

Drain: BRAMBUE WOOD DRAIN **Drain #:** 269
Improvement/Arm: SECTION 1
Operator: JDH **Date:** 10-24-03
Drain Classification: Urban/Rural **Year Installed:** 1994

GIS Drain Input Checklist

- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains JJA 10-24
- Digitize & Attribute SSD JJA 10-24
- Digitize & Attribute Open Ditch N/A
- Sum drain lengths & Validate JJA 10-24
- Enter Improvements into Posse JJA 10-27
- Enter Drain Age into Posse JJA 10-28
- Sum drain length for Watershed in Posse JJA 10-28
- Stamp Plans JJA 10-27
- Pull Source Documents for Scanning JJA 10-27

QC'd Summary 11-24-2003 OK slm ✓

**Gasb 34 Footages for Historical Cost
Drain Length Log**

Drain-Improvement: BRAMBLEWOOD DRAIN - SECTION 2

Drain Type:	Size:	Lenath ()	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
SSD	6"	5811	6050'			
RCP	12"	801'	801'			
	15"	1202'	1202'			
	18"	327'	327'			
	21"	144'	144'			
	24"	292'	292'			
	27"	86'	86'			
	30"	182'	182'			
	* 54"	134'	134'			

Sum: 9279' 9518'
 8845' 9084'

Final Report: 9279'

Comments:

AS BUILTS SHOW ACTUAL LENGTH OF SSD - FINAL REPORT DOES NOT INDICATE ANY LENGTH FOR SSD.

* 54" RCP NOT INCLUDED AS PART OF THIS DRAIN! 54" RCP IS A RECONSTRUCTION OF THE FITCH & JESSUP DRAIN & IS INCLUDED IN THAT DRAIN.

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

(1000000 011700)

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

In the matter of Bramblewood 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 Bramblewood, 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 Engineer's 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 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.



Roger L. Keester

Printed Name

Signed

Printed Name

RECORDED OWNER(S) OF LAND INVOLVED

DATE _____



NBD Bank, N.A.
 International Operations
 One Indiana Square
 Indianapolis, Indiana 46266
 (317) 266-5395

In All Correspondence
 Quote Our Reference No.

TELEX: MCI205615

◀ By Mail By Wire ▶

S.W.I.F.T.: INBI US44

FAX: (317) 266-7150

IRREVOCABLE STANDBY LETTER OF CREDIT NO. S036581
 JUNE 02, 1994

 *** B E N E F I C I A R Y *** | *** A P P L I C A N T ***
 HAMILTON COUNTY | TOWNE DEVELOPMENT, INC.
 BOARD OF COMMISSIONERS | 9100 KEYSTONE CROSSING
 AUDITORS OFFICE | #111
 1 HAMILTON COUNTY SQUARE | INDIANAPOLIS, IN 46240
 NOBLESVILLE, IN 46060 |

*** EXPIRY DATE/PLACE *** | *** AVAILABLE AT/BY: ***
 EXPIRES ON JUNE 02, 1995 | OUR OFFICE ONLY BY PRESENTATION
 FOR PRESENTATION AT OUR OFFICE. | OF DOCUMENT(S) REQUIRED AND YOUR
 | DRAFT(S) DRAWN AT SIGHT.

 A M O U N T O F C R E D I T : NOT TO EXCEED, IN THE AGGREGATE
 187,690.00 U.S. DOLLARS

GENTLEMEN,

AT THE REQUEST AND FOR THE ACCOUNT OF THE ABOVE NAMED APPLICANT,
 WE HEREBY ESTABLISH OUR IRREVOCABLE LETTER OF CREDIT IN YOUR
 FAVOR WHICH IS AVAILABLE AS INDICATED ABOVE AGAINST PRESENTATION
 OF YOUR DRAFT(S) DRAWN ON NBD BANK, N.A., INDIANAPOLIS, INDIANA,
 WHEN ACCOMPANIED BY THE FOLLOWING DOCUMENTS:

BENEFICIARY'S SIGNED CERTIFICATE STATING THAT THE APPLICANT HAS
 FAILED TO CONSTRUCT THE NECESSARY STORM SEWERS AT BRAMBLEWOOD.

