

**Drain:** BENTLEY OAKS 24"  
**Improvement:** Bentley Oaks SCL 1  
**Operator:** JIM SNOUFFER / JARED LIVINGSTON  
**Date:** 9-18-03  
**CLASS** URBAN  
**YEAR CONST** 1991 ASB014 ID 114-0450

**GIS Drain Input Checklist**

- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains 9-19-03
- Digitize & Attribute SSD 9-25-03
- Digitize & Attribute Open Ditch 9-25-03
- Sum drain lengths & Validate 9-25-03
- Enter Improvements into Posse 9-25-03
- Enter Drain Age into Posse 9-25-03
- Sum drain length for Watershed in Posse 9-25-03
- Stamp Plans 9-25-03
- Pull Source Documents for Scanning 9-25-03

\* STR 202-203 12" 39 FT  
 \* STR 214-215 12" 32 FT

Additional

Qc'd Summary  
 11-21-2003  
 SLW OK ✓

Map changes

\* Digitize/Rectify 6" SSD ✓

\* STR 102-101 - needs new feature (storm instead of SSD) ✓

\* digitize pond ✓

\* STR 108-110 Label 24" ✓

STR 115-117 Label 12" ✓

STR 107 - needs removed - street pipe from 108-105 31' - 30" RLA ✓

\* digitize SSD under curbs & put lengths for rear yard SSD ✓





SURVEYOR'S OFFICE

# Hamilton County

Kenton C. Ward, Surveyor

776-9626

942 Maple Avenue

Noblesville, Indiana 46060

February 11, 1992

5/18/92  
9:55am

TO: Hamilton County Drainage Board

RE: Bentley Oaks Drain

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Bentley Oaks 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 benefitted. The drain will consist of the following:

5" SSD	9349 ft	21" RCP	159 ft
12" RCP	848 ft	30" RCP	703 ft
15" RCP	157 ft	Rip Rap-Swale	110 ft
18" RCP	335 ft	Open Ditch	950 ft

The total length of the drain will be 12,611 feet.

The subsurface drains (SSD) which shall become part of the regulated drain are those sections under or along the curb of the streets, including 136th Street. Those SSD's in rear yards shall also become part of the regulated drain. Only the main lines of the SSD shall be considered as regulated drains. Laterals off the main lines shall be considered private drains and shall be the responsibility of the Homeowner.

The open ditch listed above is the open ditch running through the tract owned by Frank K Regan, 09-26-00-00-003.000.

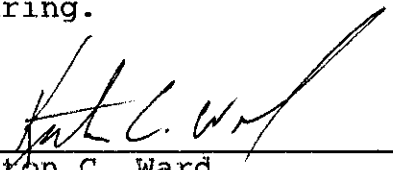
The open ditch which is part of this drain extends from the riprap swale and follows the existing open ditch to its intersection with the open ditch running from the intersection of Oak Ridge Road and 236th Street to U.S. #31.

The lake is not to be considered part of the regulated drain. The Board shall maintain the inlets into the lake and outlet from the lake. The Board shall reserve the ability to ensure that no unauthorized structures or fill occurs which will be detrimental to the facilities capacity and function as a detention facility. The Homeowners Association shall be responsible for the maintenance of the lakes.

I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I recommend a maintenance assessment of \$30.00 per lot, \$5.00 per acre for roadways, with a \$30.00 minimum. With this assessment the total annual assessment for the drain/this section will be 1538.56.

At sometime in the future, the tracts benefitted by this drain, may also be assessed to the Village of Mount Carmel Drain. If the drainage facility of the Bentley Oaks Drain are not included in the proposed Village of Mount Carmel Drain, then the tracts for Bentley Oaks shall be assessed for both drains.

I recommend the Board designated this as an Urban Drain and that a hearing be set for May 1992. I also recommend the Board approve the attached non-enforcement of easement request at the time of hearing.

