

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

Sincerely,



Kenton C. Ward,  
Hamilton County Surveyor

KCW/slm



TOWNE LAKES SUBDIVISION

CAMDEN WALK

CAMDEN WALK SUBDIVISION

**EXISTING LEGEND**

	6" WOVEN-WIRE FENCE
	6" RAIL & POST FENCE
	UNDERGROUND TELEPHONE
	EASEMENT
	SETBACK LINE
	CENTERLINE
	GAS - GAS
	UNDERGROUND GAS MAIN
	UNDERGROUND TELECOMMUNICATIONS
	PROPERTY OF R/W LINE
	UNDERGROUND ELECTRIC LINE
	SANITARY SEWER
	EXISTING STORM SEWER
	CONCRETE PAVEMENT
	ASPHALT PAVEMENT
	CURB INLET
	6" V6" AMERITECH PHONE PEDESTAL
	ONEMERY ELECTRIC BOX
	STREET SIGN
	GAS VALVE
	FLOW ARROW
	EXISTING CONTOUR
	VEGETATION
	SANITARY MANHOLE
	EXISTING BUSH
	EXISTING TREE

**PROPOSED LEGEND**

	24" ROLLED CONCRETE CURB
	PROPOSED SANITARY SEWER
	FLOW LINE OF FITCH & JESSUP DITCH
	SUBDIVISION BOUNDARY
	ADJOINER PROPERTY LINE
	PROPOSED STORM SEWER
	STREET STATION & ELEVATION
	FLOW ARROW
	PROPOSED GRADE
	PAD ELEVATION (ROUGH GRADE)

**IWC LEGEND**

	EXISTING WATER MAIN
	EXISTING HYDRANT
	PROPOSED HYDRANT
	BUTTERFLY VALVE
	VALVE
	BLOW OFF ASSEMBLY
	PLUG
	REDUCER
	T.J. TEE
	N.J. SLEEVE
	BEND
	WORKER BLOCK
	CASING PIPE

**STORM STRUCTURE DATA**

STR. #	LOCATION	L	R	DESCRIPTION	UPSTREAM ELEVATION	DOWNSTREAM ELEVATION	TOP OF CASTING @ FL.	CASTING	REMARKS
<b>TREESDALE CIRCLE</b>									
300	2460			DETAIL 6/14	862.48	862.23	866.11	NEENAH 3505 XL	
301	2460	14		DETAIL 6/14	862.48	862.61	866.11	NEENAH 3501 TR	
300A	2460		23	DETAIL 5/14	862.17	865.09	867.10	NEENAH 1642	
302	4434		14	DETAIL 6/14	859.52	859.27	863.15	NEENAH 3501 TL	
303	4434		14	DETAIL 6/14		859.85	863.15	NEENAH 3501 TR	
302A	4434		23	DETAIL 5/14	859.21	859.13	864.20	NEENAH 1642	
304	4491		218	DETAIL 10/14	861.50			END-SECTION	DEBRIS GUARD
305	4434		272	DETAIL 6/14	861.04	860.79	864.28	NEENAH 2564	BEEHIVE
306A	6425		14	DETAIL 18/14	858.31	858.06	862.28	NEENAH 3501 TL	
306B	6425		14	DETAIL 18/14	857.93	857.68	862.28	NEENAH 3501 TR	
306C	7443		74	DETAIL 10/14		857.00		END-SECTION	RIP-RAP
306	7494		14	DETAIL 6/14	857.76	857.76	861.02	NEENAH 3501 TR	
309	7494		14	DETAIL 6/14	857.63	857.56	861.02	NEENAH 3501 TL	
310	7494		61	DETAIL 10/14	857.37			END-SECTION	RIP-RAP
<b>RETENTION POND 'A'</b>									
100	5409		348	DETAIL 10/14		858.05		END-SECTION	DEBRIS GUARD
101	4489		234	DETAIL 10/14		861.00		END-SECTION	
101A	5435		308	DETAIL 6/14	858.73	858.65	861.30	NEENAH 2564	BEEHIVE
102	5462		336	DETAIL 16/14	857.61	857.45	864.97	NEENAH 1642	
103	6437		366	DETAIL 10/14		856.53		END-SECTION	RIP-RAP
104	6468		600	DETAIL 10/14	857.07	857.10	861.02	END-SECTION	DEBRIS GUARD
105	6488		549	DETAIL 10/14		856.55	856.58	END-SECTION	RIP-RAP
<b>LIMITED COMMON AREA DRIVE</b>									
106	1425		33	DETAIL 10/14		856.53		END-SECTION	PROVIDE DEBRIS GUARD
107	1425		51	DETAIL 10/14		856.05		END-SECTION	RIP-RAP

**RECORD DRAWING**

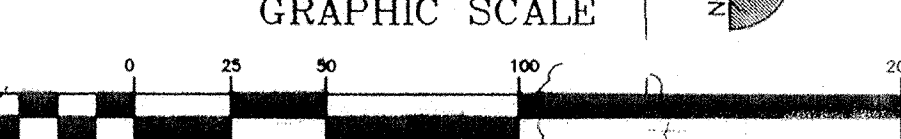
SEE PLAN & PROFILE SHEETS FOR TOP OF CASTING, INVERT ELEVATIONS AND LENGTHS OF PIPE. SLOPE PERCENTAGE REPRESENTS A CALCULATED FIGURE BETWEEN POINTS AS SHOWN. HOUSE LATERAL LOCATION, LENGTH / DEPTH INFORMATION WAS PROVIDED BY THE CONTRACTOR & NOT INCLUDED IN THIS CERTIFICATION. THIS SHEET IS FOR SWALE, DETENTION & GRADING AS-BUILT ONLY.

CERTIFIED THIS 12 DAY OF DECEMBER 2000  
KEELER-WEBB ASSOCIATES

*ALD*  
A.L. DEHART, LS  
STATE OF INDIANA  
REGISTRATION No. 29500025

**ADAM L. DEHART**  
REGISTERED  
No. 29500025  
STATE OF INDIANA  
LAND SURVEYOR

**DEVELOPMENT PLAN**

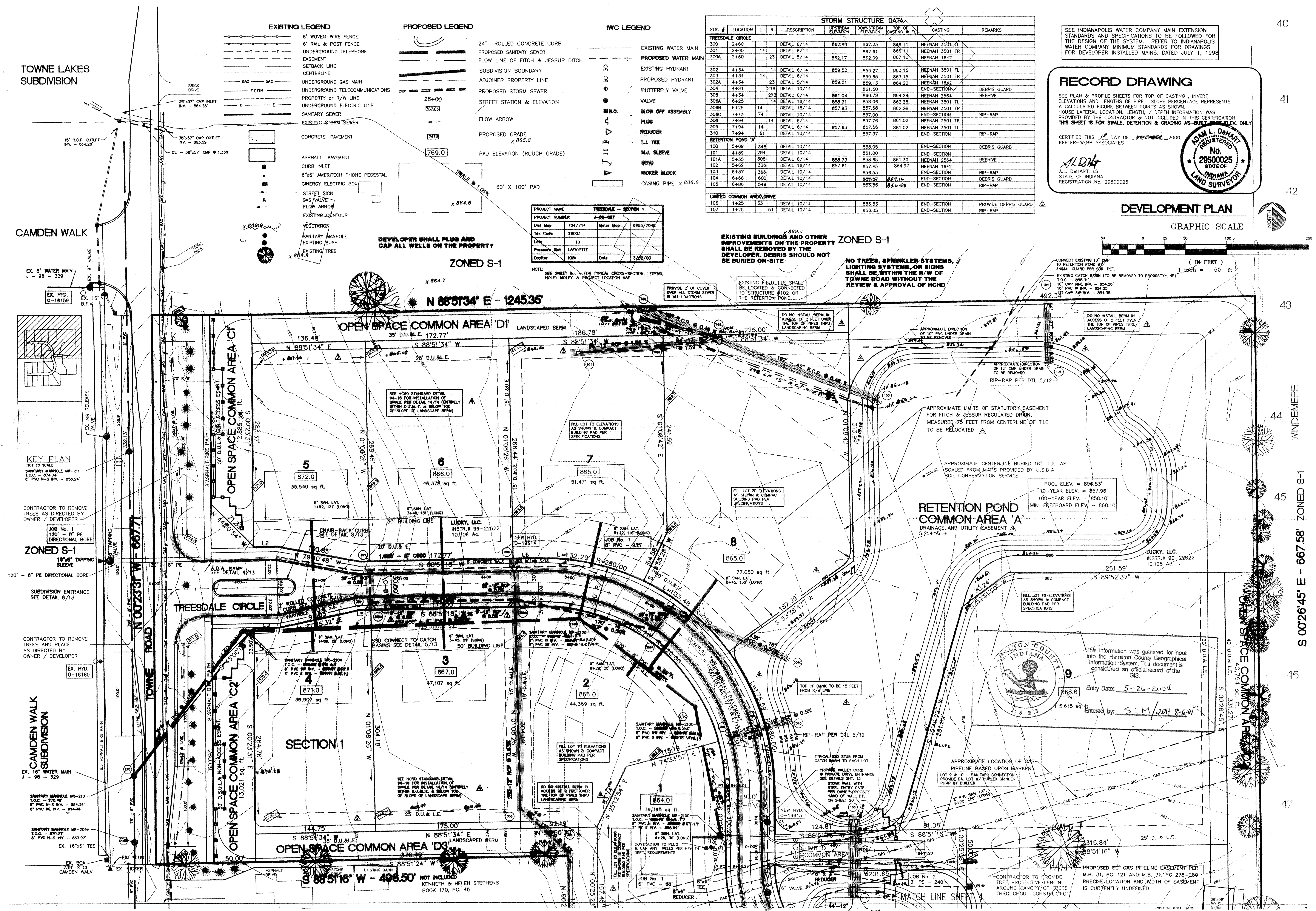


**PROJECT NAME** TREESDALE - SECTION 1  
**PROJECT NUMBER** J-00-027  
**DIST. MAP** 704/714 **METER MAP** 6955/7045  
**TAX CODE** 29003  
**LOT** 10  
**PREPARED BY** LAFAYETTE  
**DRAWN BY** KWA  
**DATE** 3/22/00

**NOTE:** SEE SHEET NO. 4 FOR TYPICAL CROSS-SECTION, LEGEND, HOLEY MOLEY, & PROJECT LOCATION MAP.

**EXISTING BUILDINGS AND OTHER IMPROVEMENTS ON THE PROPERTY SHALL BE REMOVED BY THE DEVELOPER. DEBRIS SHOULD NOT BE BURIED ON-SITE.**

**NO TREES, SPRINKLER SYSTEMS, LIGHTING SYSTEMS, OR SIGNS SHALL BE WITHIN THE R/W OF TOWNE ROAD WITHOUT THE REVIEW & APPROVAL OF HCMD.**



**KEY PLAN**  
NOT TO SCALE  
CONTRACTOR TO REMOVE TREES AS DIRECTED BY OWNER / DEVELOPER

**ZONED S-1**  
120" - 8" PE DIRECTIONAL BORE  
18" TAPPING SLEEVE

CONTRACTOR TO REMOVE TREES AND PLACE AS DIRECTED BY OWNER / DEVELOPER

SANITARY MANHOLE MR-210  
T.O.C. = 870.47  
8" PVC N-S INV. = 854.20  
8" PVC N-E INV. = 854.32

SANITARY MANHOLE MR-209A  
T.O.C. = 870.27  
8" PVC N-S INV. = 853.92  
8" PVC N-E INV. = 854.04

**ALTON COUNTY INDIANA**

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: 5-26-2004  
Entered by: SLM/JOH/S-C

PROPOSED 60" GAS PIPELINE EASEMENT PER M.B. 31, PG. 121 AND M.B. 31, PG. 278-280. PRECISE LOCATION AND WIDTH OF EASEMENT IS CURRENTLY UNDEFINED.

**KEELER-WEBB ASSOCIATES**  
Consulting Engineers-Planners-Surveyors

**RICHARD CARRIGER**  
BUILDER & DEVELOPER  
3613 E. 94th St., Suite 28  
Indianapolis, IN 46220  
317-696-0621 Fax 317-696-0600

**FRASER**  
PART OF S. 1/2 SEC. 14, NW 1/4 SECTION 20, TOWNSHIP 17 NORTH, RANGE 3 EAST, TOWNE ROAD, CARMEL, INDIANA

**DEVELOPMENT PLAN**

DRAWN BY: PAW  
CHECKED BY: ALD  
PROJECT No. 9905-008  
SHEET No. 3

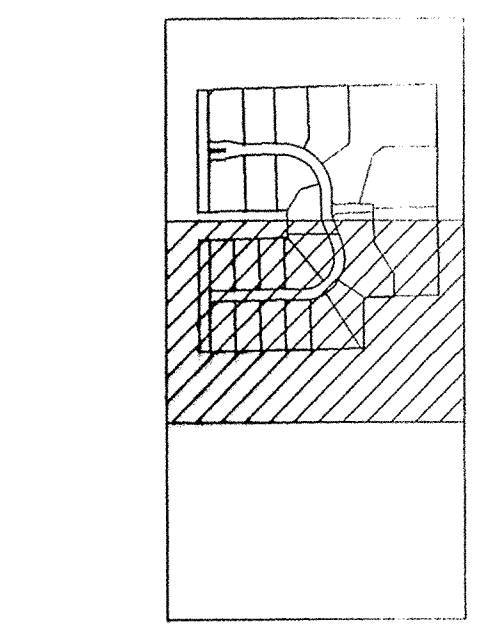


MATCH LINE SHEET 3

DEVELOPER SHALL PLUG AND CAP ALL WELLS ON THE PROPERTY

NOT INCLUDED  
KENNETH & HELEN STEPHENS  
BOOK 170, PG. 46

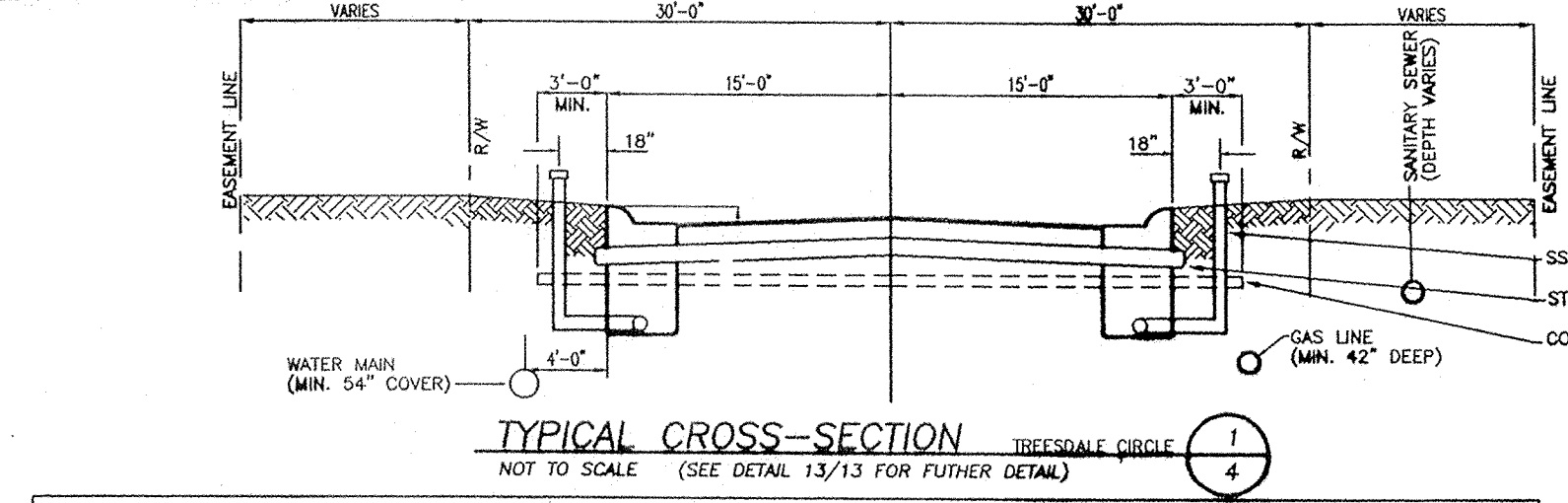
EXISTING BUILDINGS AND OTHER IMPROVEMENTS ON THE PROPERTY SHALL BE REMOVED BY THE DEVELOPER. DEBRIS SHOULD NOT BE BURIED ON-SITE