WE HEREBY ENGAGE WITH DRAWERS AND/OR BONA FIDE HOLDERS THAT
 DRAFTS DRAWN AND NEGOTIATED IN CONFORMITY WITH THE TERMS OF THIS
 CREDIT WILL BE DULY HONORED AT PRESENTATION AND THAT DRAFTS
 ACCEPTED WITHIN THE TERMS OF THIS CREDIT WILL BE DULY HONORED AT
 MATURITY.

EXCEPT SO FAR AS OTHERWISE EXPRESSLY STATED, THIS CREDIT IS
 SUBJECT TO THE UNIFORM CUSTOMS AND PRACTICE FOR DOCUMENTARY
 CREDITS, 1993 REVISION, INTERNATIONAL CHAMBER OF COMMERCE
 PUBLICATION NO. 500.

REGARDS,

Glenda C. Shierman
 AUTHORIZED SIGNATURE

RELEASE OF MAINTENANCE/PERFORMANCE BOND
 RELEASE OF LETTER OF CREDIT

HAMILTON COUNTY BOARD OF COMMISSIONERS
 BY: *[Signature]* JUN 14 1994

BY: *[Signature]* OFFICE OF HAMILTON COUNTY SURVEYOR

BY: *[Signature]*

DATED: 1/23/95

ATTEST:
 HAMILTON COUNTY AUDITOR

CERTIFICATE OF COMPLETION AND COMPLIANCE

Address of premises on which
land alteration was accomplished 96th Street and Towne Road

Inspection Date(s): _____ Permit No. _____

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

on March 15, 1996 93.

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 _____

Signature *David J. Stoepelwerth* Date: November 14, 1994

Typed Name: David J. Stoepelwerth Phone: (317 849-5935

Business Address 9940 Allisonville Rd., P.O. Box 509007
Indianapolis, In. 46250

Surv. Engr. _____ Arch. _____ Indiana Registration No. S0474

(SEAL)



10265COM/IWP/FORM



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square

Noblesville, Indiana 46060-2230

~~January 4, 1996~~

TO: Hamilton County Drainage Board

RE: Bramblewood Drain-Section 1

Attached are as-builts, certificate of completion and compliance, and other information for Bramblewood- 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 June 16, 1994. The changes are as follows:

STR 813-814	12" RCP	Lengthened from 200 feet to 202 feet
STR 802-803	12" RCP	Shortened from 45 feet to 41 feet
STR 805-806	15" RCP	Lengthened from 120 feet to 121 feet
STR 810-807	24" RCP	Missed on Original Report 230 feet
STR 807-805	18" RCP	Shortened from 140 feet to 137 feet
STR 805-802	15" RCP	Lengthened from 205 feet to 211 feet
STR 801-800	12" RCP	Shortened from 90 feet to 77 feet
STR 826-824	12" RCP	Lengthened from 35 feet to 28 feet
STR 824-827	18" RCP	Lengthened from 135 feet to 142 feet
STR 823-822	15" RCP	Lengthened from 130 feet to 132 feet
STR 822-821	15" RCP	Shortened from 120 feet to 118 feet
STR 821-820	15" RCP	Shortened from 110 feet to 106 feet
STR 827-829	21" RCP	Shortened from 150 feet to 144 feet
STR 829-830	27" RCP	Lengthened from 35 feet to 36 feet
STR 809-807	12" RCP	Shortened from 45 feet to 42 feet
STR 807-808	18" RCP	Lengthened from 40 feet to 48 feet
STR 828-829	12" RCP	Lengthened from 45 feet to 47 feet
STR 811-812	12" RCP	Lengthened from 30 feet to 32 feet
STR 812-810	24" RCP	Lengthened from 55 feet to 62 feet and was missed on Original Report
STR 815-813	30" RCP	Shortened from 65 feet to 60 feet
STR 813-812	30" RCP	Shortened from 125 feet to 122 feet
STR 812-816	15" RCP	Lengthened from 177 feet to 189 feet
STR 816-817	15" RCP	Lengthened from 130 feet to 142 feet
STR 818-818A	12" RCP	Lengthened from 135 feet to 137 feet
STR 818A-819	12" RCP	Shortened from 35 feet to 25 feet

The length of the drain due to the changes described above is now 9,279 feet.

