

Drain: WINDERMERE DRAIN **Drain #:** 252
Improvement/Arm: WINDERMERE - SECTION 4B
Operator: JOH **Date:** 6-25-04
Drain Classification: Urban/Rural **Year Installed:** 1997

GIS Drain Input Checklist

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



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

May 6, 1997

TO: HAMILTON COUNTY DRAINAGE BOARD

RE: Windemere Drain-Section 4B Arm

Attached is a petition, plans, non-enforcement request, calculations, quantity summary and assessment roll for the Windemere Drain-Section 4B 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	1,602 feet	21" RCP	170 feet
12" RCP	148 feet	24" RCP	623 feet
15" RCP	17 feet		
18" RCP	249 feet		

The total length of the drain will be 2,809 feet.

The subsurface drains (SSD) under curbs are to be part of the regulated drain. Only the main SSD lines which are located within the 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 of the lots equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to

Page #2

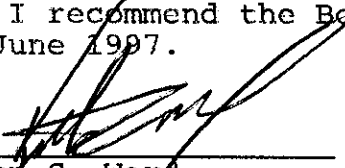
landowners by the Construction of this drain. I recommend a maintenance assessment of \$30.00 per lot, \$5.00 per acre for roadways, with a \$30.00 minimum. With this assessment the total annual assessment for this section will be \$ 330.00 .

Parcels assessed for this drain may be assessed for the John Osborn Drain, McDuffie Creek or Williams Creek Drains 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 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 Windemere Section 4B as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for June 1997.



Kenton C. Ward
Hamilton County Surveyor
KCW/no

Irwin Union Bank and Trust Company
500 Washington Street
Box 929
Columbus, Indiana 47202



An Irwin Financial Company

STANDBY LETTER OF CREDIT

Letter of Credit No. 12-97

Date: April 11, 1997

BENEFICIARY

Hamilton County Board of Commissioners
One Hamilton County Square
Noblesville, Indiana 46060

APPLICANT

Windemere Corporation
3510 E. 96th Street Suite 26
Indianapolis, Indiana 46240

We hereby establish our Irrevocable Letter of Credit in your favor, for the account of Windemere Corporation, for the sum or sums not exceeding an aggregate amount of USD51,195.00 (Fifty One Thousand One Hundred Ninety Five U.S. Dollars).

Funds are available by your drafts at sight drawn on Irwin Union Bank and Trust Co., Columbus, Indiana. Drafts are to be accompanied by:

1. The original of the Letter of Credit No. 12-97.
2. Beneficiary's signed statement stating that "Windemere Corporation has failed to complete the storm sewer (\$42,106.00) and subsurface drain (\$9,089.00) in Windemere, Section 4B.

Partial drawings are permitted.

All drafts drawn under this Letter of Credit are to be endorsed hereon and shall bear the clause: "Drawn under Irwin Union Bank and Trust Co. Letter of Credit No. 12-97" and must be drawn and presented at this office on or before April 11, 1998.

We hereby agree with you that all drafts drawn under and in compliance with the term of this Letter of Credit will be duly honored upon proper presentation. This Letter of Credit will be extended for one year unless notified by Irwin Union Bank and Trust Co. 45 days prior to the expiration date. In no event will this Letter of Credit be valid after April 11, 1999.

Except as otherwise expressly stated herein, this credit is subject to the Uniform Customs and Practice for Documentary Credits (1993 Revision), International Chamber of Commerce, Publication No. 500.

Very truly yours,

William R. Redman
Market President - Hamilton County

RELEASED 3-8-99

812 372 0111

Irwin Union Bank and Trust Company
500 Washington Street
Box 929
Columbus, Indiana 47202



An Irwin Financial Company

STANDBY LETTER OF CREDIT

Letter of Credit No. 13-97

Date: April 11, 1997

BENEFICIARY

Hamilton County Board of Commissioners
One Hamilton County Square
Noblesville, Indiana 46060

APPLICANT

Windemere Corporation
3510 E. 96th Street Suite 26
Indianapolis, Indiana 46240

We hereby establish our Irrevocable Letter of Credit in your favor, for the account of Windemere Corporation, for the sum or sums not exceeding an aggregate amount of USD3,560.00 (Three Thousand Five Hundred Sixty U.S. Dollars).

Funds are available by your drafts at sight drawn on Irwin Union Bank and Trust Co., Columbus, Indiana. Drafts are to be accompanied by:

1. The original of the Letter of Credit No. 13-97.
2. Beneficiary's signed statement stating that "Windemere Corporation has failed to complete the erosion control (\$2,960.00), monuments and markers (\$600.00) in Windemere, Section 4B.

Partial drawings are permitted.

All drafts drawn under this Letter of Credit are to be endorsed hereon and shall bear the clause: "Drawn under Irwin Union Bank and Trust Co. Letter of Credit No. 13-97" and must be drawn and presented at this office on or before April 11, 1998.

We hereby agree with you that all drafts drawn under and in compliance with the term of this Letter of Credit will be duly honored upon proper presentation. This Letter of Credit will be extended for one year unless notified by Irwin Union Bank and Trust Co. 45 days prior to the expiration date. In no event will this Letter of Credit be valid after April 11, 1999.

Except as otherwise expressly stated herein, this credit is subject to the Uniform Customs and Practice for Documentary Credits (1993 Revision), International Chamber of Commerce, Publication No. 500.

Very truly yours,

William R. Redman
Market President - Hamilton County

812 372 0111

WINDEMERE, SECTION 4B
CERTIFICATE OF COMPLETION AND COMPLIANCE
SANITARY SEWERS

Address of premises on which land
alteration was accomplished 106th Street

Inspection Date(s): _____ Permit No. _____

Relative to plans prepared by: Stoepelwerth & Associates, Inc.

on 12/18, 1992.