  
\_\_\_\_\_  
Kenton C. Ward  
Hamilton County Surveyor

KCW/no

STATE OF INDIANA )  
 )  
COUNTY OF HAMILTON )

TO: HAMILTON COUNTY DRAINAGE BOARD  
% Hamilton County Surveyor, Courthouse, Noblesville, IN 46060

In the matter of BENTLEY OAKS Subdivision,  
Section \_\_\_\_\_ Drain Petition.

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain. The drainage will affect various lots in BENTLEY OAKS, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

Petitioner believes that the cost, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land likely to be benefited thereby. Petitioner believes the proposed improvements will:

- (a) improve public health
- (b) benefit a public street
- (c) be of public utility

Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

The Petitioner also agrees to the following:

1. To provide the Drainage Board a Performance Bond for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 100% of the Engineers estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
2. The Petitioner shall retain an Engineer throughout the construction phase. At completion of the project the Petitioner's Engineer shall certify that the drainage system which is to be maintained as a regulated drain has been constructed as per construction plans.

3. The Petitioner agrees to request in writing to the County Surveyor any changes from the approved plan and must receive written authorization from the County Surveyor prior to implementation of the change. All changes shall be documented and given to the Surveyor to be placed in the Drain File.
4. The Petitioner shall instruct his Engineer to provide a reproducible print on a 24" x 36" mylar of the final design of the Drainage System. This shall be submitted to the County Surveyor prior to the release of the Performance Bond.
5. The Petitioner shall comply with the Erosion Control Plan as specified on the construction plans. Failure to comply with the Erosion Control Plan shall be determined by the Board as being an obstruction to the drainage system. The County Surveyor shall immediately install or repair the needed measures at Petitioners cost as per IC 36-9-27-46.

The Petitioner further requests that the Drain be classified as an Urban Drain.

*Rex A. Weper Pres.*  
Signed  
BENTLEY OAKS DEVELOPMENT CO. INC.  
REX A. WEPER PRES.  
Printed Name

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Printed Name

RECORDED OWNER(S) OF LAND INVOLVED

DATE \_\_\_\_\_

Released 12/16/91

STANDBY LETTER OF CREDIT

Irrevocable Letter of Credit No. 1017

Date: May 21, 1991

BENEFICIARY

FOR ACCOUNT OF

Hamilton County  
Board of Commissioners  
Noblesville, In.

Bentley Oaks Development Co., Inc.  
P.O. Box 604  
Carmel, In. 46032

We hereby establish our Irrevocable Letter of Credit in your favor, for the account indicated above, for a sum or sums not exceeding an aggregate amount of \$95,000.00 (Ninety Five Thousand and 00/100 US Dollars).

Funds are available by your draft(s) at First Federal Savings Bank of Kokomo of Kokomo, Indiana.

Drafts are to be accompanied by:

1. The original of this letter of Credit No. 1017.
2. Beneficiary's signed statement stating that " Bentley Oaks Development Corp, Inc. has failed to complete installation of required storm drainage.

All drafts drawn under this Letter of Credit are to be endorsed hereon and shall bear the clause; "Drawn under First Federal Savings Bank of Kokomo of Kokomo Indiana Letter of Credit No. 1017 " and must be drawn and presented at this office on or before May 20, 1992.

We hereby agree with you that all drafts drawn under and in compliance with the terms of this Letter of Credit will be duly honored upon proper presentation.

Except as other wise expressly stated herein, this credit is subject to the Uniform Customers and Practice for Documentary Credits (1984 Revision), International Chamber of Commerce, Publication No. 400.