1-800-393-3544  
CALL TOLL FREE  
-800-428-5200  
NOT CALLED OUTSIDE OF INDIANA

- EXISTING LEGEND**
- 4" WOODEN-WIRE FENCE
  - 6" RAIL & POST FENCE
  - UNDERGROUND TELEPHONE (AS SHOWN)
  - SETBACK LINE
  - CENTERLINE
  - GAS - GAS UNDERGROUND GAS MAIN
  - T-COM UNDERGROUND TELECOMMUNICATIONS
  - PROPERTY or R/W LINE
  - UNDERGROUND ELECTRIC LINE
  - SANITARY SEWER
  - EXISTING STORM SEWER
  - CONCRETE PAVEMENT
  - ASPHALT PAVEMENT
  - CURB BUILT
  - 6"x8" AMERITECH PHONE PEDESTAL
  - ENERGY ELECTRIC BOX
  - STREET SIGN
  - GAS VALVE
  - FLOW ARROW
  - EXISTING CONTOUR

- PROPOSED LEGEND**
- 24" ROLLED CONCRETE CURB
  - PROPOSED SANITARY SEWER
  - FLOW LINE OF FITCH & JESSUP DITCH
  - SUBDIVISION BOUNDARY
  - ADJOINER PROPERTY LINE
  - PROPOSED STORM SEWER
  - STREET STATION & ELEVATION
  - FLOW ARROW
  - PROPOSED GRADE
  - PAD ELEVATION (ROUGH GRADE)
  - 60' x 100' PAD
- MVC LEGEND**
- EXISTING WATER MAIN
  - PROPOSED WATER MAIN
  - EXISTING HYDRANT
  - PROPOSED HYDRANT
  - BUTTERFLY VALVE
  - VALVE
  - BLOW OFF ASSEMBLY
  - PLUG
  - REDUCER
  - T.J. TEE
  - M.J. SLEEVE
  - BEND
  - KICKER BLOCK
  - CASING PIPE



**STORM STRUCTURE DATA**

STR. #	LOCATION	L	R	DESCRIPTION	UPSTREAM ELEVATION	DOWNSTREAM ELEVATION	TOP OF CASTING @ ft.	CASTING	REMARKS
<b>TREESDALE CIRCLE</b>									
400A	10+30	20		DETAIL 10/14	857.00	857.67	857.67	END-SECTION	RIP-RAP
400	10+25	14		DETAIL 6/14	856.87	856.82	856.82	NEENAH 3501 TL	
401	10+25	14		DETAIL 6/14	856.79	856.62	856.67	NEENAH 3501 TR	
402	10+38	57		DETAIL 10/14	856.40	856.40	856.40	END-SECTION	RIP-RAP
<b>OFF-SITE STORM</b>									
108	0+86			DETAIL 10/14	856.05			END-SECTION	PROVIDE DEBRIS GUARD
109	0+10			DETAIL 10/14	856.44			END-SECTION	RIP-RAP

**RECORD DRAWING**

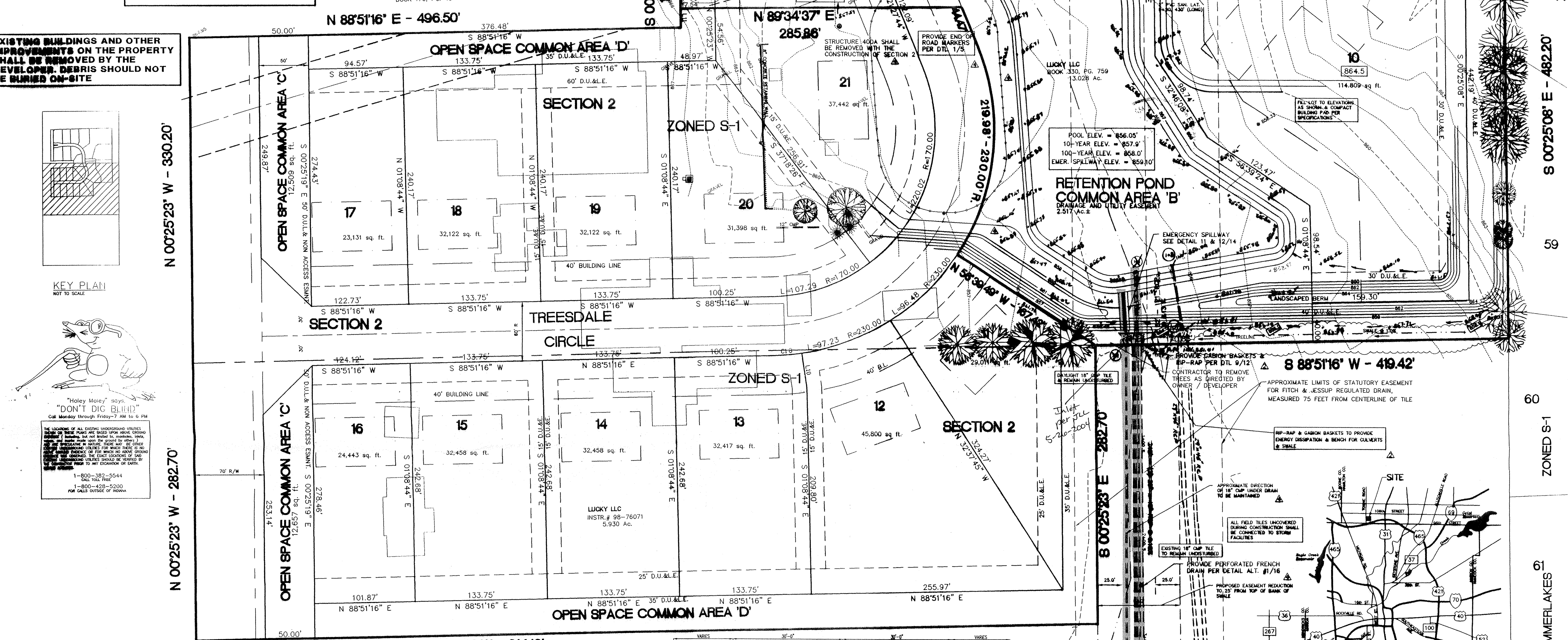
SEE PLAN & PROFILE SHEETS FOR TOP OF CASTING - INVERT - ELEVATIONS AND LENGTHS OF PIPE. SLOPE PERCENTAGE REPRESENTS A CALCULATED FIGURE BETWEEN POINTS AS SHOWN. HOUSE LATERAL LOCATION, LENGTH, / DEPTH INFORMATION WAS PROVIDED BY THE CONTRACTOR & NOT INCLUDED IN THIS CERTIFICATION. THIS SHEET IS FOR SMALL, DETENTION & GRADING AS-BUILT SPOT ELEV. ONLY

CERTIFIED THIS 1<sup>ST</sup> DAY OF FEBRUARY, 2000  
KEELER-WEBB ASSOCIATES

ADAM L. DEHART  
REGISTERED  
NO. 29500025  
STATE OF INDIANA  
LAND SURVEYOR

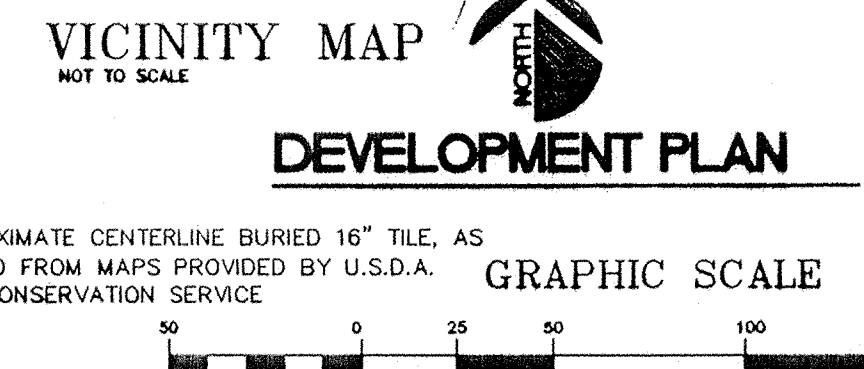
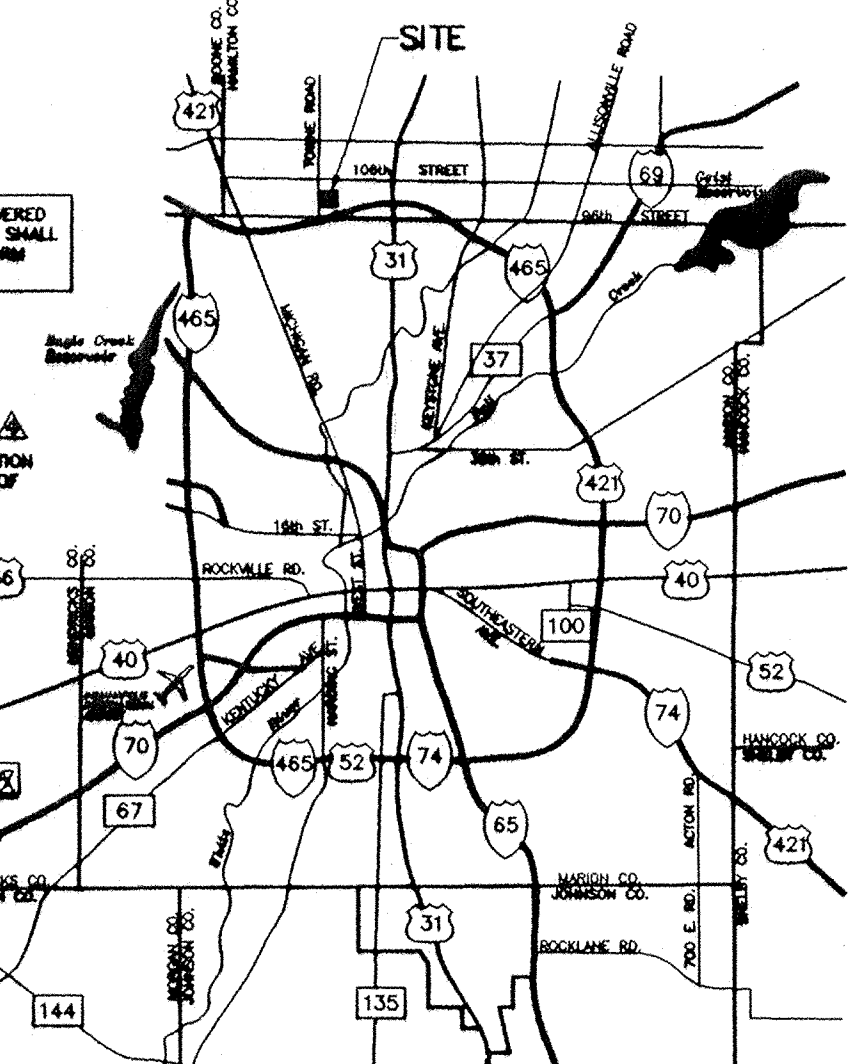
OFF-SITE DRAINAGE OUTLET TO BE CONSTRUCTED IN ACCORDANCE WITH THE RULING BY HAMILTON CO. DRAINAGE BOARD

MATCH LINE SHEET 5



POOL ELEV. = 856.05'  
10-YEAR ELEV. = 857.9'  
100-YEAR ELEV. = 858.0'  
EMER. SPILLWAY ELEV. = 859.10'

RETENTION POND COMMON AREA 'B'  
2.517 AC.±



**INDIANAPOLIS WATER COMPANY PROJECT LEGEND**

PROJECT NAME	TREESDALE - SECTION 1			
PROJECT NUMBER	J-00-027			
Job #	Street Name	Pipe Size	Pipe Type	Total Pipe
1	TREESDALE CIRCLE	8"	FE	120'
	TREESDALE CIRCLE	8"	FVC	935'
	TREESDALE CIRCLE	6"	FVC	68'
2	PRIVATE DRIVE	3"	FE	240'
			Total	1363'±

**KEELER-WEBB ASSOCIATES**  
Consulting Engineers-Planners-Surveyors  
KWA  
1810 E. MAIN ST. #644 26  
INDIANAPOLIS, IN. 46240  
TELEPHONE (317) 574-0140  
FAX (317) 574-0140  
CARMEL, INDIANA 46032