I hereby certify that:

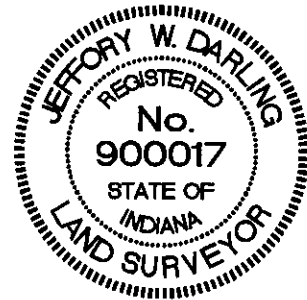
To the best of my knowledge, information and belief such land alteration has been
performed and completed in conformity with the improved plan, except None

Signature Jeffery W. Darling Date: 11/06/1998

Type Name: Jeffery W. Darling Phone: (317) 849-5935

Business Address: 9940 Allisonville Road, Fishers, IN 46038

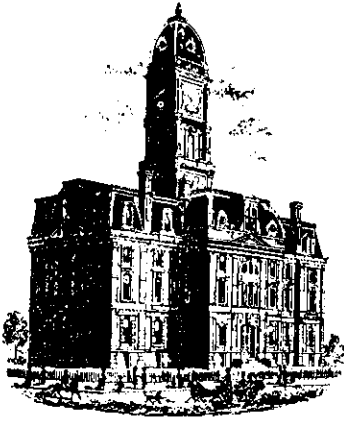
Surv. X Engr. _____ Arch. _____ Indiana Registration No. R.L.S. 900017



(SEAL)

FORMS/COMP&C

FILED
NOV 09 1998
OFFICE OF HAMILTON COUNTY SURVEYOR



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

June 29, 1999

Re: Windemere Drain: 4b Arm

Attached are as-builts, certificate of completion & compliance, and other information for Windemere 4b. 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 May 6, 1997. The changes are as follows:

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

869	864.33	860.56				
868	864.31	860.31	12	28		
868	864.31	860.31				
867	864.7	860	15	17		
870	861.79	858.44				
871	861.6	859.73	12	121	120	1
872	861.62	858.76				
870	861.79	858.44	18	119	125	-6
870	861.79	858.44				
867	864.7	858.1	21	166	170	-4
867	864.7	858.1				
866	865.95	857.41	24	387	388	-1
866	865.95	857.41				
865	864.64	856.73	24	240	235	5
876	861.13	857.76				
875	861.43	857.18	18	128	124	4

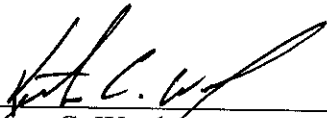
The length of the drain due to the changes described above is now **2,808 feet**.

The non-enforcement was approved by the Board at its meeting on April 2, 1997 and recorded under instrument #9909924005.

The bond or letter of credit from Irwin Union Bank and Trust Company, number 12-97; in the amount of \$51,195.00 for storm sewers and subsurface drains; was released March 8, 1999.