The non-enforcement request was approved by the Board at its meeting on July 25, 1994.

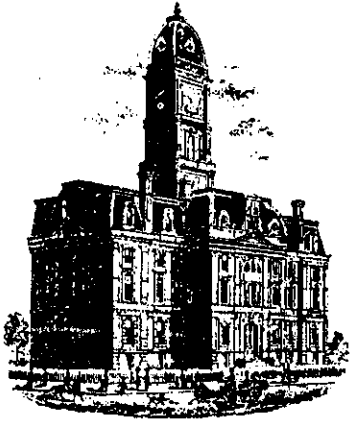
The Bond or Letter of Credit from NBA Bank, number #50366581, dated June 2, 1994, in the amount of \$187,690.00, has been recommended for release in a letter to the County Commissioners dated December 28, 1994.

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



Kenton C. Ward
Hamilton County Surveyor
KCW/no

SLM



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor
776-8495

Suite 146
One Hamilton County Square
Noblesville, Indiana 46060-2230

TO: Hamilton County Drainage Board

RE: Bramblewood DRAIN
Bramblewood Sec 1

Attached are as-builts, certificate of completion & compliance, and other information for Bramblewood 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 6-16-94. The changes are as follows:

OVER →

The length of the drain due to the changes described above is now 9279 feet.

~~During construction of the drain there were not any significant changes made to the plans submitted with my report dated _____. Therefore, the length of the drain remains at _____ feet.~~

~~Attached also is a non-enforcement for the drain which I recommend that the Board approve at this time. The non-enforcement was approved by the Board at its meeting on 7-25-94.~~

The bond or letter of credit from NBD Bank, number #5036581, dated 6-2-94, in the amount of \$187,690⁰⁰, has been recommended for release in a letter to the Commissioners dated 12-28-94.

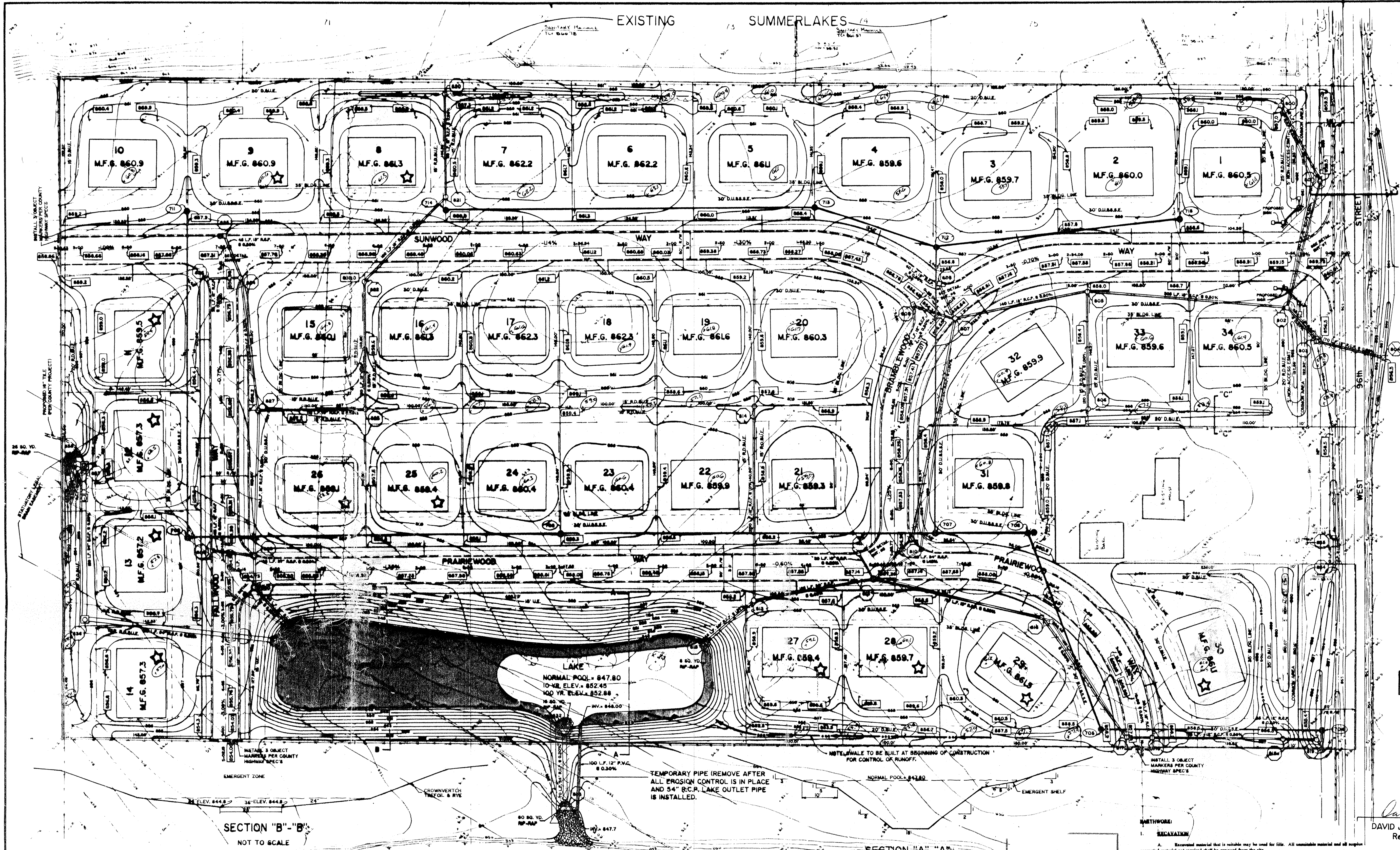
I recommend the Board approve the drains construction as complete and acceptable.