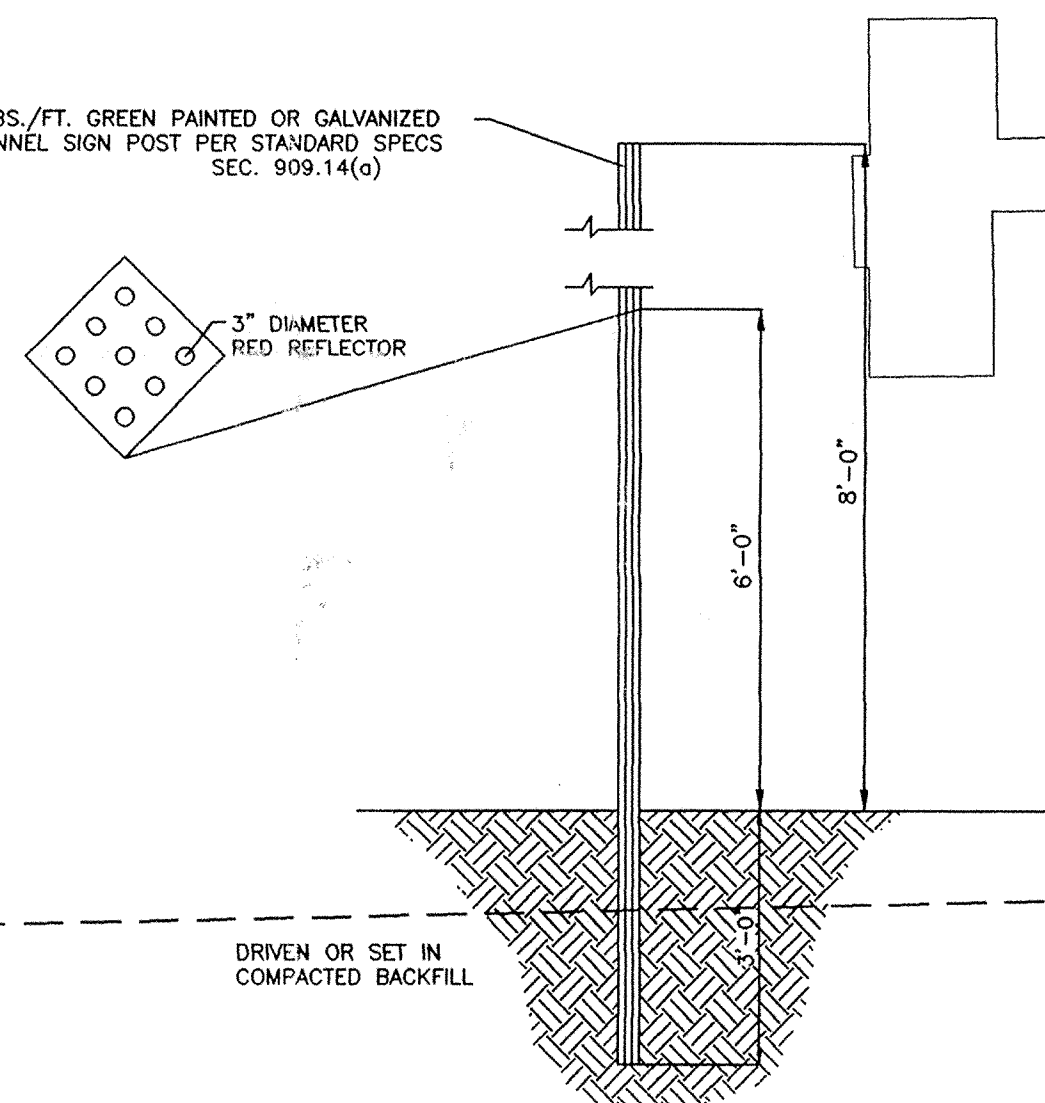
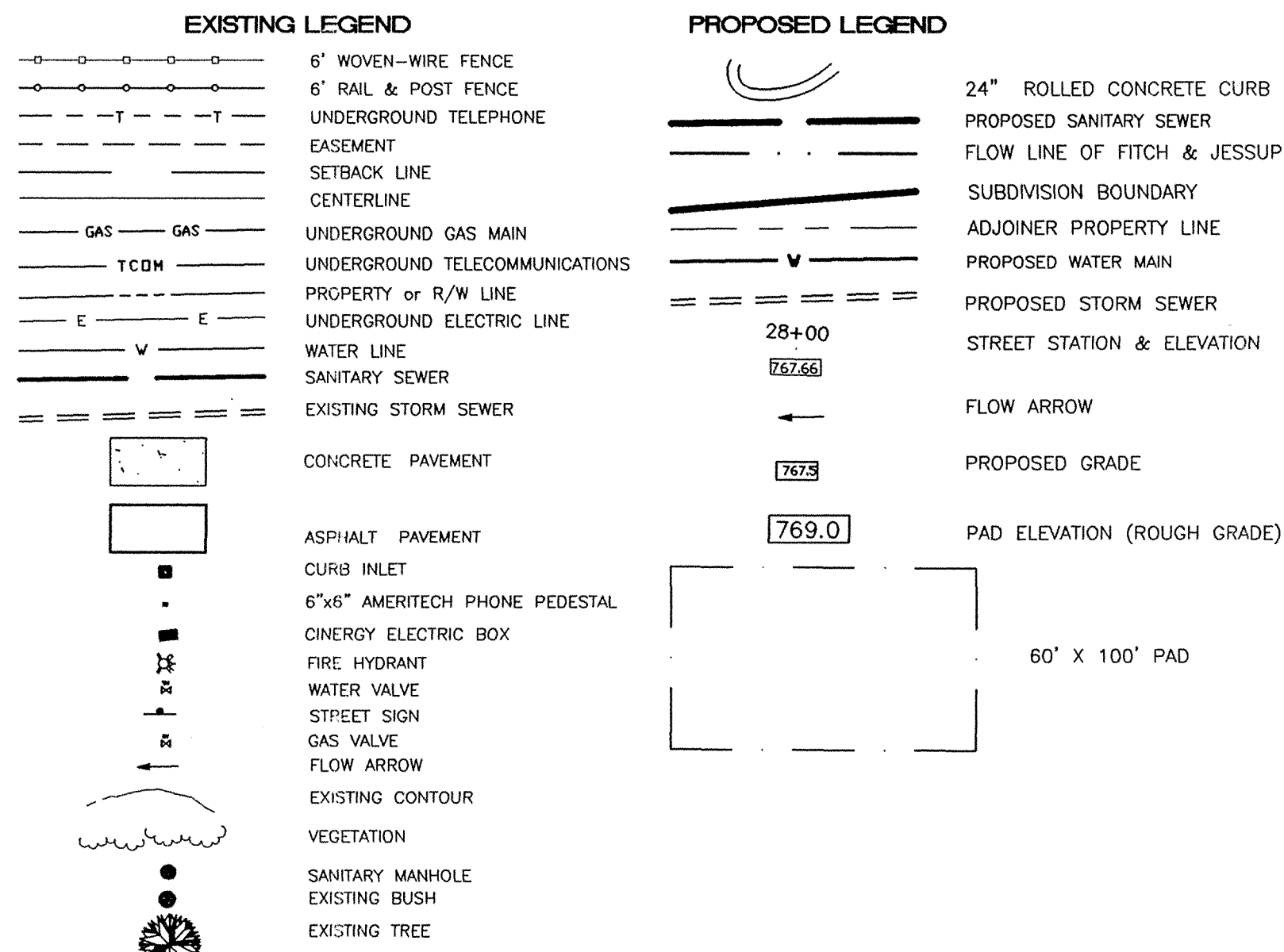
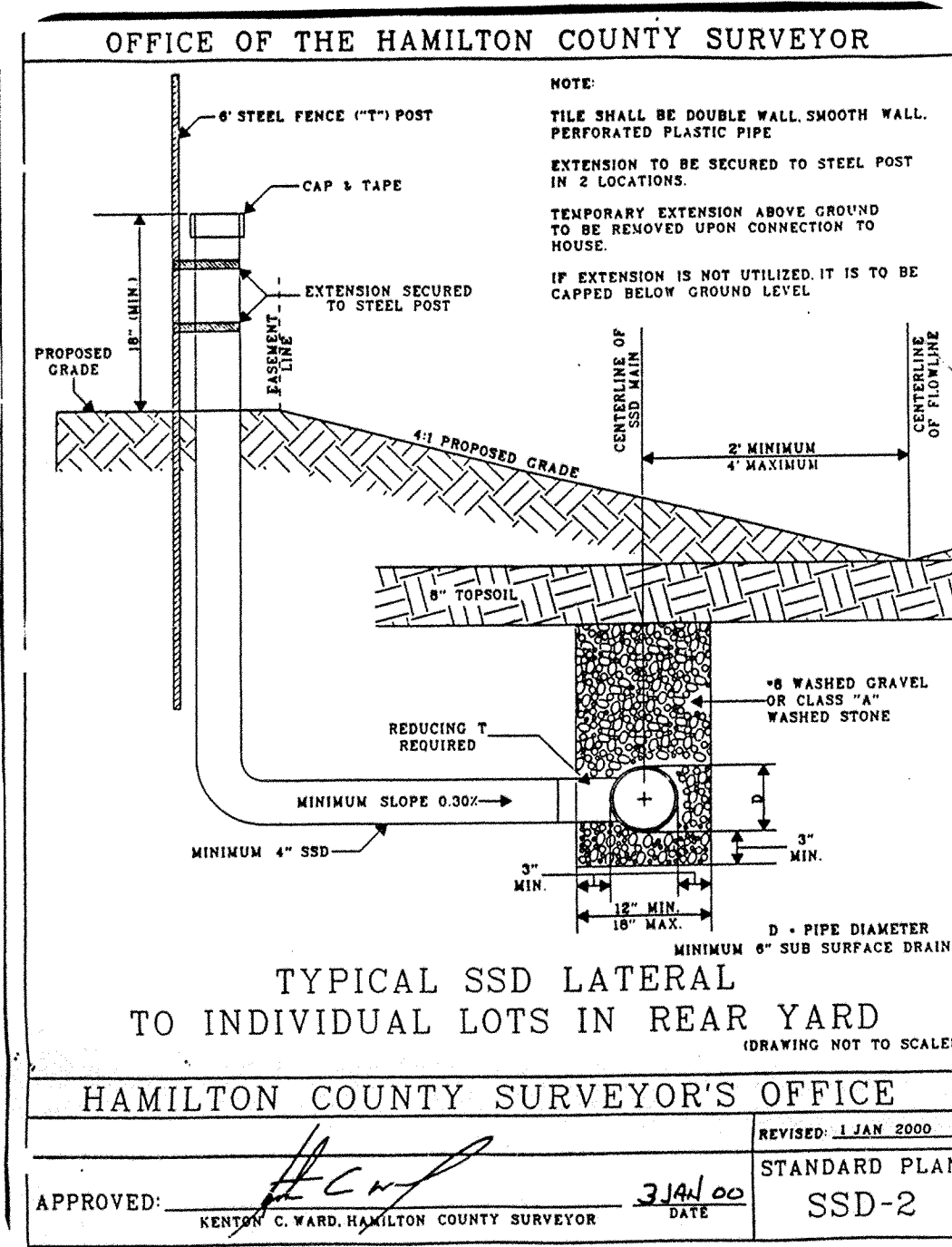
**RICHARD CARRIGER**  
BUILDER & DEVELOPER  
1810 E. MAIN ST. #644 26  
INDIANAPOLIS, IN. 46240  
317-645-8251 FAX 645-8580

**TREESDALE**  
PART OF S 1/2SW 1/4 NW 1/4  
SECTION 8 TOWNSHIP 17 NORTH RANGE 9 EAST  
TOWNE ROAD  
CARMEL, INDIANA

ISSUE FOR  
DATE 12/18/99  
TAC REVIEW 2/28/00  
REVISIONS 5/02/00  
INC REVISIONS 4/17/00  
INC & SURVEYOR REVISIONS 5/16/00  
SURVEYOR REVISIONS 6/12/00

DEVELOPMENT PLAN  
DRAWN BY: PAW  
CHECKED BY: ALD  
PROJECT NO. 9905-008  
SHEET NO.





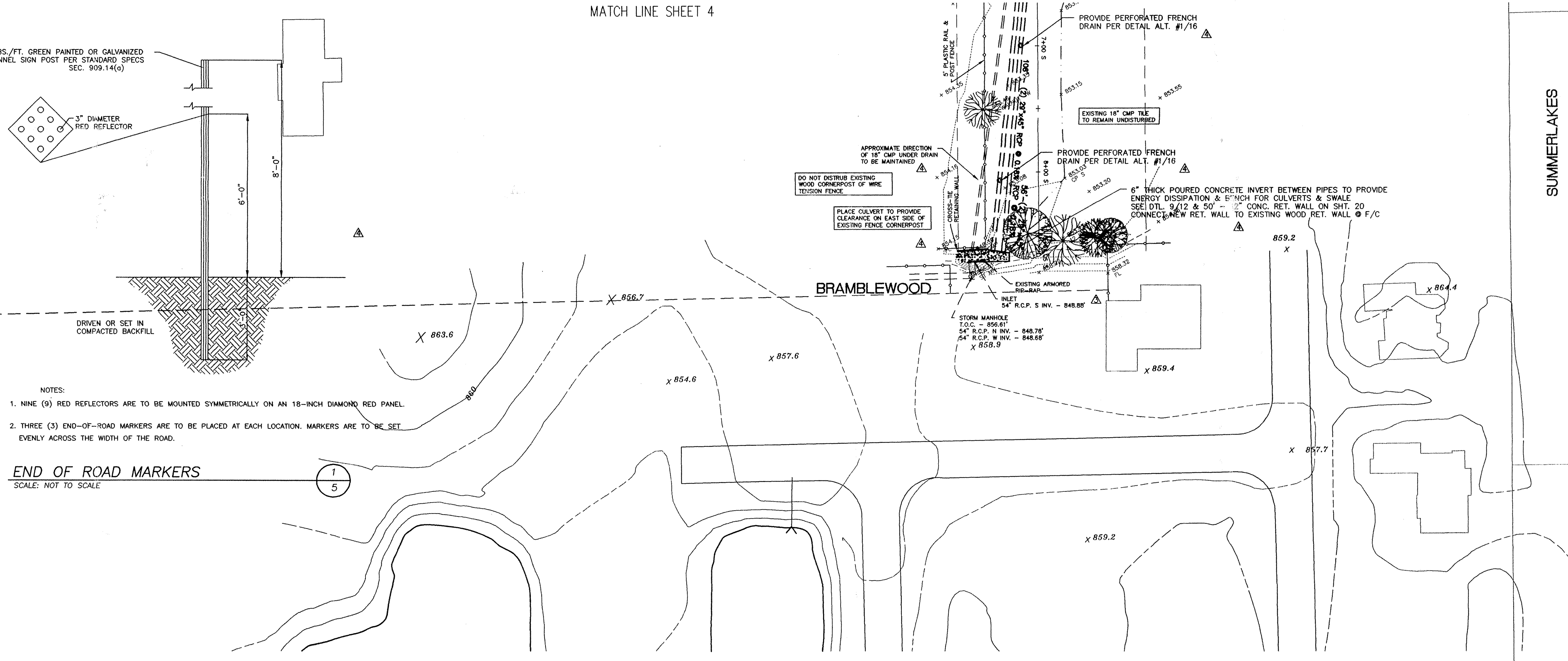
STORM STRUCTURE DATA

STR. #	LOCATION	L	R	DESCRIPTION	UPSTREAM ELEVATION	DOWNSTREAM ELEVATION	TOP OF CASTING @ FL	CASTING	REMARKS
112	7+99 S			DETAIL 9/8		849.20			END-SECTION DEBRIS GUARD
113	8+57 S	43		DETAIL 9/8		848.98			END-SECTION DEBRIS GUARD

DEVELOPER SHOULD PLUG AND CAP ALL WELLS ON THE PROPERTY

EXISTING BUILDINGS AND OTHER IMPROVEMENTS ON THE PROPERTY SHOULD BE REMOVED BY THE DEVELOPER. DEBRIS SHOULD NOT BE BURIED ON-SITE