BOARD OF COMMISSIONERS  
OF THE COUNTY OF HAMILTON

Shirley C. Williams  
Duane A. Davis  
William R. Kam

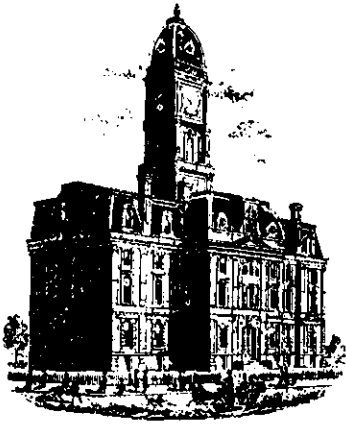
DATE 6/3/91

Very truly yours,

Duane A. Davis

Duane A. Davis  
Vice President  
Commercial / Consumer Loans

ATTEST: Billy [Signature]  
HAMILTON COUNTY AUDITOR



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

May 12, 1997

**Re: Bentley Oaks Drain - Sec. 1 Arm**

Attached are as-builts and other information for Bentley Oaks Sec. 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 February 11, 1992. The changes are as follows: The 12" RCP is now 872.34' feet. The 15" RCP is now 110.66' feet. The 18" RCP is now 335.89' feet. The 24" RCP is now 159.91' feet. The 30" RCP is now 698.35 feet. Structure 107 was not constructed.

The length of the drain due to the changes described above is now **12,586.15 feet**.

The non-enforcement was approved by the Board at its meeting on May 18, 1992 and recorded under instrument #9226238.

The bond or letter of credit from First Federal Savings Bank, number 1017, dated May 21, 1991, in the amount of \$95,000.00, was released December 16, 1991.

I recommend the Board approve the drains construction as complete and acceptable.

Sincerely,

Kenton C. Ward,  
Hamilton County Surveyor

KCW/slm



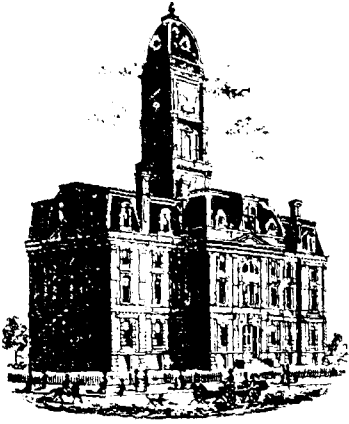


Asbuilts  
BENTLY OAKS

STR #'S	DIST	DIFF IN ELEV.	90 GRADE PIPE SIZE	
120-106	38.73	1.30'	3.36%	12" RCP ✓
106-105	126.82	2.31'	1.82%	12" RCP ✓
105-104	22.12	0.13	0.59%	30" <del>28"</del> RCP
104-103	145.23	0.63'	0.43%	30" <del>28"</del> RCP
102-101	71.38'	0.05'	0.07%	15" RCP
119-109	34.86'	1.44'	4.13%	12" RCP ✓
109-108	150.48'	2.67'	1.77%	12" RCP ✓
108-110	159.91'	1.05'	0.66%	24" RCP
110-111	36.30'	0.50'	1.38%	18" RCP
110-112	39.28'	0.58	1.48%	15" RCP
111-114	196.72'	1.14	0.58%	18" RCP
114-115	102.87'	0.57	0.55%	18" RCP
115-116	35.69'	0.03	0.08%	12" RCP
115-117	42.88'	0.01	0.02%	12" RCP
117-118	224.87'	0.67	0.30%	12" RCP
118-SSD(N)	351.62'	—		
112-113	218.01'	1.15	0.53%	12" RCP

108-105 STR 107 not Found 531' 30"

\* Notes: Did not obtain TC's for Risers



*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**

**April 4, 2006**

**Re: Bentley Oaks Drain: Sec. 1 Arm (Revised Final Report)**

Attached are as-builts, certificate of completion & compliance, and other information for Bentley Oaks 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 February 11, 1992. The report was approved by the Board at the hearing held May 18, 1992. (See Drainage Board Minutes Book 3, Page 21) The changes are reflective of the initial final report dated May 12, 1997, the map correction dated September 25, 2003 and a new correction to the open drain footage. The corrections are as follows:

12" RCP – 943.34'    15" RCP – 110.66'    18" RCP – 335.89'    24" RCP – 159.91'

30" RCP – 698.35'    6" SSD – 9349'    Swale – 110'    Open Ditch – 1221'

The length of the drain due to the changes described above is now **12,928.15 feet**.