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

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

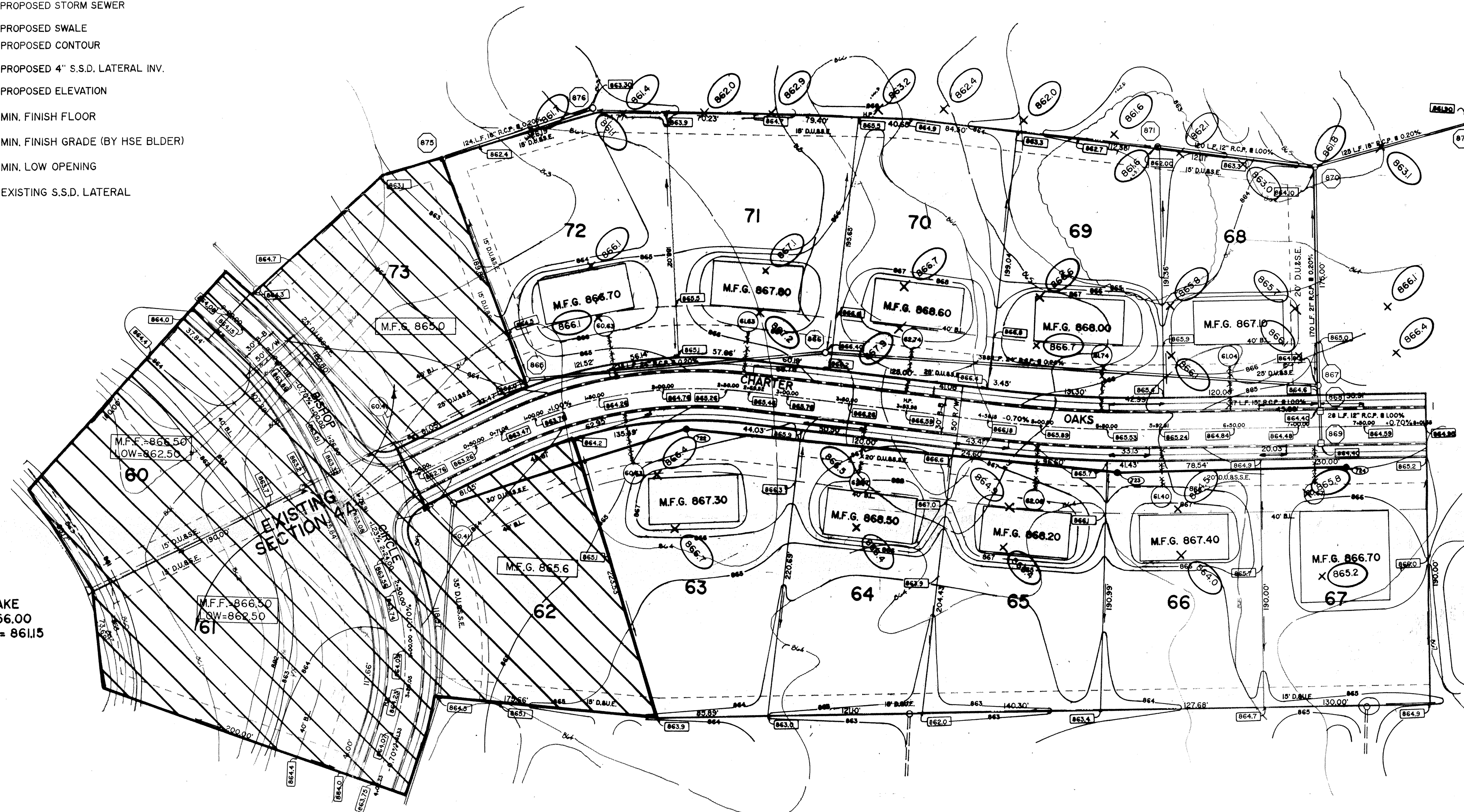
KCW/slm

LEGEND

- EXISTING GRADE
- EXISTING CONTOUR
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WOODS
- UNDERDRAINS CONTINUOUS CONNECT INTO STORM CASTINGS ONLY.
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED SWALE
- PROPOSED CONTOUR
- PROPOSED 4" S.S.D. LATERAL INV.
- PROPOSED ELEVATION
- M.F.F. MIN. FINISH FLOOR
- M.F.G. MIN. FINISH GRADE (BY HSE BLDER)
- LOW MIN. LOW OPENING
- EXISTING S.S.D. LATERAL

SCALE: 1"=50'

- EARTHWORK:**
1. **EXCAVATION**
 - A. Excavated material that is suitable may be used for fills. All unsuitable material and all surplus excavated material not required shall be removed from the site.
 - B. Provide and place any additional fill material from off site as may be necessary to produce the grades required on plans. Fill obtained from offsite shall be of quality as specified for fills herein and the source approved by the Developer. It will be the responsibility of the Contractor for any costs for fill needed.
 2. **REMOVAL OF TREES**
 - A. All trees and stumps from area to be occupied by a road surface area.
 3. **PROTECTION OF TREES**
 - A. The Contractor shall, at the direction of the Developer, endeavor to save and protect trees of value and worth which do not impair construction of improvements as designed.
 - B. In the event cut or fill exceeds 0.5 foot over the root area, the Developer shall be consulted with respect of protective measure to be taken, if any, to preserve such trees.
 4. **REMOVAL OF TOPSOIL**
 - A. Removal of topsoil to a depth of 6 inches (or more if required by Engineer) from all areas to be excavated or filled. Topsoil should be stored at a location where it will not interfere with construction operations. The topsoil shall be free of debris and stones.
 5. **UTILITIES**
 - A. Rules and regulation governing the respective utility shall be observed in executing all work under this section.
 - B. It shall be the responsibility of the Contractor to determine the location of existing underground utilities 2 working conditions of active utilities. For utility locations to be marked call Toll Free 1-800-382-5544 within Indiana or 1-800-428-5200 outside Indiana.
 - C. The Engineer shall not be responsible for any damage caused by an erroneous location shown or by the omission of utility location on these plans.
 6. **SITE GRADING**
 - A. Do all cutting, filling, compacting of fills and rough grading required to bring entire project area to subgrade as shown on the drawing.
 - B. The tolerance for paved areas shall not exceed 0.10 feet above established subgrade. All other areas shall not exceed 0.10 feet plus or minus the established grade. Provide roundings at top and bottom of banks and other breaks in grade.
 - C. The Engineer shall be notified when the Contractor has reached the tolerance as stated above, so that field measurements and spot elevations can be verified by the Engineer. The Contractor shall not remove his equipment from the site until the Engineer has verified that the job meets the above tolerance.



EX. LAKE
N.P. = 856.00
100 YR. = 861.15

NOTE:
STREET GRADES FOR BISHOP CIRCLE ARE SHOWN FOR REFERENCE ONLY. DOES NOT DEPICT AS-BUILT ELEVATION. BISHOP CIRCLE WAS BUILT WITH SECTION 2 IN 1992.

STORM SEWER TABLE

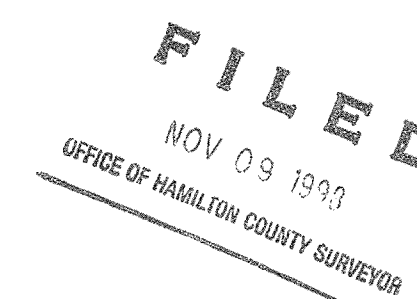
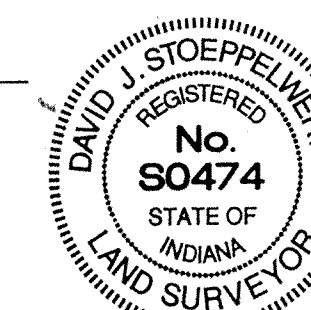
STR. NO.	TYPE	TC/RIM	INVERTS
866	MANHOLE	866.40	857.23 (N) (S)
867	MANHOLE	864.80	858.01 (N) (S) (E) 860.05 (N)
868	CURB INLET	864.40	860.22 (W) (E)
869	CURB INLET	864.40	860.50
870	MANHOLE	864.10	858.35 (N) (S) (W)
871	YARD INLET	862.00	859.55
872	YARD INLET	861.90	858.60 (N) (S)
876	MANHOLE	863.30	857.37