MATCH LINE SHEET 4



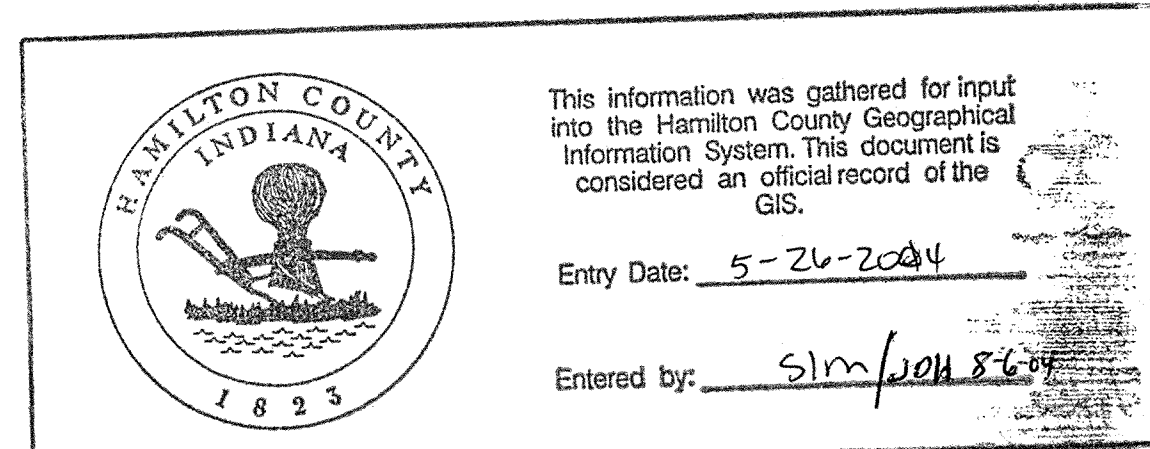
OFFICE OF THE HAMILTON COUNTY SURVEYOR

CURB INLET (Page 1)  
CURB INLET TABLE

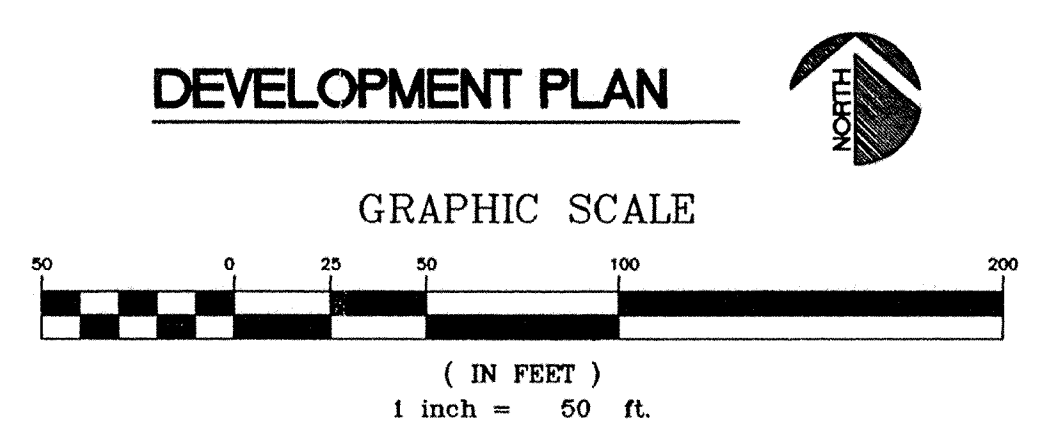
PIPE SIZE (INCHES)	STRUCTURES LESS THAN 48" FROM T/C TO INVERT (INCHES)	STRUCTURES GREATER THAN 48" FROM T/C TO INVERT	ANGLE AND QUALITY OF PIPES WILL REQUIRE SPECIAL DESIGN	STEPS REQUIRED	CURB CASTING OR-SHIM	CASTING "500" PL & TR
18 TO 18	24 X 24	...	DESIGN APPROVAL	NO	YES	YES
18 TO 21	30 X 30	...	DESIGN APPROVAL	NO	YES	YES
18 TO 21	MH/BOX	...	DESIGN APPROVAL	YES	YES	YES
21 TO 27	24 X 36	...	DESIGN APPROVAL	NO	NO	YES
18 TO 24	36 X 36	...	DESIGN APPROVAL	NO	YES	YES
24 OR LARGER	DESIGN APPROVAL	...	DESIGN APPROVAL	NO	NO	YES
24 OR LARGER	MH/BOX	DESIGN APPROVAL	DESIGN APPROVAL	YES**	YES	YES

\* PIPES NO LARGER THAN 18" CAN BE USED IN THE 2' SIDE OF THIS BOX.  
\*\* INCOMING AND OUT GOING PIPES EFFECT STEPS IN THIS STRUCTURE.  
\*\*\* SPECIAL NOTE: STRUCTURES DEEPER THAN 48" FROM T/C TO INVERT WILL BE A M.H. OR A BOX WITH STEPS UNLESS SPECIAL DESIGN IS APPROVED.  
SPECIAL NOTE: STRUCTURES WILL BE DESIGNED FOR MAXIMUM FLOW IN PIPES.  
SPECIAL NOTE: COUNTY MAY REQUIRE STEPS TO BE INSTALLED AFTER STRUCTURE IS SET, TO IMPROVE ACCESS.

HAMILTON COUNTY SURVEYOR'S OFFICE  
REVISED 23 OCT 1997  
STANDARD PLAN  
APPROVED: *[Signature]* 2/3/00  
KENNETH C. WARD, HAMILTON COUNTY SURVEYOR DATE



OFF-SITE DRAINAGE OUTLET TO BE CONSTRUCTED IN ACCORDANCE WITH THE RULING BY HAMILTON CO. DRAINAGE BOARD



FILED  
OCT 1 2002  
OFFICE OF THE SURVEYOR

ALD

ISSUE FOR DATE 12/7/99 CLIENT REVIEW 12/15/99 FAC REVIEW 2/08/00 REVISIONS 5/16/00 SURVEYOR REVISIONS 9/23/00 ALTERNATE No. 2 6/09/00 SURVEYOR REVISIONS

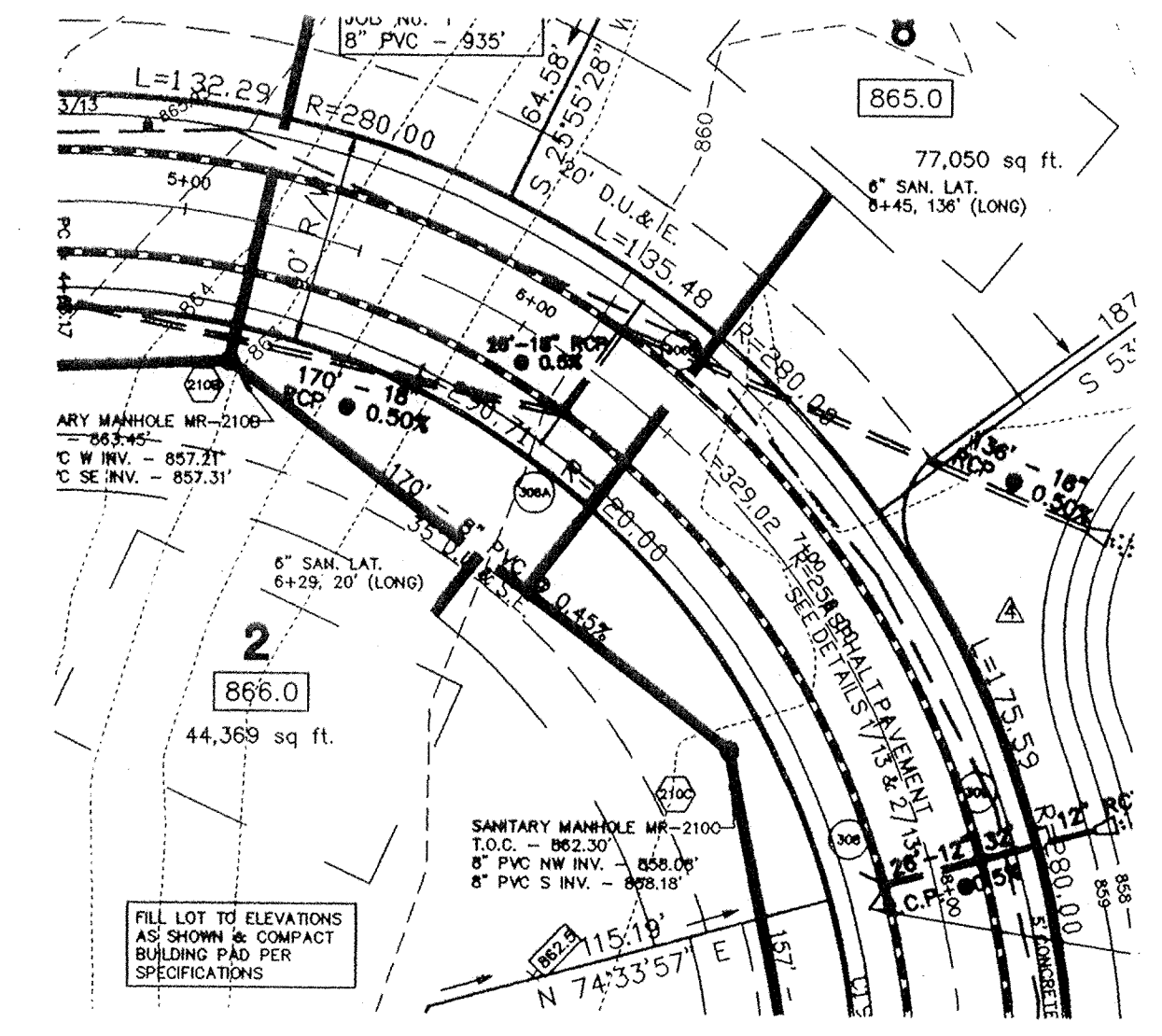
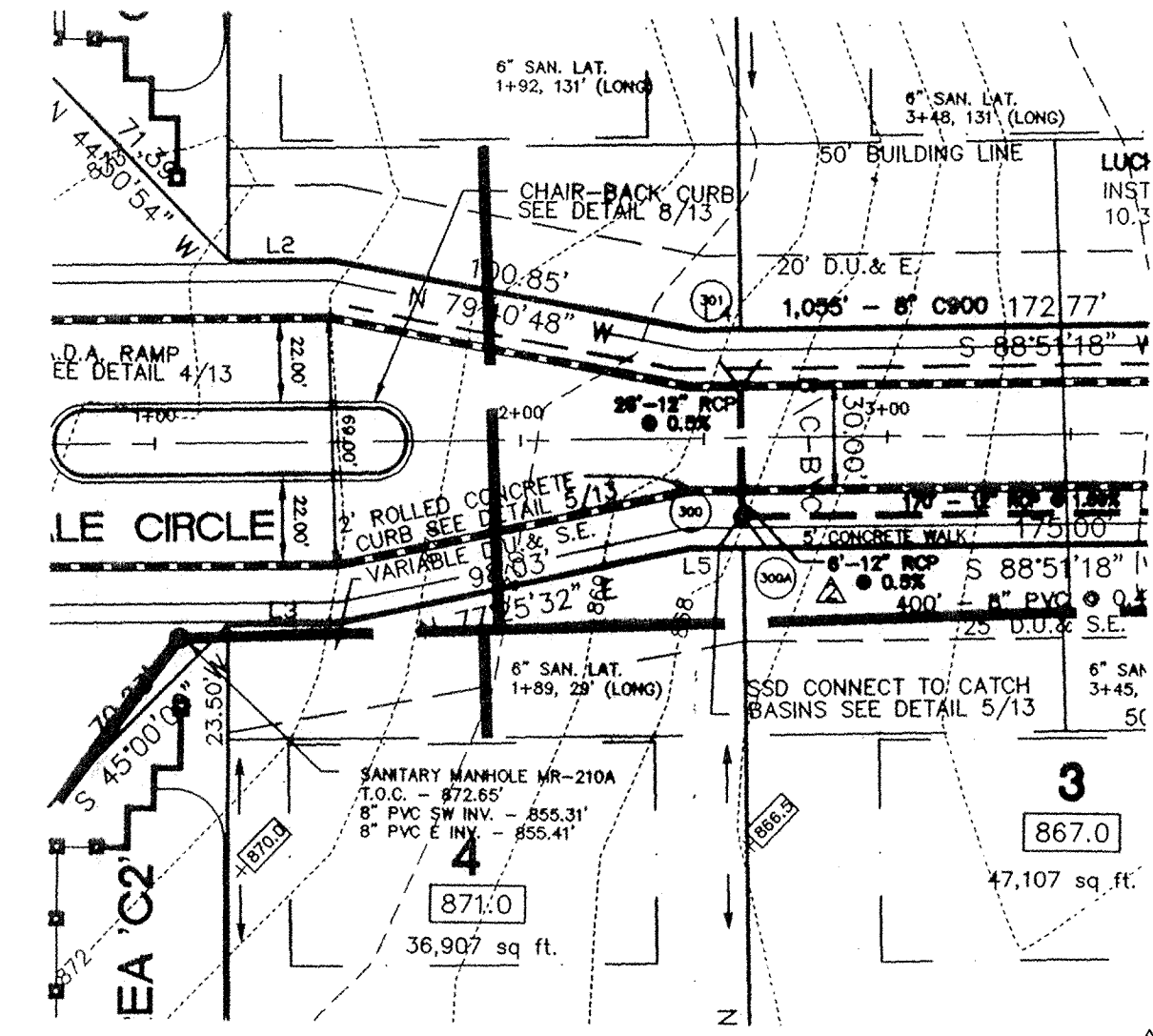
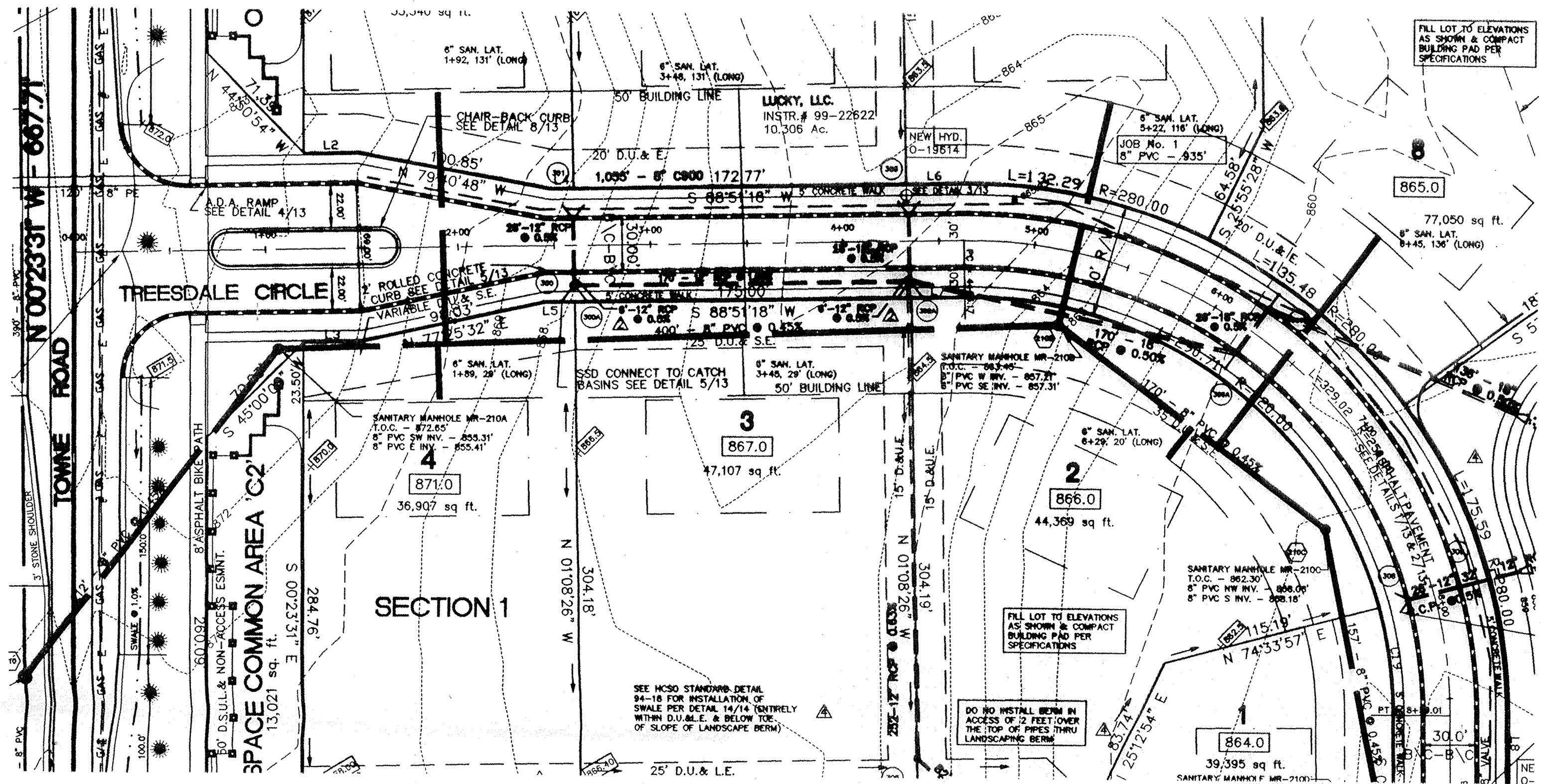
KEELER-WEBB ASSOCIATES  
Consulting Engineers-Planners-Surveyors  
K W  
BUILDER DEVELOPER  
9510 E. 96th St., Suite 26  
Indianapolis, IN 46240  
317-846-9000  
317-846-9221 Fax 846-9000