The non-enforcement was approved by the Board at its meeting on May 18, 1992 ecoreded under instrument #9226238.

The following sureties were guaranteed by First Federal Savings Bank and released by the Board on its December 16, 1991 meeting.

**Bond-LC No:** 1017

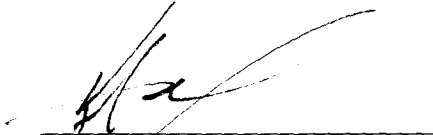
**Insured For:** Storm Sewers

**Amount:** \$95,000.00

**Issue Date:** May 21, 1991

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

Sincerely,



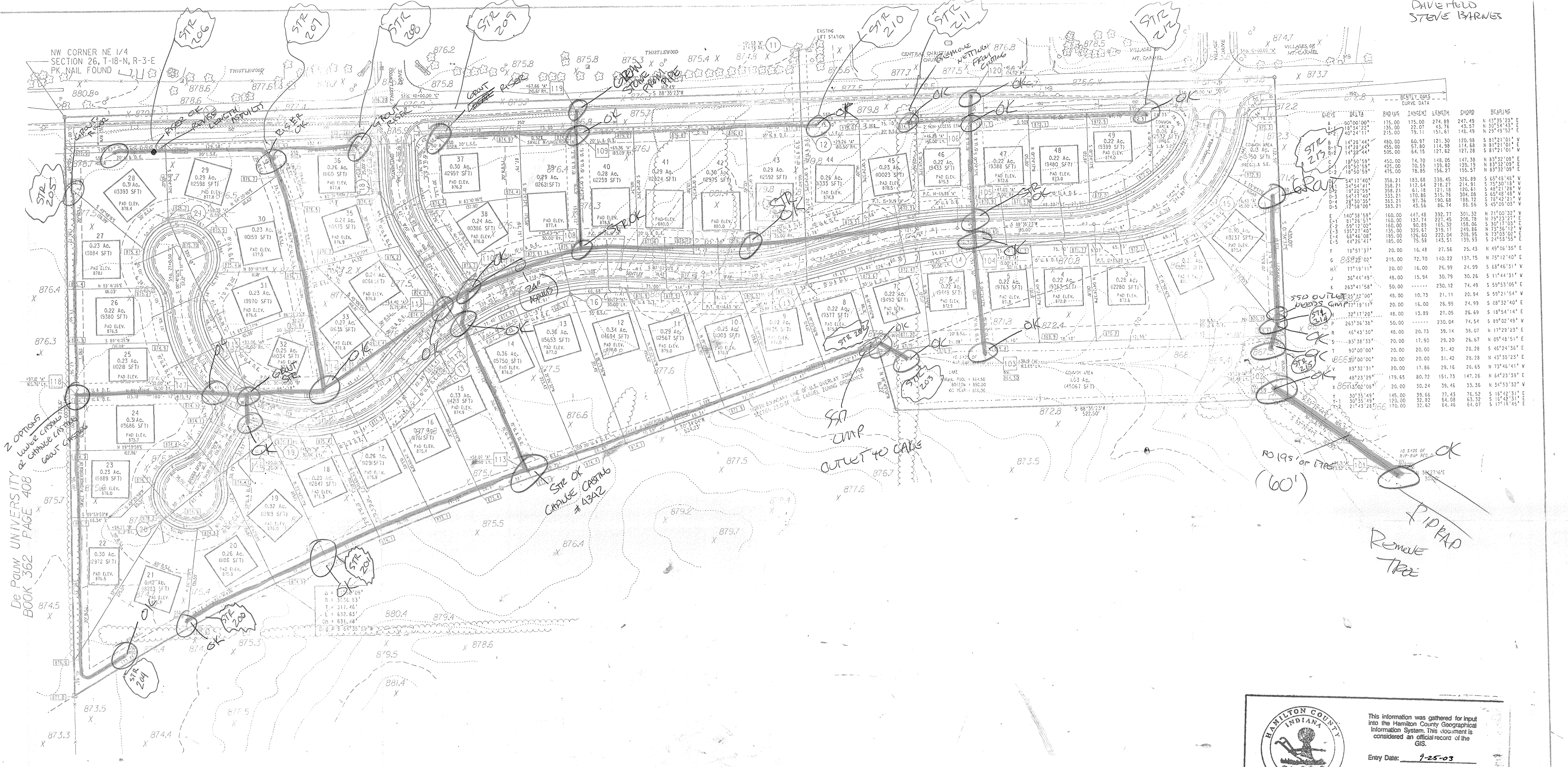
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Kenton C. Ward,  
Hamilton County Surveyor