BENCHMARKS

- TBM#1 Top of Harrison Monument at North Quarter Corner Centerline 106th Street.
C.P. #6
Elev. = 864.74
- SA#5 24" Elm, approximately 300' North of Main Building an approximately 60' West of East property line (R.R. spike N.W. side 12" High)
Elev. = 867.28
- SA#6 24" Oak, approximately 150' North of South property line, 200' East of West property line (R.R. spike South side 12" High)
Elev. = 869.57
- SA#7 40' tree, approximately 25' East of West property line and 30' North of North face of horse stables extended. (R.R. spike North side 12" High)
Elev. = 860.49

RECORD DRAWING

David J. Stoepfelwerth 11/3/98
DAVID J. STOEPPELWERTH DATE
Registered Land Surveyor
No. S0474



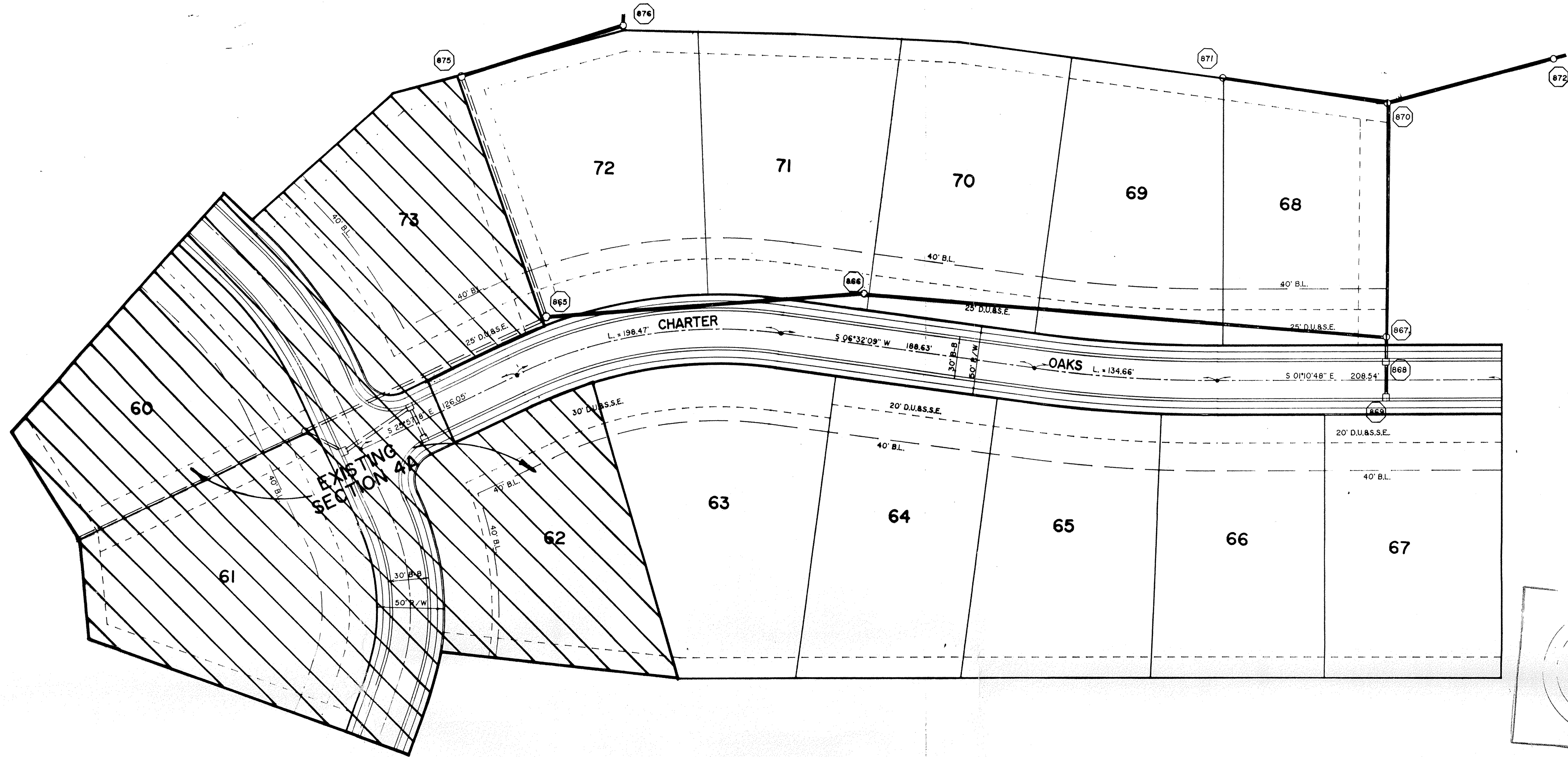
David J. Stoepfelwerth 12/10/92
DAVID J. STOEPPELWERTH DATE
Professional Engineer
NO. 19358