RICHARD CARRIGER

DEVELOPMENT PLAN  
TUESDALE  
PART OF S 1/2SW 1/4 NW 1/4  
SECTION 8, TOWNSHIP 17 NORTH, RANGE 3 EAST  
TOWNE ROAD  
CARMEL, INDIANA

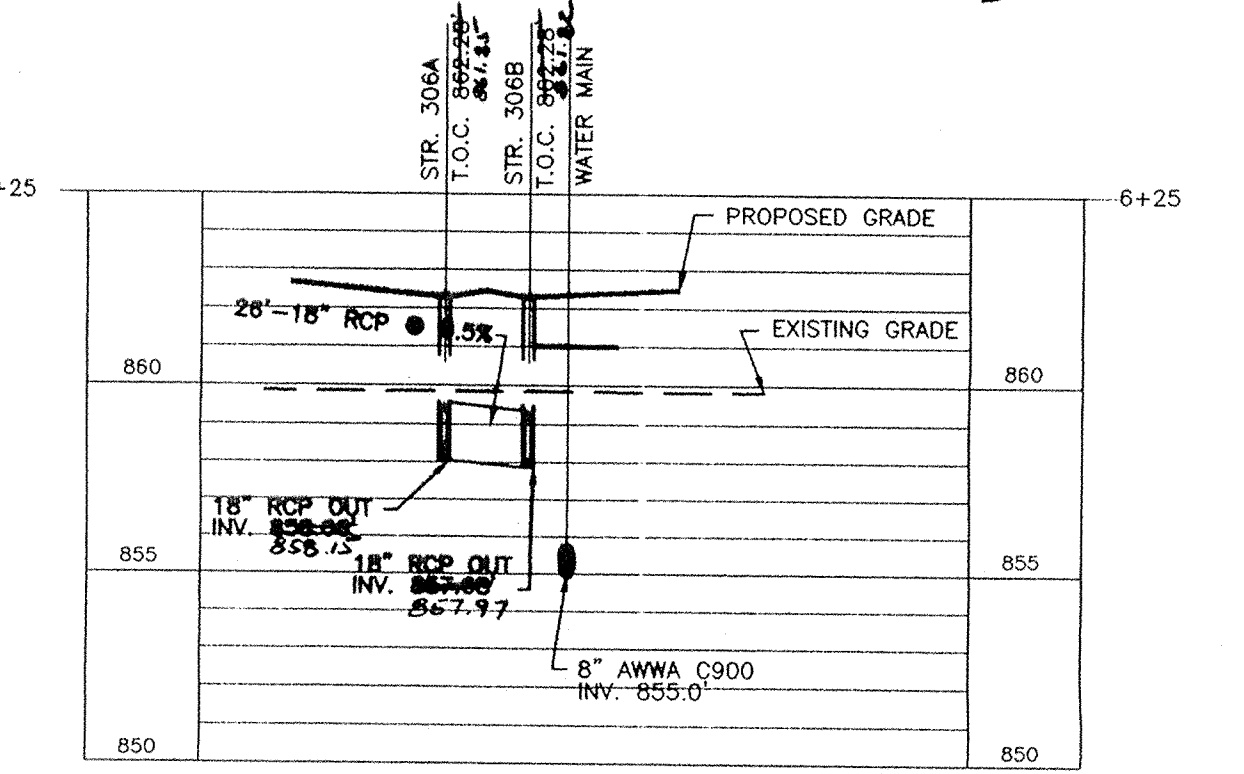
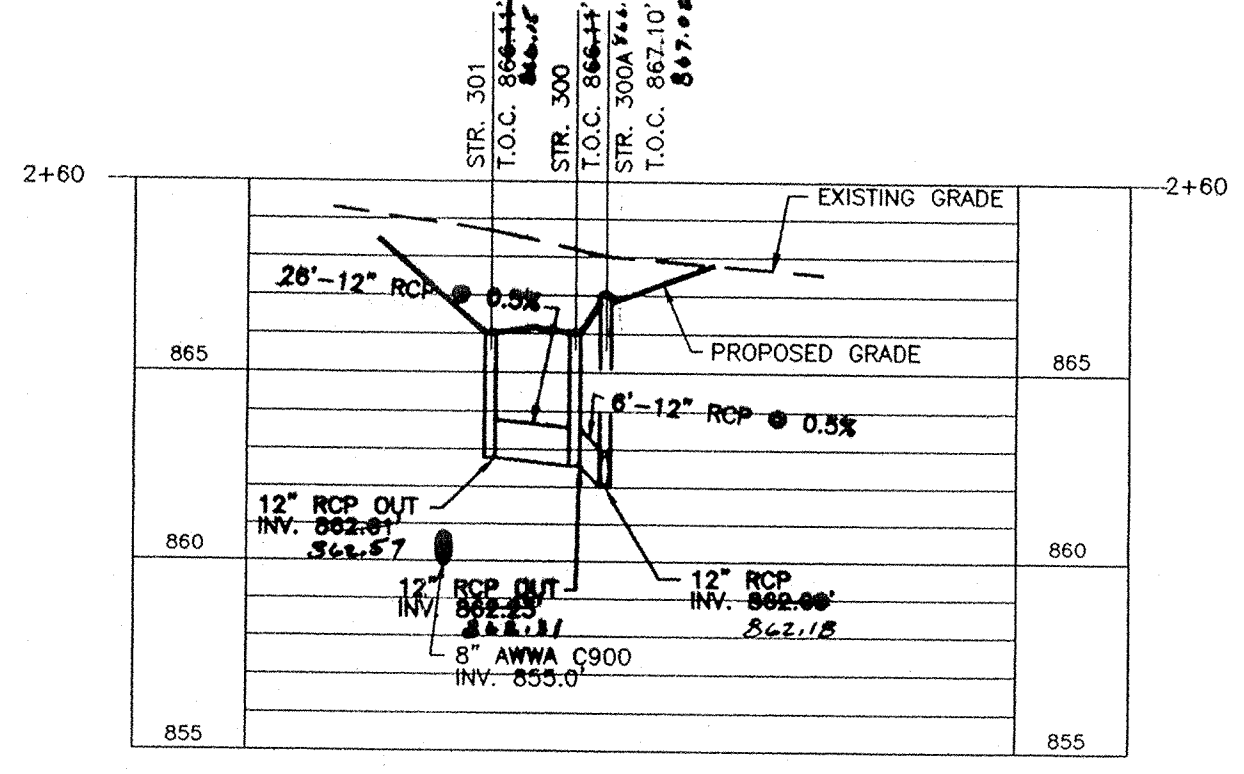
DRAWN BY: PAW  
CHECKED BY: ALD  
PROJECT No. 9905-008  
SHEET No. 5





**PLAN VIEW**  
HORIZONTAL SCALE: 1" = 50'

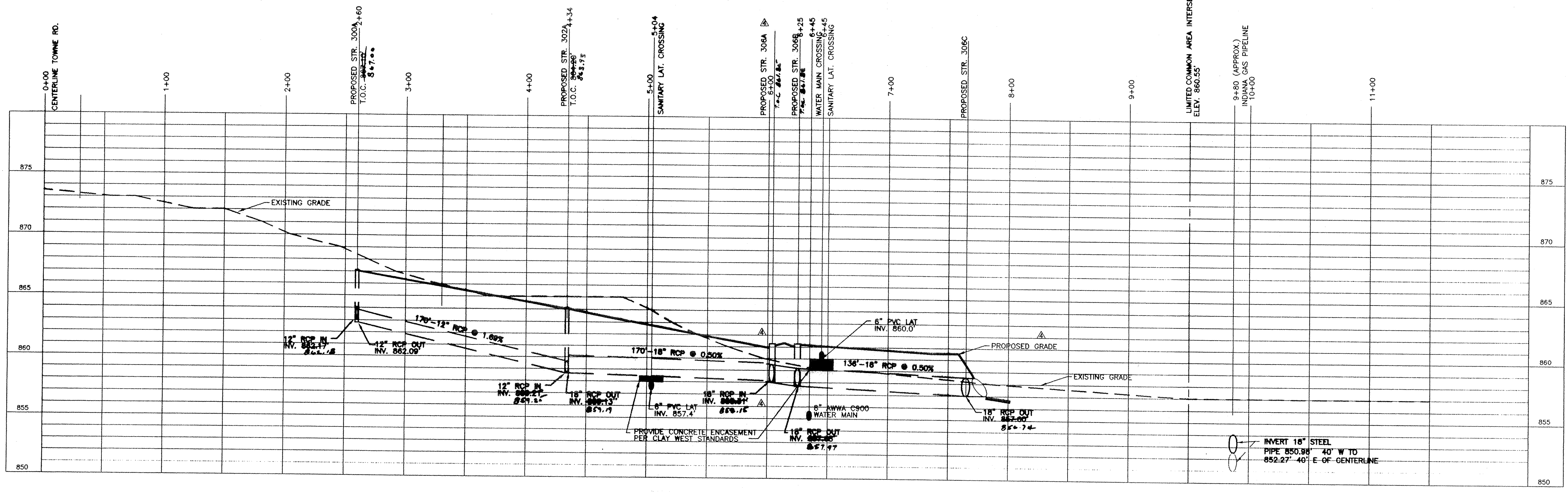
**PLAN VIEW**  
HORIZONTAL SCALE: 1" = 50'



**TREEDALE CIRCLE PROFILE @ STATION 2+60**  
VERTICAL SCALE: 1" = 5'  
HORIZONTAL SCALE: 1" = 50'

**TREEDALE CIRCLE PROFILE @ STATION 6+25**  
VERTICAL SCALE: 1" = 5'  
HORIZONTAL SCALE: 1" = 50'

**PLAN VIEW**  
HORIZONTAL SCALE: 1" = 50'



**TREEDALE CIRCLE PROFILE**  
VERTICAL SCALE: 1" = 5'  
HORIZONTAL SCALE: 1" = 50'

**RECORD DRAWING**

RECORD CERTIFICATION FOR TOP OF CASTING, INVERT ELEVATIONS AND LENGTHS OF PIPE. SLOPE PERCENTAGE REPRESENTS A CALCULATED FIGURE BETWEEN POINTS AS SHOWN.

CERTIFIED THIS 11th DAY OF JANUARY, 2000  
KEELER-WEBB ASSOCIATES

**ADAM L. DEHART**  
REGISTERED  
No. 29500025  
STATE OF INDIANA  
LAND SURVEYOR

**WILSON COUNTY INDIANA**

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: 5-26-2004

Entered by: sim/ldh 8-6-04

**KEELER-WEBB ASSOCIATES**  
Consulting Engineers-Planners-Surveyors  
KWA  
3510 E. 9th St., Suite 28  
Indianapolis, IN 46240  
TELEPHONE (317) 574-0140  
486 GRADE DRIVE  
CARMEL, INDIANA 46032

**BUILDER DEVELOPER**  
RICHARD CARRIGER  
3510 E. 9th St., Suite 28  
Indianapolis, IN 46240  
317-848-8821 Fax 848-8880

**STREET/STORM SEWER PLAN AND PROFILE**  
**TREEDALE**  
PART OF S 1/2 28th 1/4 NW 1/4  
SECTION 8 TOWNSHIP 17 NORTH RANGE 3 EAST  
TOWNE ROAD  
CARMEL, INDIANA

DRAWN BY: PAW  
CHECKED BY: ALD  
PROJECT No. 9905-008  
SHEET No. 15

DATE	ISSUE FOR
12/18/99	ISSUE
1/25/00	REVISION
2/09/00	REVISION
4/17/00	REVISION
5/19/00	SURVEYOR REVISIONS
6/06/00	SURVEYOR REVISIONS