KCW/slm



DAVE HELD  
STEVE BARNES

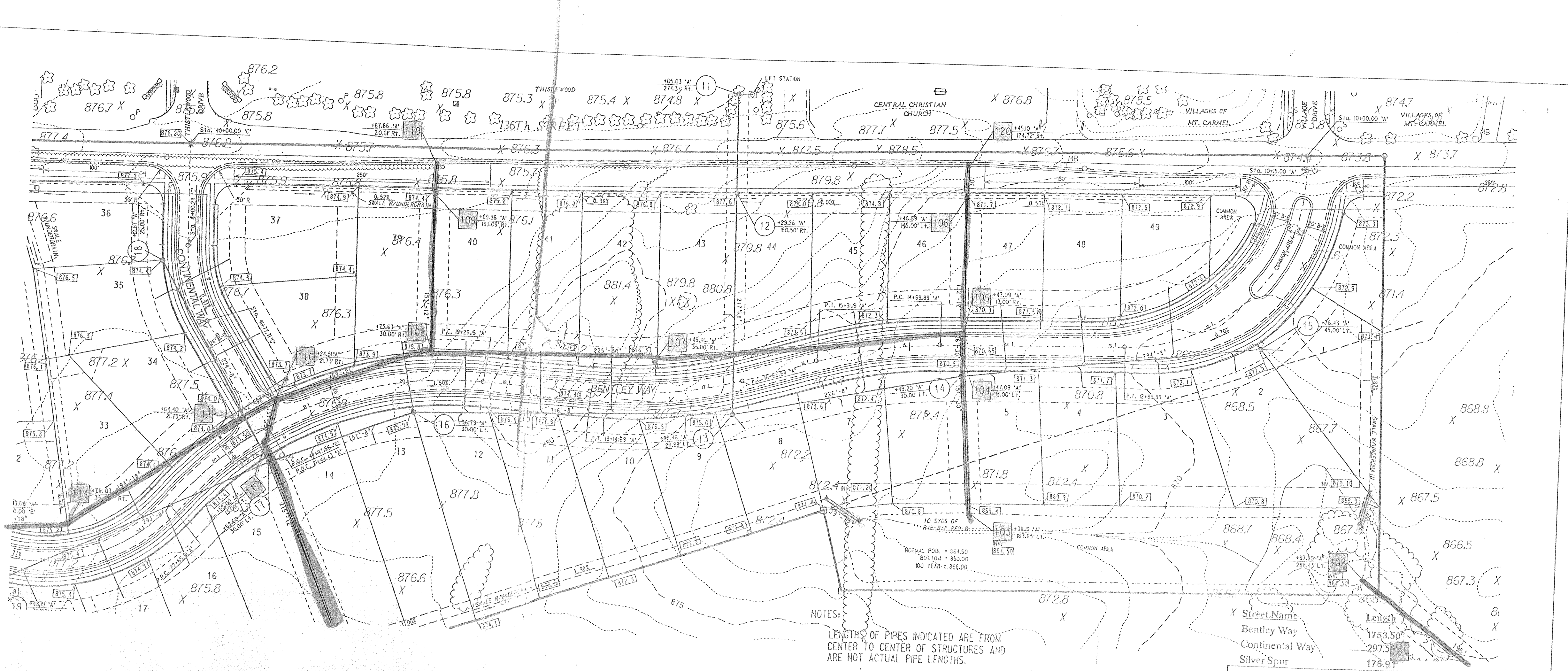