Sincerely,

Kenton C. Ward,
Hamilton County Surveyor

KCW/jh

STR 813-814	12" RCP	Lengthened from 200' feet to 202' feet.
STR 802-803	12" RCP	Shortened from 45' feet to 41' feet.
STR 805-806	15" RCP	Lengthened from 120' feet to 121' feet.
STR 810-807	24" RCP	230' feet - missed on Original Report.
STR 807-805	18" RCP	230' feet shortened from 140' feet to 137' feet.
STR 805-802	15" RCP	Lengthened from 205' feet to 211' feet.
STR 801-800	12" RCP	Shortened from 90' feet to 77' feet.
STR 826-824	12" RCP	Lengthened from 35' feet to 38' feet.
STR 824-827	18" RCP	lengthened from 135' feet to 142' feet.
STR 823-822	15" RCP	lengthened from 130' feet to 132' feet.
STR 822-821	15" RCP	shortened from 120' feet to 118' feet.
STR 821-820	15" RCP	shortened from 110' feet to 106' feet.
STR 827-829	21" RCP	shortened from 150' feet to 144' feet.
STR 829-830	27" RCP	lengthened from 35' feet to 36' feet.
STR 830-831		
STR 809-807	12" RCP	shortened from 45' feet to 42' feet.
STR 807-808	18" RCP	lengthened from 40' feet to 48' feet.
STR 828-829	12" RCP	lengthened from 45' feet to 47' feet.
STR 811-812	12" RCP	lengthened from 30' feet to 32' feet.
STR 812-810	24" RCP	lengthened from 55' feet to 62' feet and was missed on
STR 815-813	30" RCP	lengthened shortened from ^{65'} feet to ^{60'} feet . the original report,
STR 813-812	30" RCP	shortened from 125' feet to 122' feet.
STR 812-816	15" RCP	lengthened from 177' feet to 189' feet.
STR 816-817	15" RCP	lengthened from 130' feet to 142' feet.
STR 818-818A	12" RCP	lengthened from 135' feet to 137' feet.
STR 818A-819	12" RCP	shortened from 35' feet to 25' feet.