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: 5-26-2004

Entered by: Shirley S. G. 04

**RECORD DRAWING**

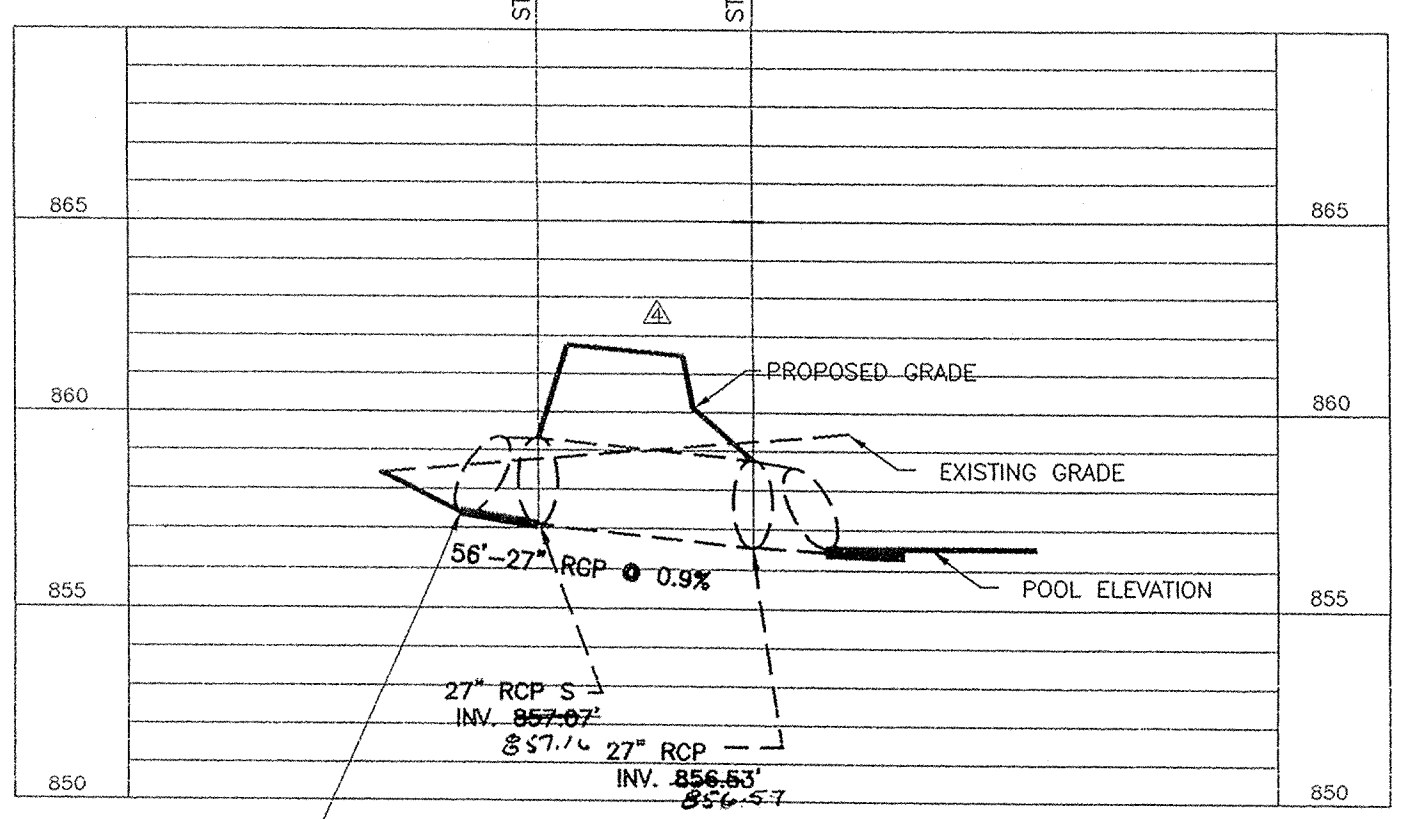
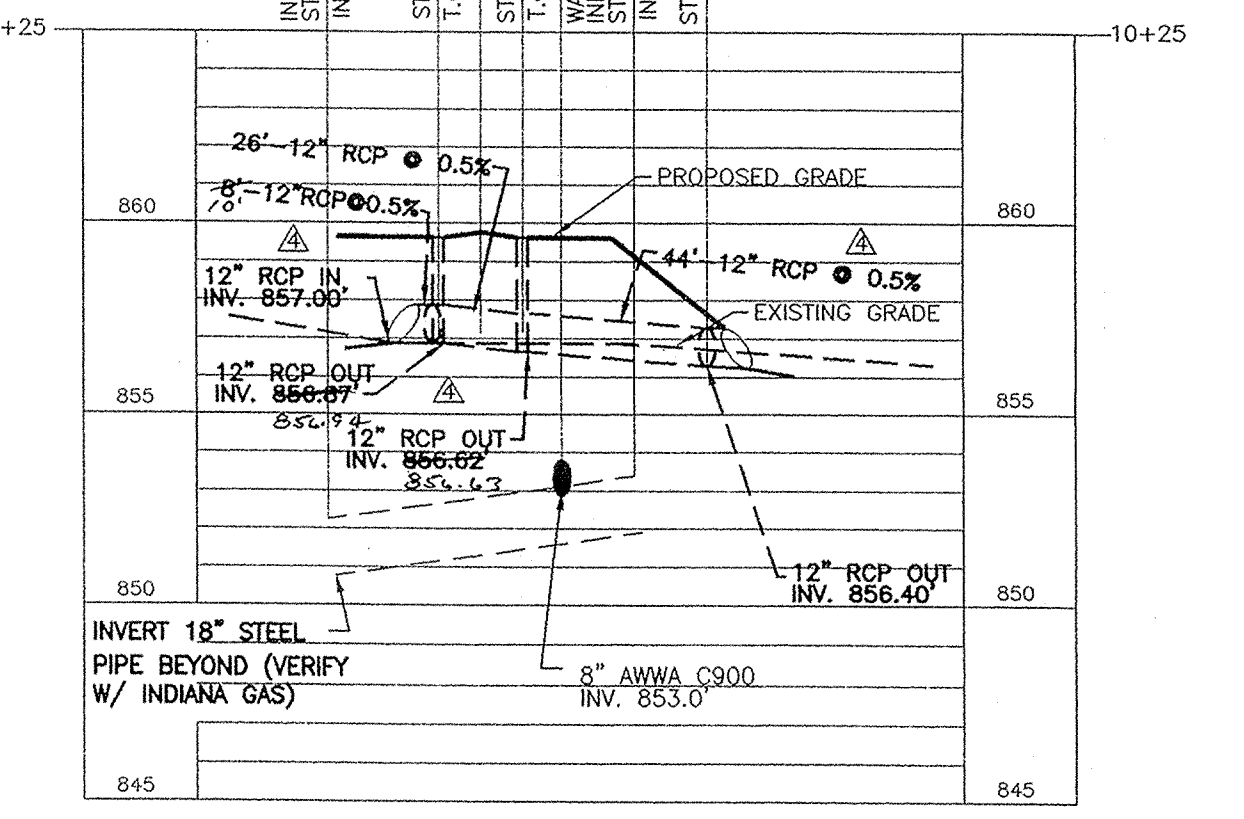
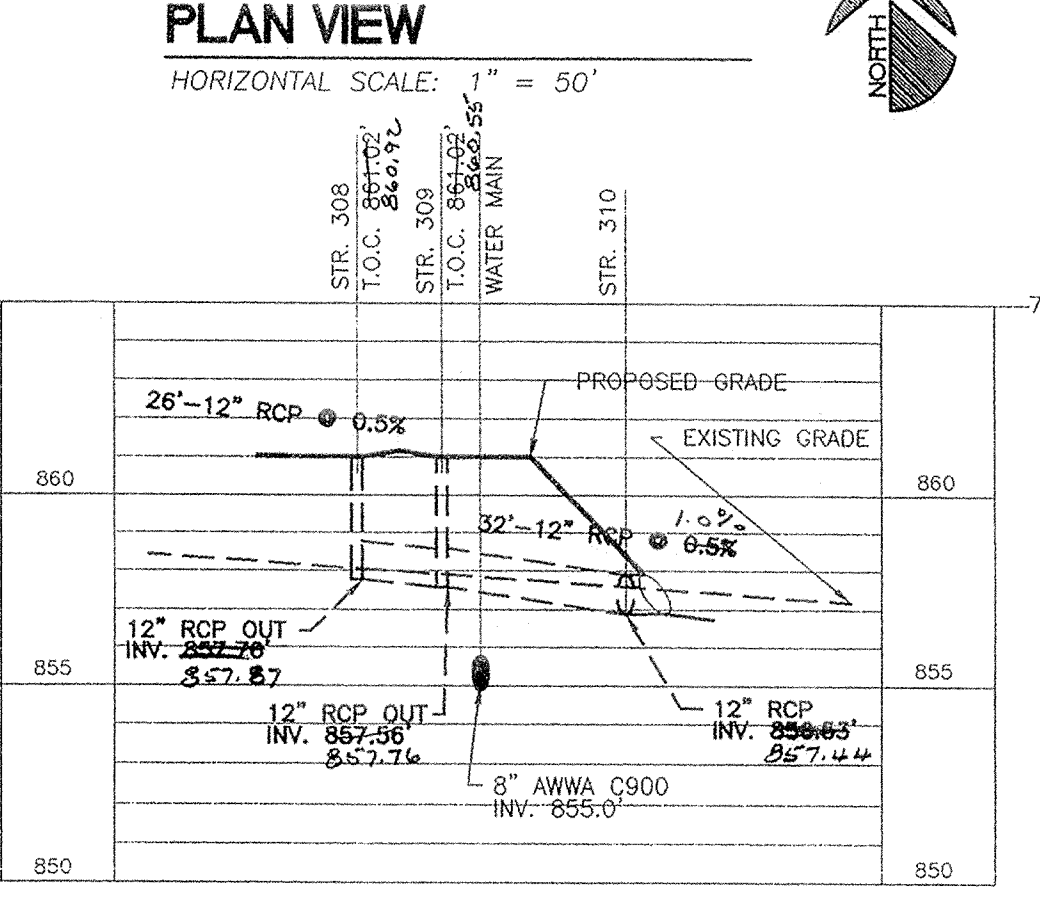
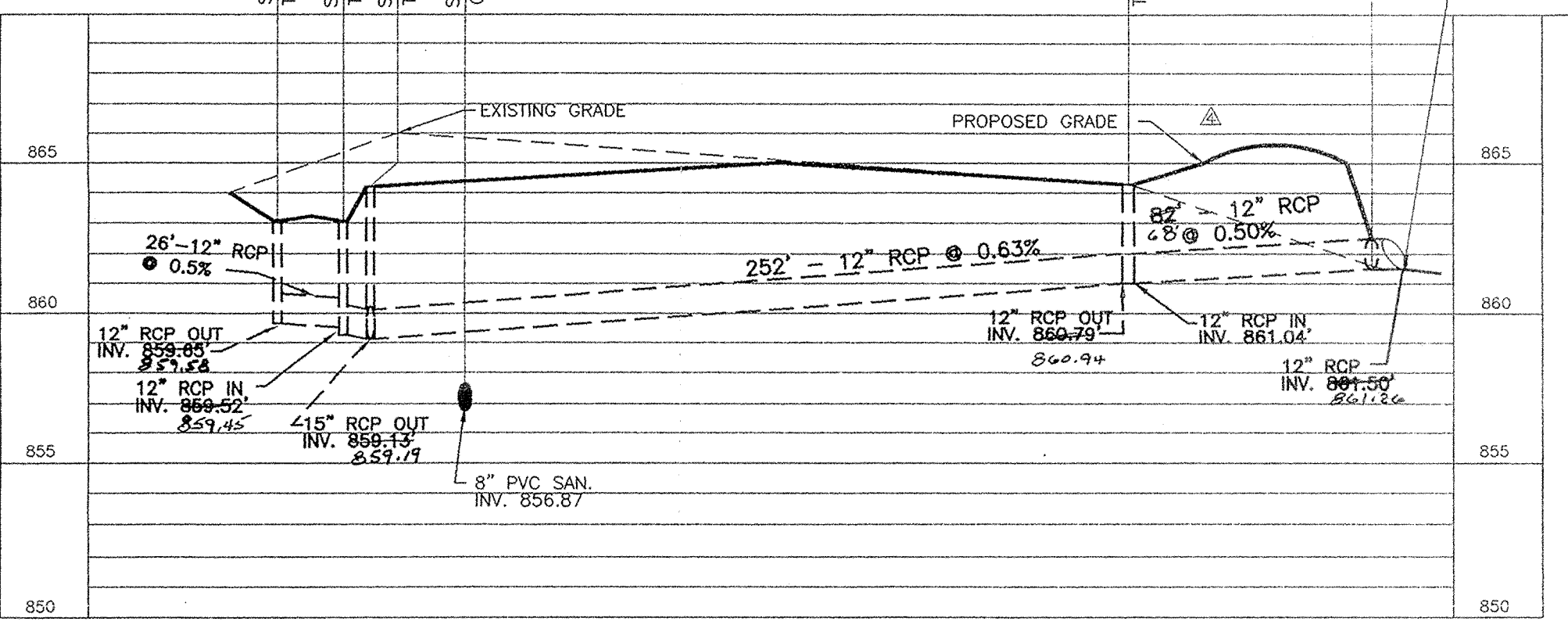
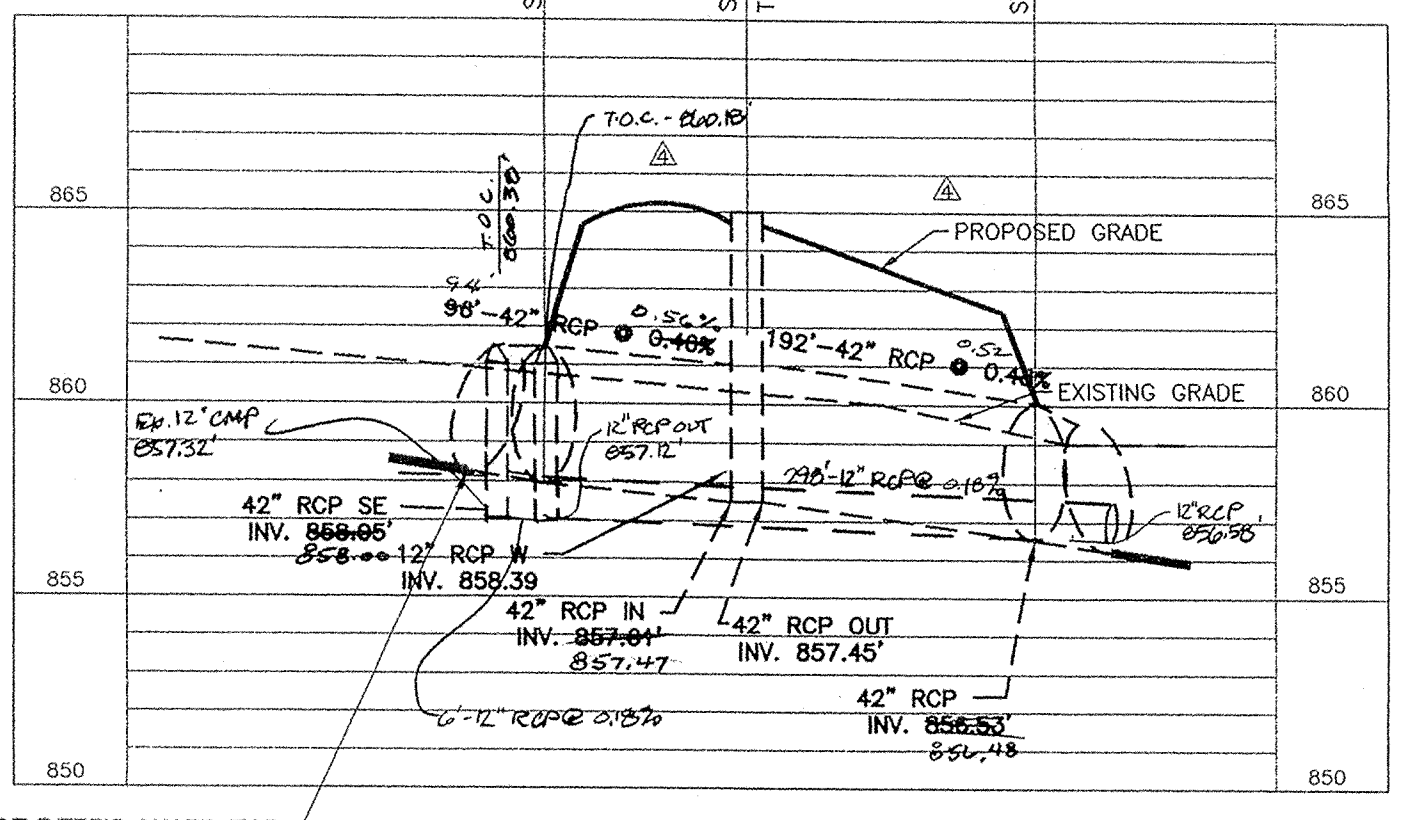
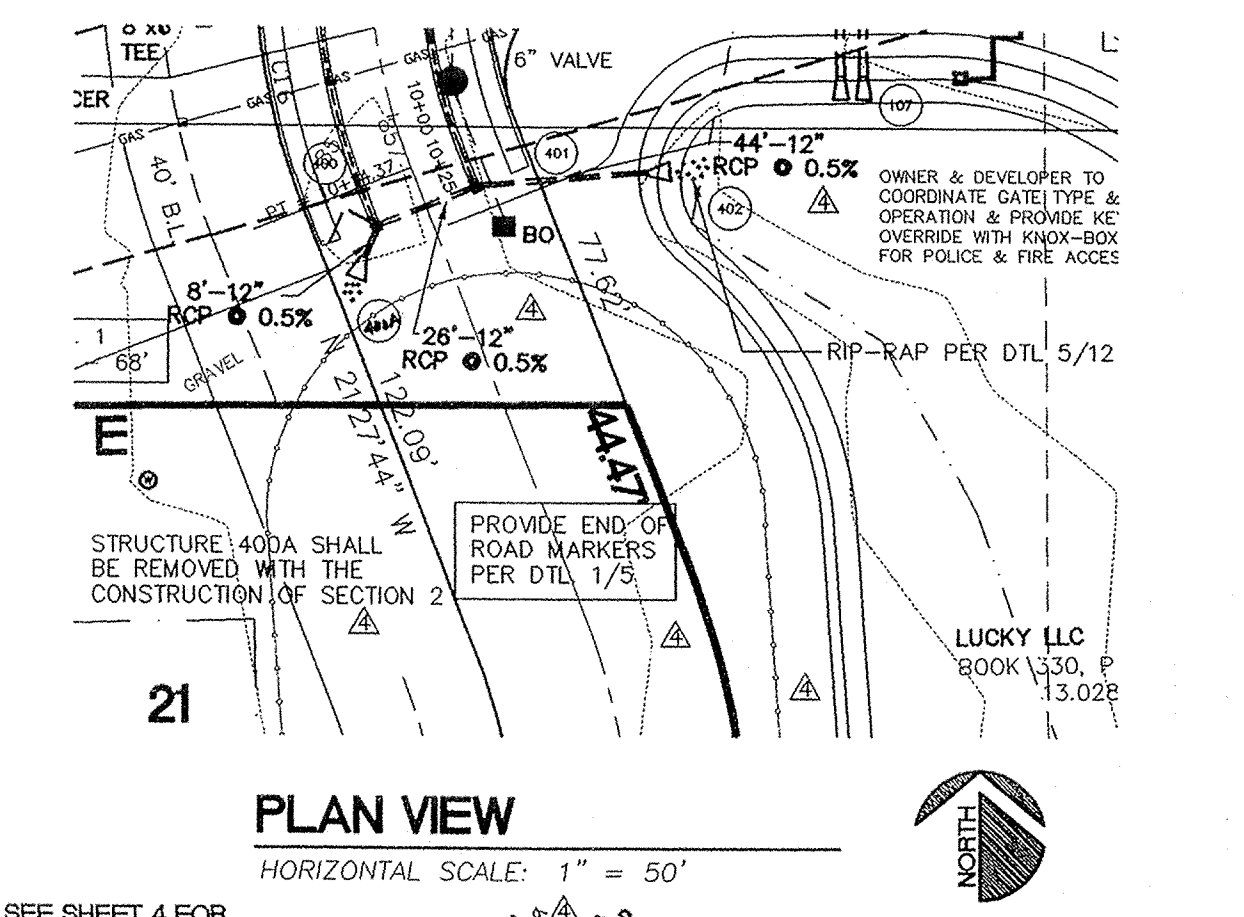
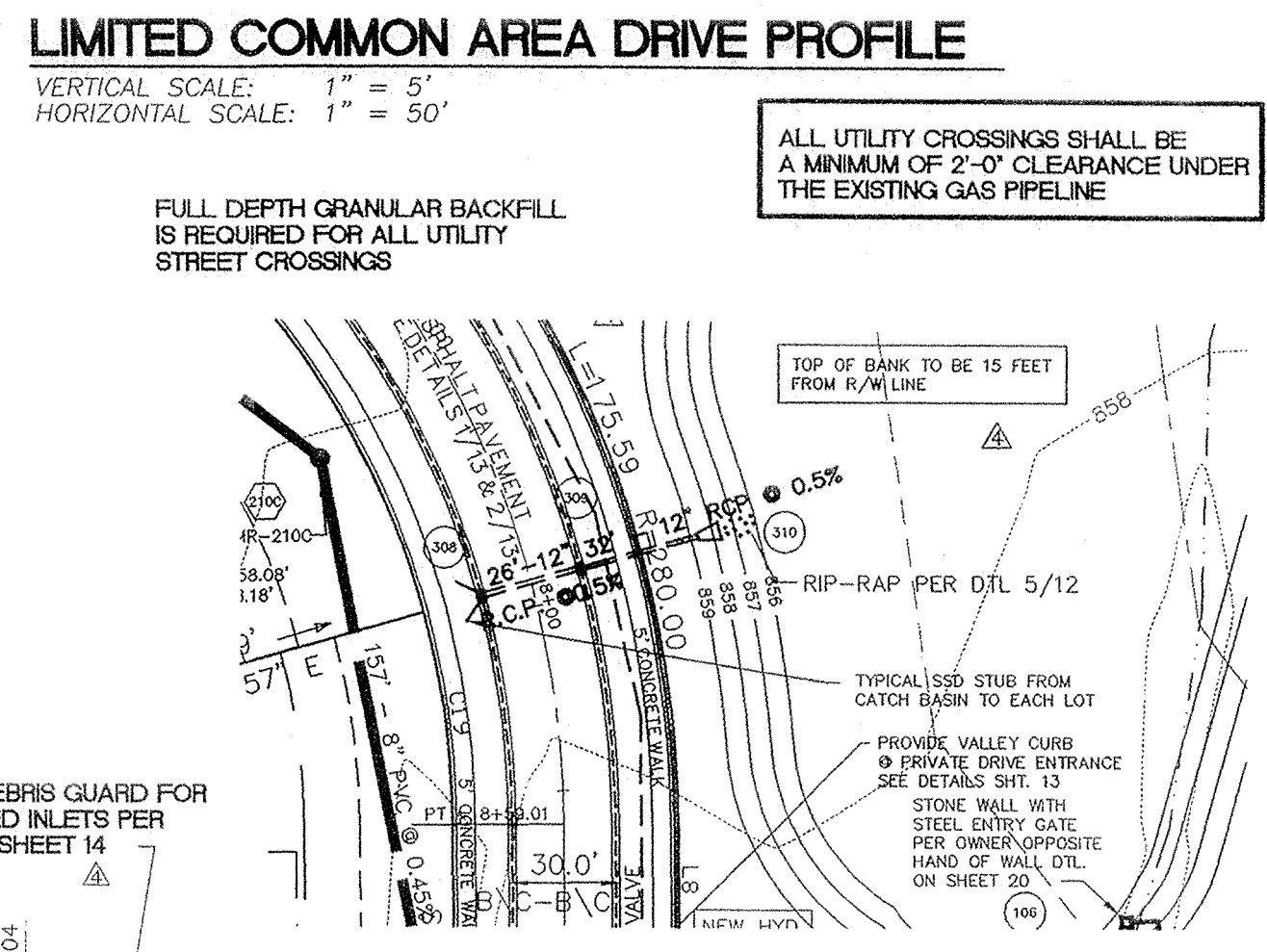