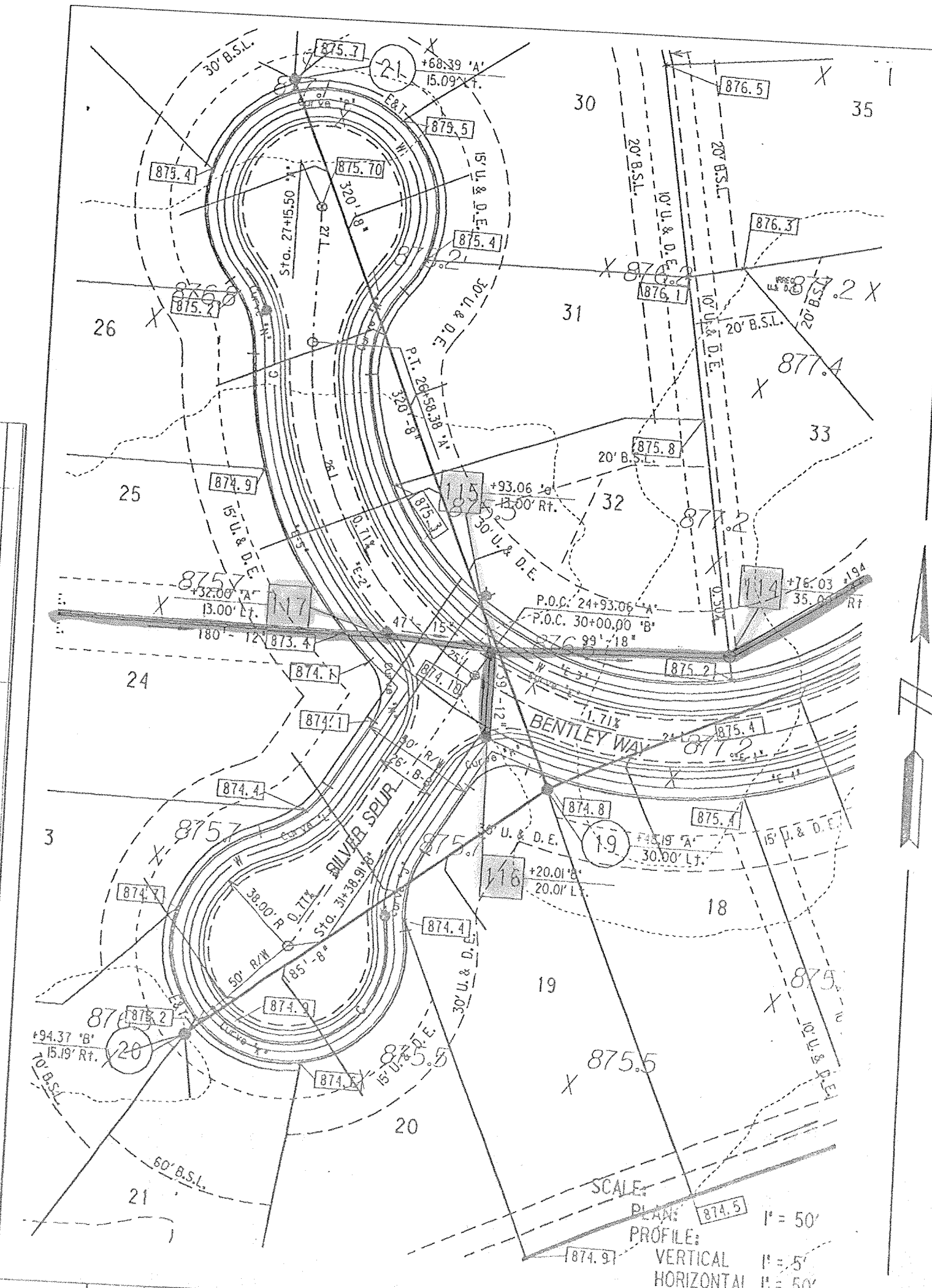