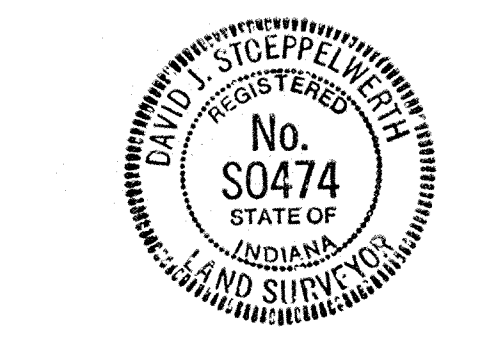


NOTE: HAMILTON COUNTY ENGINEERING DEPARTMENT'S REQUIREMENTS ARE COMPLETED BEFORE THE DEVELOPER'S WORKING DRAWINGS ARE SUBMITTED TO THE COUNTY ENGINEER. THE STOPPING OF THE STOPPING IS DELETED BY THE DEVELOPER. THE STOPPING WILL HAVE TO BE REDONE IN THE FUTURE. THE DEVELOPER WILL BE REQUIRED TO MARK UNDER EACH STREET FOR THE STORM SEWER DATE OF JUNE 1, 1993.

SCALE: 1" = 50'

NOTE: CONTRACTOR SHALL NOTIFY ENGINEER SO LAKE BOTTOM ELEVATION CAN BE VERIFIED PRIOR TO FILLING LAKE.

RECORD DRAWING



David J. Stoepelwerth 11/14/94
 Registered Land Surveyor
 No. S0474

REVISIONS

NO.	DATE	MARK	BY
1	3/15/93		

CERTIFIED: 7/17/93
 CONSULTING ENGINEERS-LAND SURVEYORS
 (317) 841-5935 1-800-778-6917 FAX: (317) 841-5932



INDIANA
 CARMEL

SITE DEVELOPMENT PLAN
 BRAMBLEWOOD
 SHEET NO. 2 OF 10 SHEETS
 15502

SECTION "B"-B
 NOT TO SCALE

SECTION "A"-A
 NOT TO SCALE

LEGEND

- EXISTING ELEVATION
- EXISTING CONTOUR
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- FENCE LINE
- UNDERGROUND TELEPHONE LINE
- EXISTING WATERMAIN
- OVERHEAD POWER LINE
- EXISTING WOODS
- PROPOSED ELEVATION
- PROPOSED CONTOUR
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER

PRINTED
 DEC 22 1993

EXISTING LAKE
 NORMAL POOL - 848.92

STORM SEWER TABLE

STATION	TYPE	INVERT	DIAMETER	LENGTH
000	YARD INLET	847.80	18"	1.00
001	YARD INLET	847.80	18"	1.00
002	MANHOLE	847.80	36"	1.00
003	YARD INLET	847.80	18"	1.00
004	YARD INLET	847.80	18"	1.00
005	MANHOLE	847.80	36"	1.00
006	YARD INLET	847.80	18"	1.00
007	CURB INLET WALLMANHOLE	847.80	36"	1.00
008	DOUBLE CURB INLET	847.80	36"	1.00
009	CURB INLET	847.80	18"	1.00
010	CURB INLET WALLMANHOLE	847.80	36"	1.00
011	CURB INLET	847.80	18"	1.00
012	CURB INLET WALLMANHOLE	847.80	36"	1.00
013	MANHOLE	847.80	36"	1.00
014	YARD INLET	847.80	18"	1.00
015	METAL BND SECTION	847.80	36"	1.00
016	MANHOLE	847.80	36"	1.00
017	CURB INLET	847.80	18"	1.00
018	CURB INLET	847.80	18"	1.00
019	YARD INLET	847.80	18"	1.00
020	YARD INLET	847.80	18"	1.00