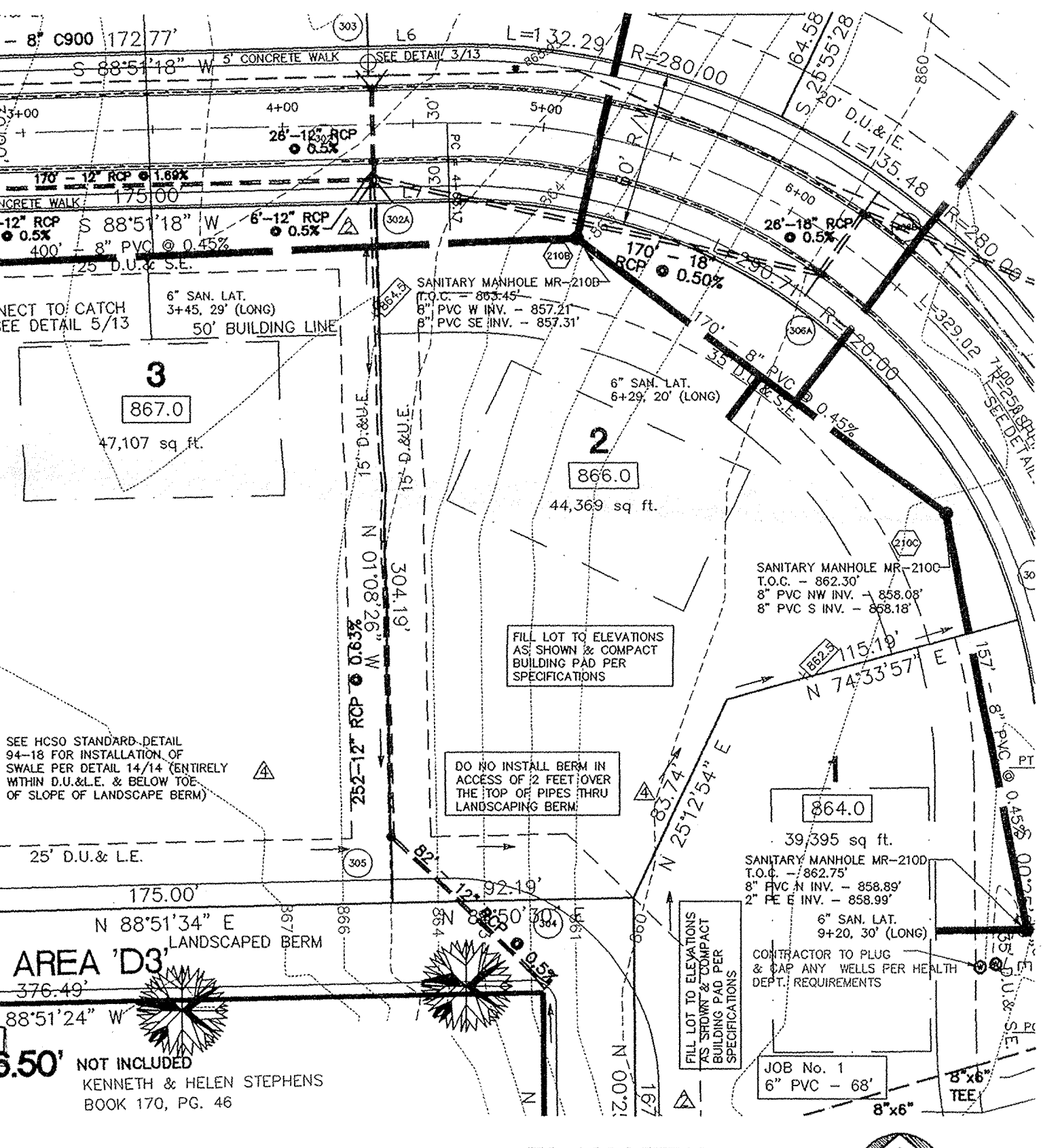
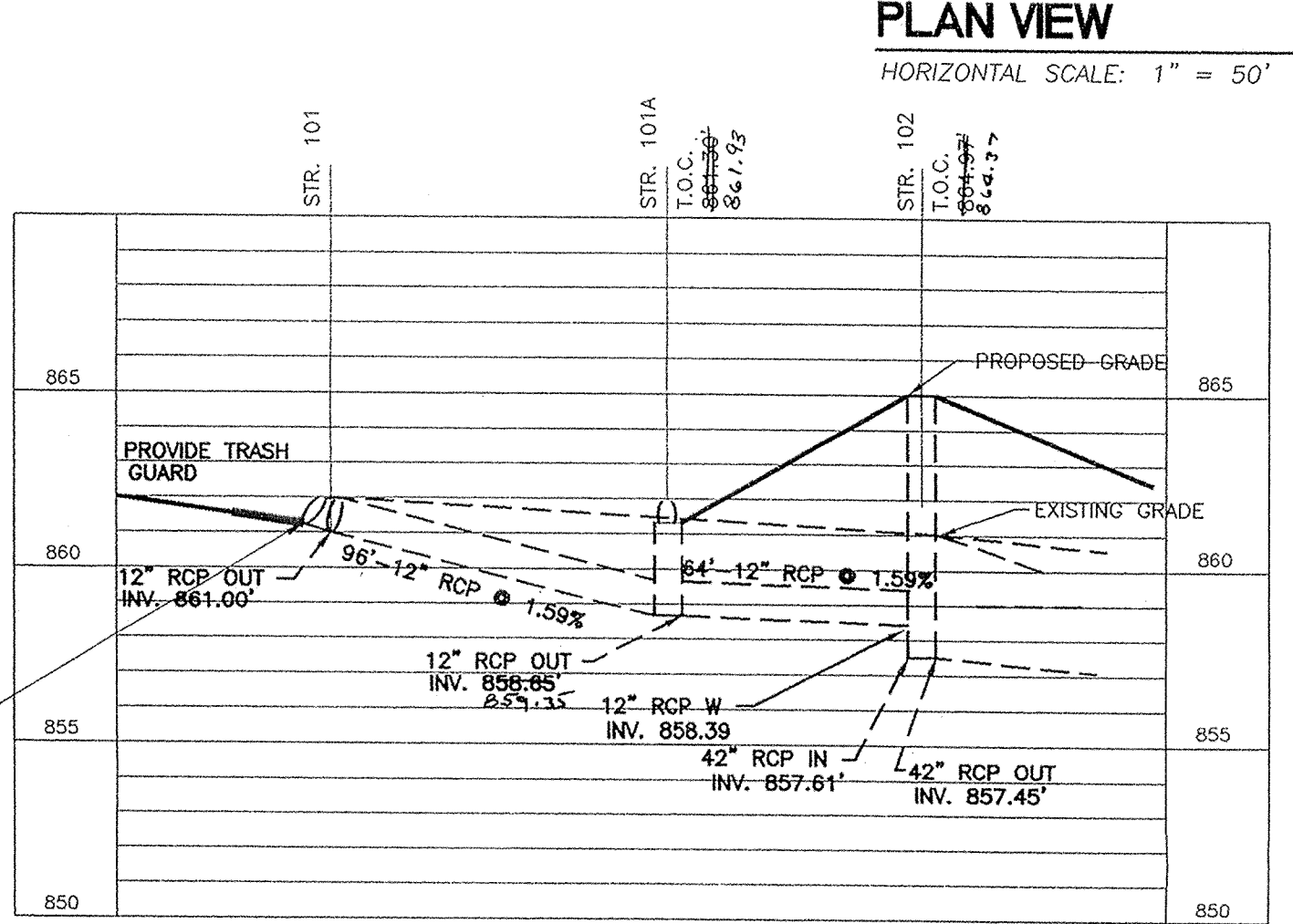
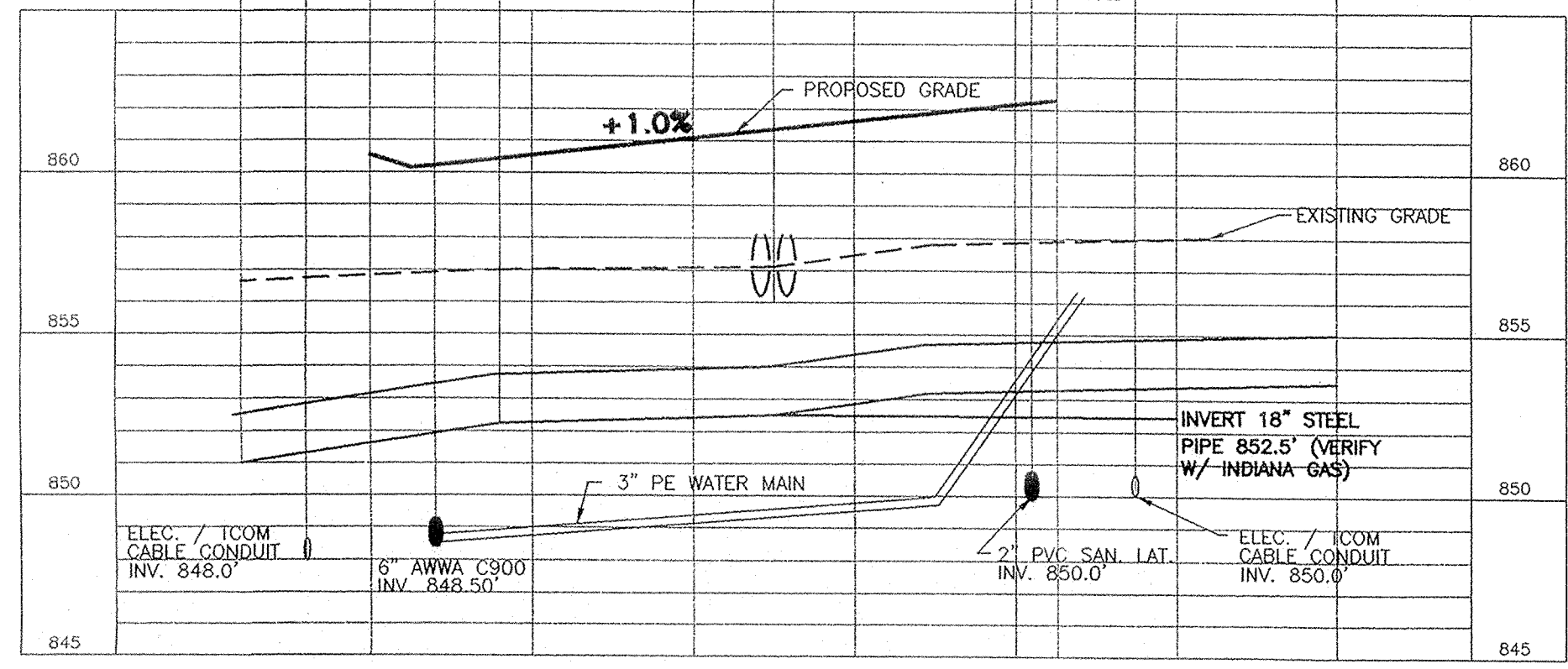
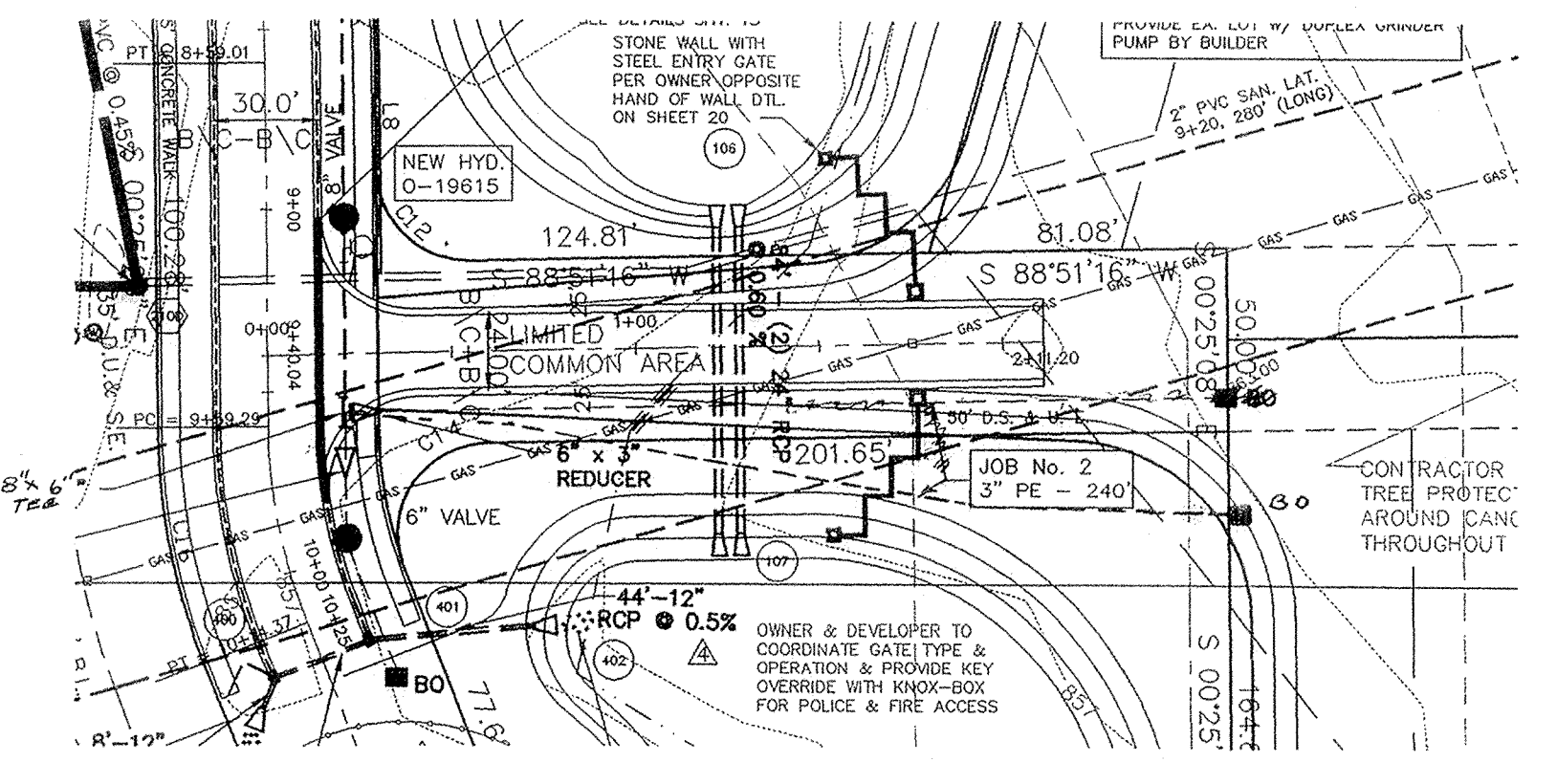
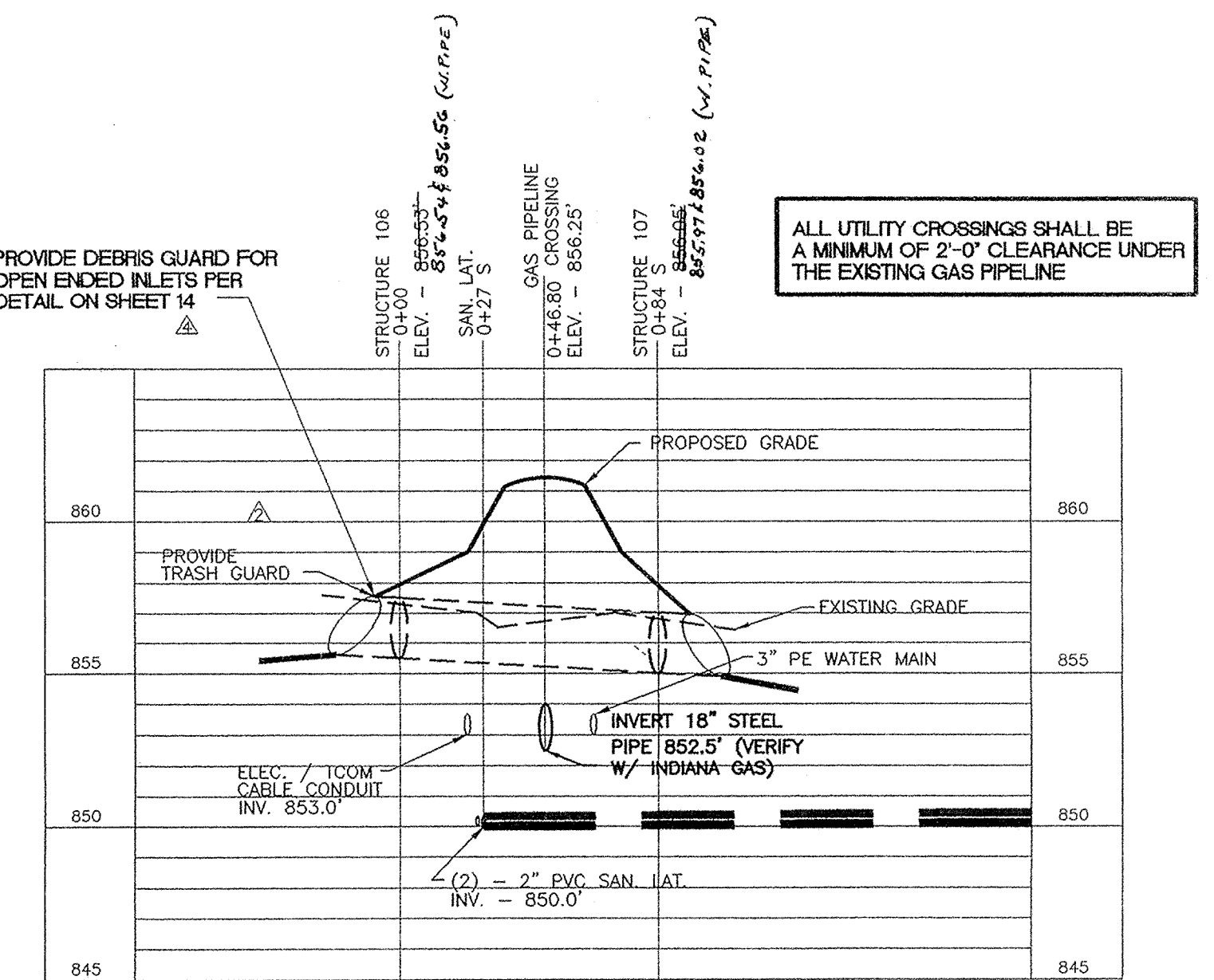
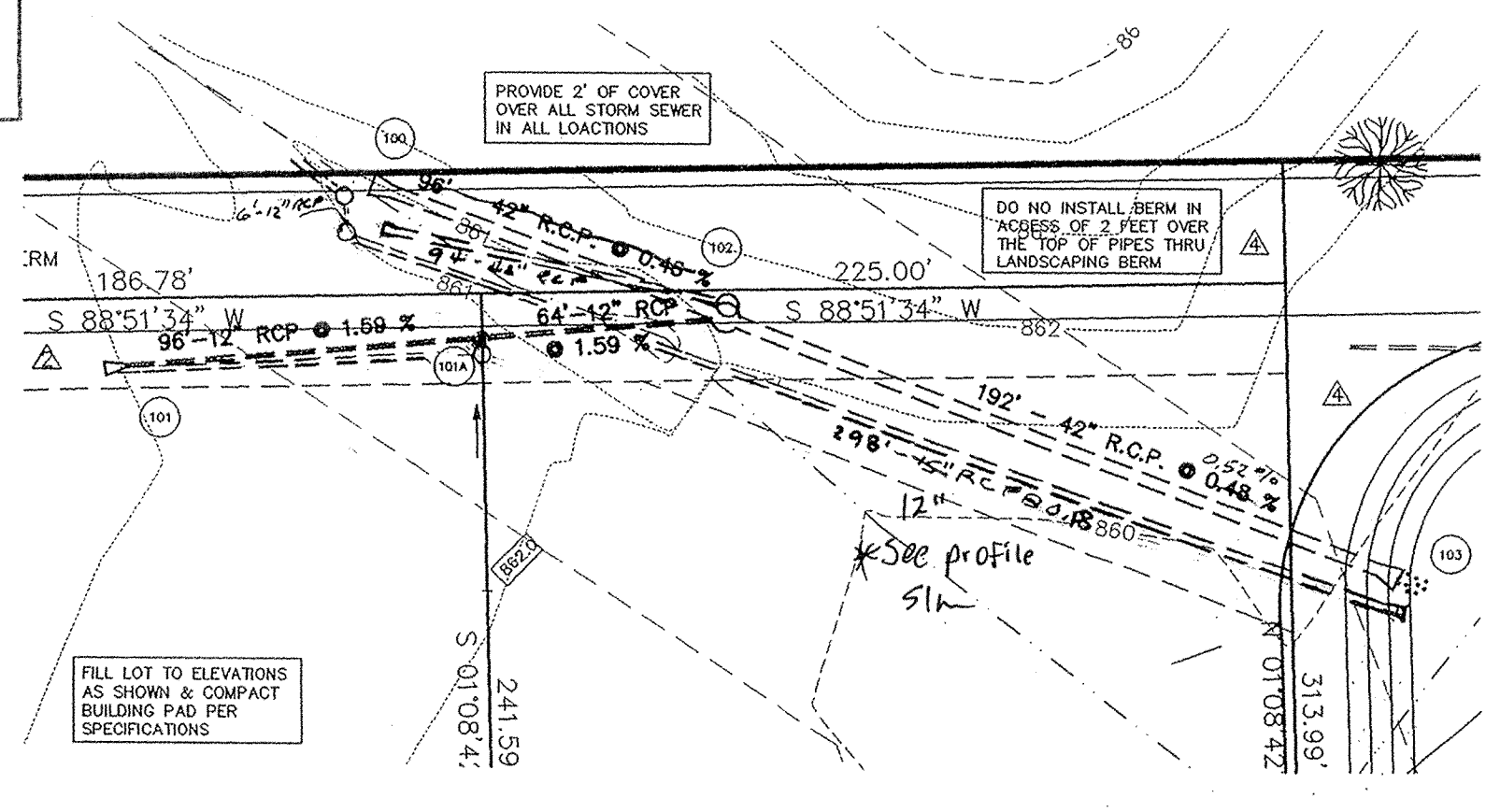
RECORD CERTIFICATION FOR TOP OF CASTING, INVERT ELEVATIONS AND LENGTHS OF PIPE. SLOPE PERCENTAGE REPRESENTS A CALCULATED FIGURE BETWEEN POINTS AS SHOWN.