DATE	BY	REVISIONS
12/18/92	LMC	MARK/DATA
3/22/95	LMC	REV. SHOW SEC. 4A AREA
1/2/96	ASB	AS BUILT

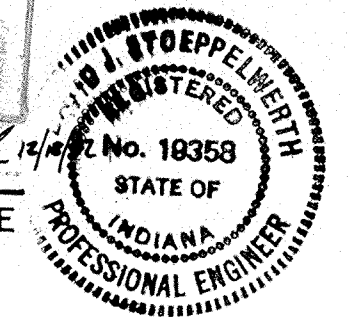
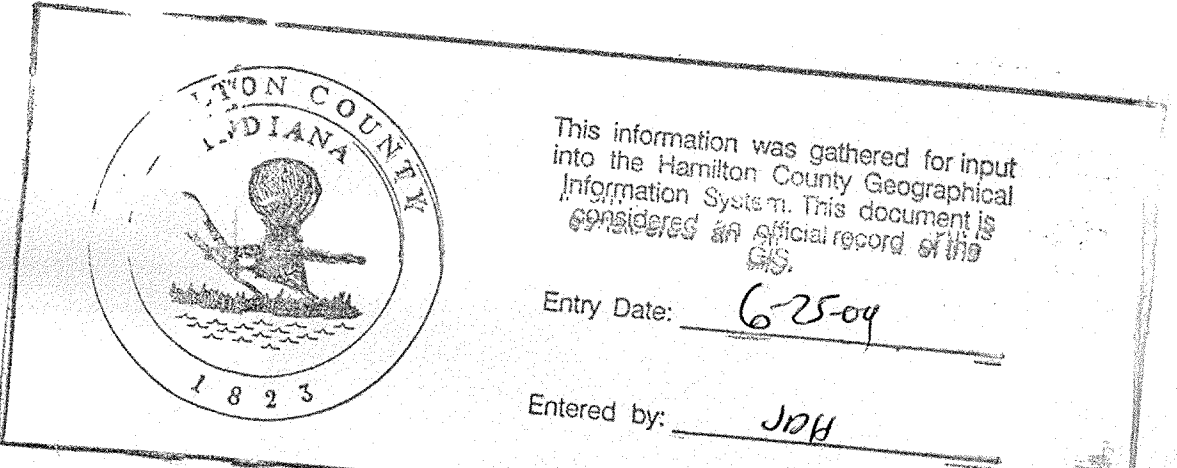
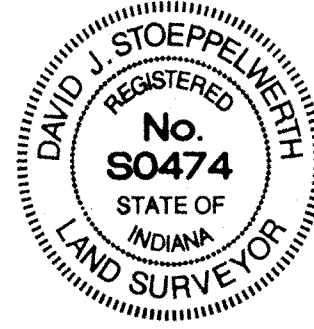
STOEPPELWERTH & ASSOCIATES, INC.
CONSULTING ENGINEERS
& LAND SURVEYORS
INDIANAPOLIS INDIANA (317)-849-5935

INDIANA
INDIANAPOLIS
INDIANA
INDIANAPOLIS



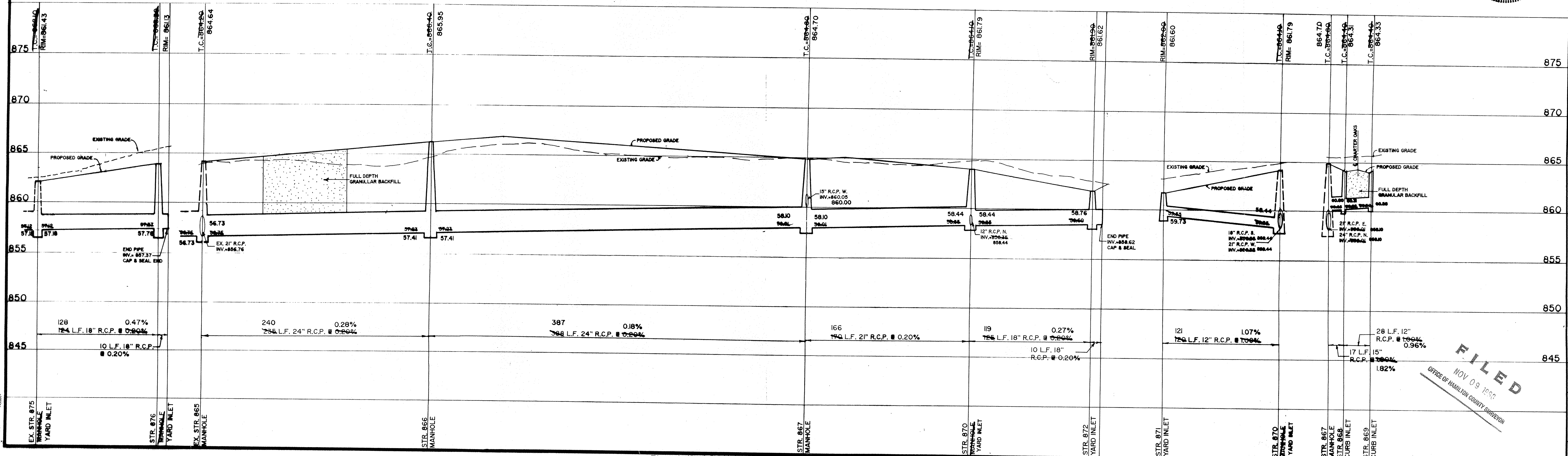
RECORD DRAWING

David J. Stoepelwerth
DAVID J. STOEPPELWERTH
Registered Land Surveyor
No. S0474

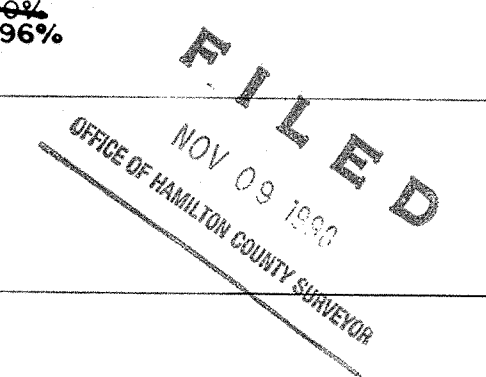


DAVID J. STOEPPELWERTH
Professional Engineer
No. 19358









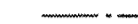







SCALE: 1"=5' VERT.
1"=50' HOR.