STATION	TYPE	ELEVATION	DIAMETER
021	YARD INLET	847.80	18"
022	YARD INLET	847.80	18"
023	MANHOLE	847.80	36"
024	YARD INLET	847.80	18"
025	YARD INLET	847.80	18"
026	DOUBLE CURB INLET	847.80	36"
027	CURB INLET	847.80	18"
028	MANHOLE	847.80	36"
029	CURB INLET	847.80	18"
030	CURB INLET WALLMANHOLE	847.80	36"
031	CURB INLET WALLMANHOLE	847.80	36"
032	METAL BND SECTION	847.80	36"
033	METAL BND SECTION	847.80	36"
034	METAL BND SECTION	847.80	36"
035	METAL BND SECTION	847.80	36"
036	SPECIAL STRUCTURE	847.80	36"
037	SPECIAL STRUCTURE	847.80	36"
038	HEADWALL	847.80	36"

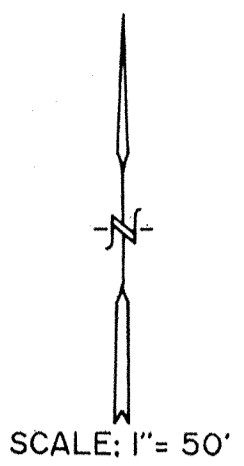
This information was gathered for input into the Hamilton County Geographical Information System. This information is considered an GIS.

Entry Date: 10-27-93
 Entered by: JPH

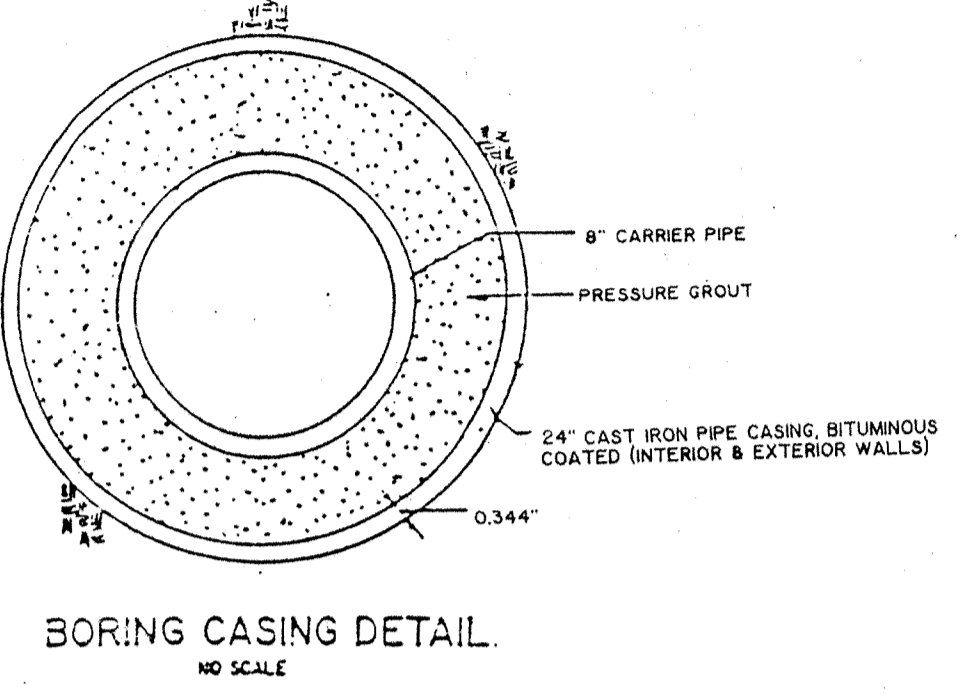
- NOTICE:**
- EXCAVATION**
 - A. Excavated material that is suitable may be used for fill. All unsuitable material and all surplus excavated material not required shall be removed from the site.
 - REMOVAL OF TREES**
 - A. All trees and shrubs from trees to be removed by a road surface area.
 - PROTECTION OF TREES**
 - A. The Contractor shall, at the discretion of the Developer, endeavor to spare and protect trees of value and worth which do not require removal or replacement as designed.
 - B. In the event that a tree is to be removed, the Contractor shall be responsible for the cost of replacement of a tree of similar size and species, if any, to preserve such trees.
 - 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 in a location where it will not interfere with construction operations. The topsoil shall be free of debris and stumps.
 - UTILITIES**
 - A. Rules and regulations governing the respective utility shall be observed in executing all work under this contract.
 - 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 1-800-325-5544 while subject to a 1-800-325-5544 service fee.
 - 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.
 - SEE DRAWING**
 - A. In all existing, fitting, connecting of pipe and rough grading required to bring water project area to subgrade or down to the existing.
 - B. The information for general notes shall not exceed 0.10 feet above established subgrade. All other notes shall not exceed 0.10 feet plus or minus the established grade. Provide coverings of all manholes of under and other inlets in grade.
 - C. The Engineer shall be notified when the Contractor has reached the tolerance as stated above, so the field measurements and spot elevations can be verified by the Engineer. The Contractor shall not remove the equipment from the site until the Engineer has notified that the job meets the above tolerance.