RECERTIFIED 11/26/01 BY ALD

CERTIFIED THIS 12 DAY OF DECEMBER, 2000

KEELER-WEBB ASSOCIATES

ADAM L. DELHART  
No. 29500025  
STATE OF INDIANA  
LAND SURVEYOR



DATE	ISSUE
12/16/99	TAC REVIEW
1/25/00	REVISIONS
2/09/00	REVISIONS
4/17/00	SURVEYOR REVISIONS
5/16/00	SURVEYOR REVISIONS
6/12/00	SURVEYOR REVISIONS

**KEELER-WEBB ASSOCIATES**  
Consulting Engineers-Planners-Surveyors

3510 E. 96th St., Suite 26  
Carmel, Indiana 46032  
Telephone (317) 874-0140  
317-846-8281 Fax 846-8680

**RICHARD CARRIGER**  
BUILDER & DEVELOPER

3510 E. 96th St., Suite 26  
Carmel, Indiana 46032  
Telephone (317) 874-0140  
317-846-8281 Fax 846-8680

**TRESDALE**  
PART OF S 1/2 SW 1/4 NW 1/4  
SECTION 9, TOWNSHIP 17 NORTH, RANGE 9 EAST  
TOWNE ROAD  
CARMEL, INDIANA

STREET/STORM SEWER PLAN AND PROFILE

DRAWN BY: PAW  
CHECKED BY: ALD  
PROJECT No. 9905-008  
SHEET No. 15A