STORM SEWER PLAN & PROFILES WINDEMERE SECTION 4B



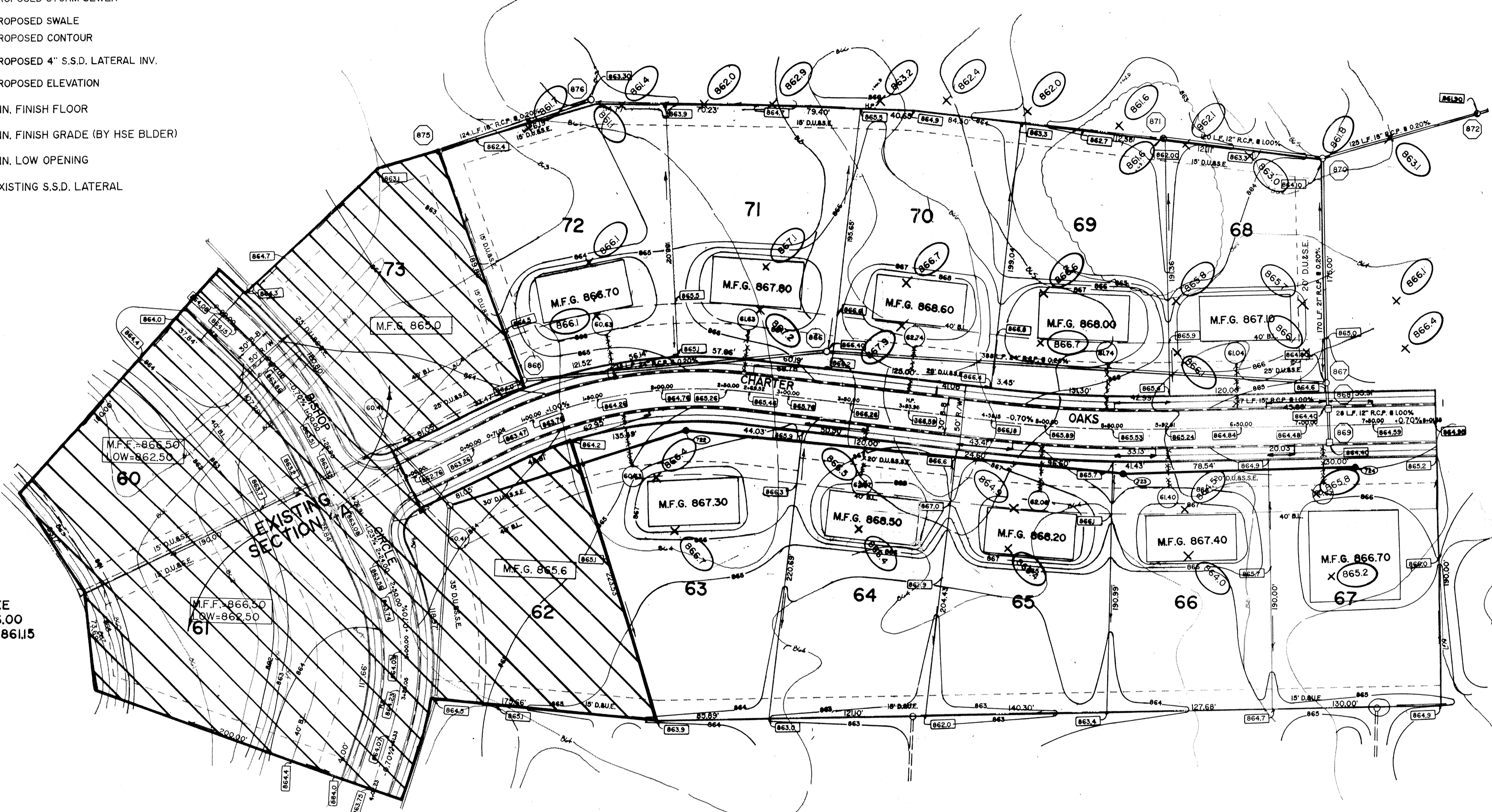
LEGEND

-  EXISTING GRADE
-  EXISTING CONTOUR
-  EXISTING STORM SEWER
-  EXISTING SANITARY SEWER
-  EXISTING WOODS
-  UNDERDRAINS CONTINUOUS CONNECT INTO STORM CASTINGS ONLY.
-  PROPOSED SANITARY SEWER
-  PROPOSED STORM SEWER
-  PROPOSED SWALE
-  PROPOSED CONTOUR
-  PROPOSED 4" S.S.D. LATERAL INV.
-  PROPOSED ELEVATION
-  M.F.F. MIN. FINISH FLOOR
-  M.F.G. MIN. FINISH GRADE (BY HSE BLDER)
-  LOW MIN. LOW OPENING
-  EXISTING S.S.D. LATERAL

SCALE: 1"=50'

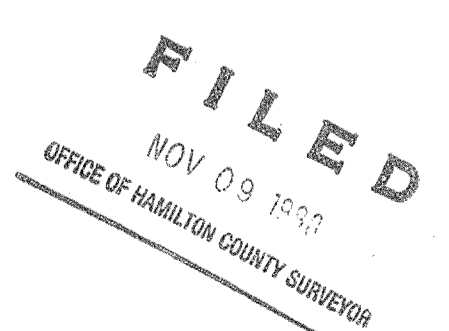
EARTHWORK:

1. **EXCAVATION**
 - A. Excavated material that is suitable may be used for fills. All unsuitable material and all surplus excavated material not required shall be removed from the site.
 - B. Provide and place any additional fill material from off site as may be necessary to produce the grades required on plans. Fill obtained from offsite shall be of quality as specified for fills herein and the source approved by the Developer. It will be the responsibility of the Contractor for any costs for fill needed.
2. **REMOVAL OF TREES**
 - A. All trees and stumps from area to be occupied by a road surface area.
3. **PROTECTION OF TREES**
 - A. The Contractor shall, at the direction of the Developer, endeavor to save and protect trees of value and worth which do not impair construction of improvements as designed.
 - B. In the event cut or fill exceeds 0.5 foot over the root area, the Developer shall be consulted with respect of protective measure to be taken, if any, to preserve such trees.
4. **REMOVAL OF TOPSOIL**
 - A. Removal of topsoil to a depth of 6 inches (or more if required by Engineer) from all areas to be excavated or filled. Topsoil should be stored at a location where it will not interfere with construction operations. The topsoil shall be free of debris and stones.
5. **UTILITIES**
 - A. Rules and regulation governing the respective utility shall be observed in executing all work under this section.
 - B. It shall be the responsibility of the Contractor to determine the location of existing underground utilities 2 working conditions of active utilities. For utility locations to be marked call Toll Free 1-800-382-5544 within Indiana or 1-800-428-5200 outside Indiana.
 - C. The Engineer shall not be responsible for any damage caused by an erroneous location shown or by the omission of utility location on these plans.
6. **SITE GRADING**
 - A. Do all cutting, filling, compacting of fills and rough grading required to bring entire project area to subgrade as shown on the drawing.
 - B. The tolerance for paved areas shall not exceed 0.10 feet above established subgrade. All other areas shall not exceed 0.10 feet plus or minus the established grade. Provide roundings at top and bottom of banks and other breaks in grade.
 - C. The Engineer shall be notified when the Contractor has reached the tolerance as stated above, so that field measurements and spot elevations can be verified by the Engineer. The Contractor shall not remove his equipment from the site until the Engineer has verified that the job meets the above tolerance.



RECORD DRAWING

David J. Stoepelwerth 11/3/99
 DAVID J. STOEPELWERTH DATE
 Registered Land Surveyor
 No. S0474



David J. Stoepelwerth 12/18/92
 DAVID J. STOEPELWERTH DATE
 Professional Engineer
 No. 19358



NOTE:
 STREET GRADES FOR BISHOP CIRCLE ARE SHOWN FOR REFERENCE ONLY. DOES NOT DEPICT AS-BUILT ELEVATION. BISHOP CIRCLE WAS BUILT WITH SECTION 2 IN 1992.

STORM SEWER TABLE

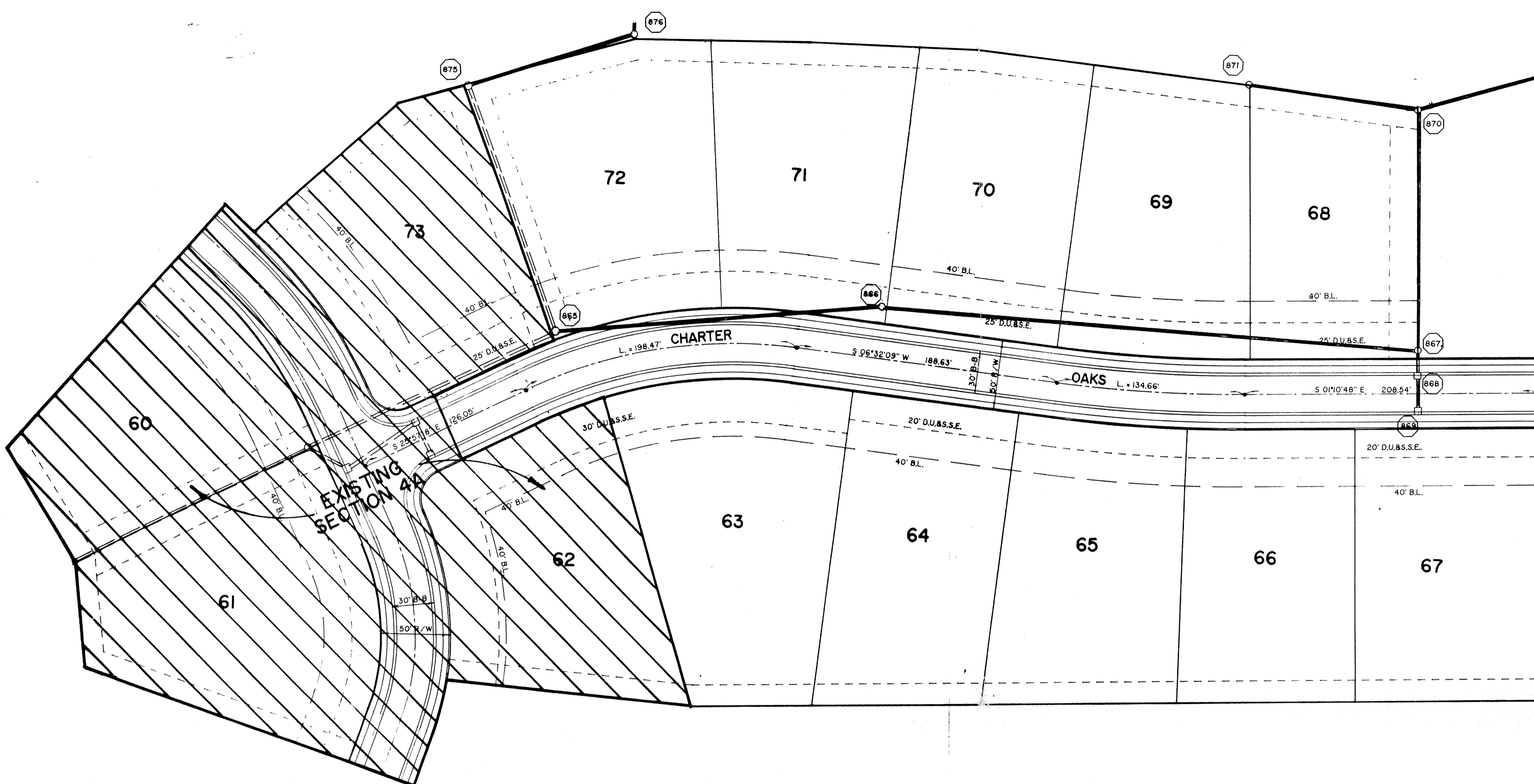
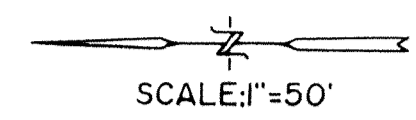
STR. NO.	TYPE	TC/RIM	INVERTS
866	MANHOLE	866.40	857.23 (N) (S)
867	MANHOLE	864.80	858.01 (N) (S) (E) 860.05 (W)
868	CURB INLET	864.40	860.22 (W) (E)
869	CURB INLET	864.40	860.50
870	MANHOLE	864.10	858.35 (N) (S) (W)
871	YARD INLET	862.00	859.55
872	YARD INLET	861.90	858.60 (N) (S)
876	MANHOLE	863.30	857.37