CURVE DATA

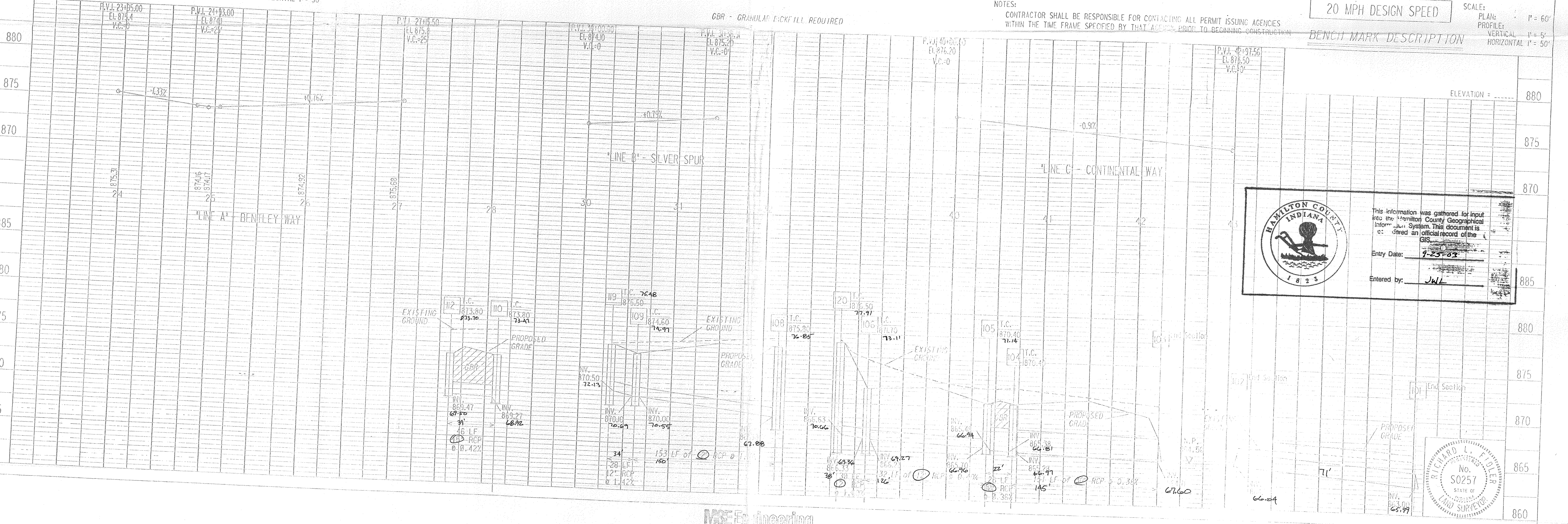
CHORD BEARING	CHORD LENGTH	CHORD BEARING	CHORD LENGTH	CHORD BEARING	CHORD LENGTH	
A	175.00	175.00	274.89	247.49	N 43°35'28" E	
B	181.34	22.07	43.76	43.51	N 30°24'48" E	
C	215.00	78.11	151.61	146.49	N 59°52'52" E	
D	450.00	60.97	121.30	120.98	S 81°21'01" V	
E	455.00	57.80	114.88	114.68	N 81°21'01" E	
F	505.00	64.15	121.62	121.28	N 83°20'09" E	
G	450.00	74.70	148.06	147.38	N 83°20'09" E	
H	482.00	70.25	139.82	139.19	N 83°20'09" E	
I	450.00	78.85	156.27	155.57	N 83°20'09" E	
J	358.21	183.68	338.45	326.89	S 65°49'48" V	
K	348.54	112.64	218.27	214.91	N 70°23'27" E	
L	358.21	61.18	121.38	120.61	S 48°21'28" V	
M	353.21	110.86	315.76	304.08	S 65°48'28" V	
N	353.21	97.36	190.68	189.12	S 78°42'21" V	
O	383.21	43.56	86.74	86.55	S 45°05'03" V	
P	140°38'58"	160.00	447.48	392.77	301.32	N 71°00'32" V
Q	160.00	137.74	227.45	208.78	N 70°23'27" E	
R	160.00	30.89	155.32	158.86	S 30°17'03" V	
S	135°27'40"	136.00	329.67	319.17	249.86	N 73°36'12" V
T	160.00	126.60	222.04	208.36	N 79°05'02" E	
U	165.00	15.58	143.51	139.93	S 24°55'55" E	
V	165°51'33"	20.00	16.48	27.56	25.43	N 49°06'35" E
W	215.00	72.70	140.02	137.75	N 75°12'40" E	
X	171°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
Y	36°44'49"	48.00	15.94	30.79	30.26	S 11°44'51" V
Z	263°44'58"	50.00	230.12	74.49	S 59°53'05" E	
AA	263°44'58"	48.00	10.73	21.11	20.94	S 59°21'54" V
AB	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
AC	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
AD	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
AE	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
AF	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
AG	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
AH	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
AI	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
AJ	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
AK	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
AL	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
AM	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
AN	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
AO	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
AP	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
AQ	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
AR	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
AS	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
AT	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
AU	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
AV	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
AW	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
AX	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
AY	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
AZ	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
BA	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
BB	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
BC	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
BD	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
BE	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
BF	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
BF	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
BG	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
BH	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
BI	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
BJ	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
BK	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
BL	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
BM	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
BN	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
BO	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
BP	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
BQ	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
BR	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
BS	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
BT	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
BU	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
BV	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
BW	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
BX	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