- BENCHMARKS**
- TBM#1 Top of Harrison Monument at North Quarter Corner Centerline 106th Street. C.P. #6 Elev. = 864.74
 - SA#5 24" Elm, approximately 300' North of Main Building an approximately 60' West of East property line (R.R. spike N.W. side 12" High) Elev. = 867.28
 - SA#6 24" Oak, approximately 150' North of South property line, 200' East of West property line (R.R. spike South side 12" High) Elev. = 869.57
 - SA#7 40" tree, approximately 25' East of West property line and 30' North of North face of horse stables extended. (R.R. spike North side 12" High) Elev. = 860.49

DATE	BY	REVISIONS
12/18/92	LNC	AS NOTED
		AS BUILT
		REV. SHOW SEC. 4A AREA

STOEPPELWERTH & ASSOCIATES, INC.
CONSULTING ENGINEERS
& LAND SURVEYORS
INDIANAPOLIS, INDIANA
(317) 849-5935

INDIANAPOLIS, INDIANA
STORM SEWER PLAN & PROFILES
WINDEMERE SECTION 4B



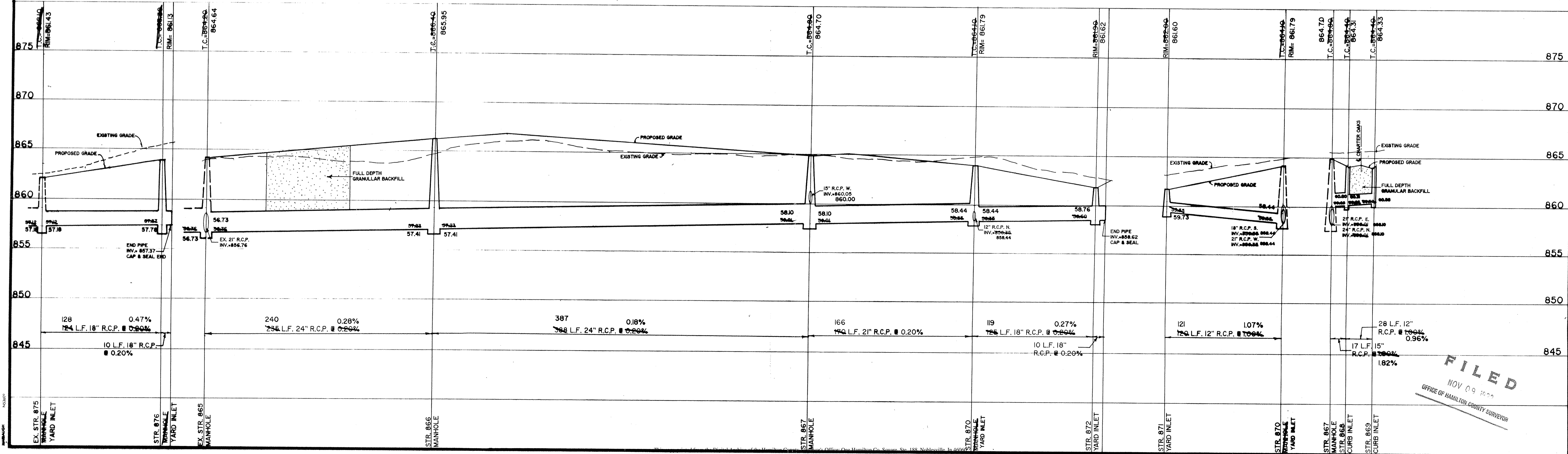
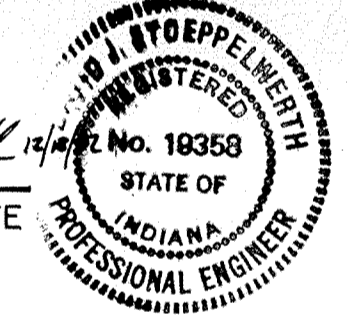
RECORD DRAWING

David J. Stoepfelwerth
DAVID J. STOEPPELWERTH
Registered Land Surveyor
No. S0474
DATE 11/3/98



SCALE: 1"=5' VERT.
1"=50' HOR.

David J. Stoepfelwerth
DAVID J. STOEPPELWERTH
Professional Engineer
No. 19358
DATE



FILED
NOV 09 1998
OFFICE OF HAMILTON COUNTY SURVEYOR