BY	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
BZ	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
CA	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
CB	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
CC	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
CD	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
CE	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
CF	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
CG	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
CH	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
CI	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
CJ	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
CK	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
CL	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
CM	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
CN	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
CO	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
CP	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
CQ	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
CR	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
CS	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
CT	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
CU	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
CV	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
CW	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
CX	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
CY	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
CZ	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
DA	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
DB	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
DC	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
DD	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
DE	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
DF	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
DF	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
DG	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
DH	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
DI	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
DJ	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
DK	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
DL	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
DM	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
DN	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
DO	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
DP	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
DQ	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
DR	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
DS	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
DT	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
DU	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
DV	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
DW	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
DX	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
DY	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
DZ	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
EA	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
EB	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
EC	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
ED	327°19'11"	20.00	16.00	26.99	24.99	S 68°46'51" V
EE	327°19'11"	48.00	15.94	30.79	30.26	S 11°44'51" V
EF	327°19'11"	50.00	230.04	74.54	S 59°53'05" E	
EG	327°19'11"	48.00	10.73	21.11	20.94	S 59°21'54" V
EH	327°19'11"	20.00	16.00			

PLAN SHEETED DATE  
 NOTED BY  
 NO. OF SHEETS  
 NO. OF SHEETS  
 NO. OF SHEETS

PROFILE PLOTTED  
 NOTE BOOK  
 NO. OF SHEETS  
 NO. OF SHEETS



NOTES:  
 LENGTHS OF PIPES INDICATED ARE FROM CENTER TO CENTER OF STRUCTURES AND ARE NOT ACTUAL PIPE LENGTHS.  
 CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PERMIT ISSUING AGENCIES WITHIN THE TIME FRAME SPECIFIED BY THAT AGENCY PRIOR TO BEGINNING CONSTRUCTION.  
 20 MPH DESIGN SPEED  
 SCALE: PLAN: 1" = 60'  
 PROFILE: 1" = 5'  
 HORIZONTAL: 1" = 50'



HAMILTON 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: 7-25-03  
 Entered by: JWL

RICHARD L. FIDLER  
 No. S0257  
 STATE OF INDIANA  
 COUNTY SURVEYOR

MSE Engineering