FILED
 DEC 23 1994
 OFFICE OF HAMILTON COUNTY SURVEYOR

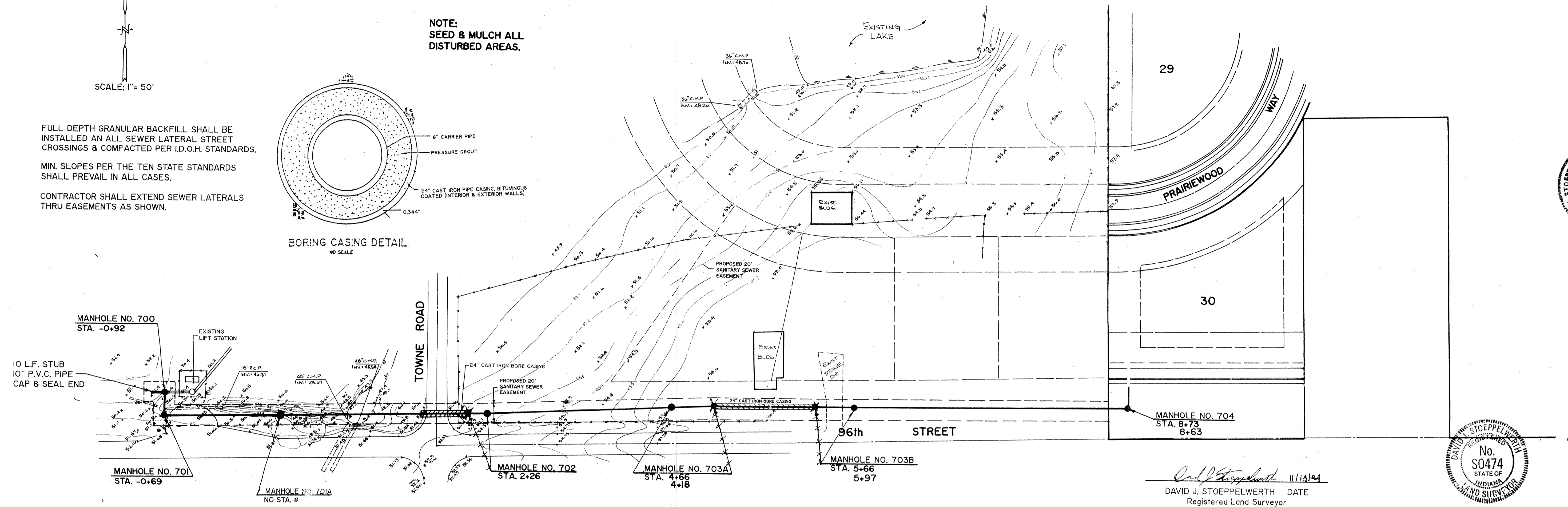
DATE	12/23/94
BY	DAVID J. STOEPPELWERTH
PROJECT	BRAMBLEWOOD
SHEET NUMBER	9



FULL DEPTH GRANULAR BACKFILL SHALL BE INSTALLED AN ALL-SEWER LATERAL STREET CROSSINGS & COMPACTED PER I.D.O.H. STANDARDS.
 MIN. SLOPES PER THE TEN STATE STANDARDS SHALL PREVAIL IN ALL CASES.
 CONTRACTOR SHALL EXTEND SEWER LATERALS THRU EASEMENTS AS SHOWN.



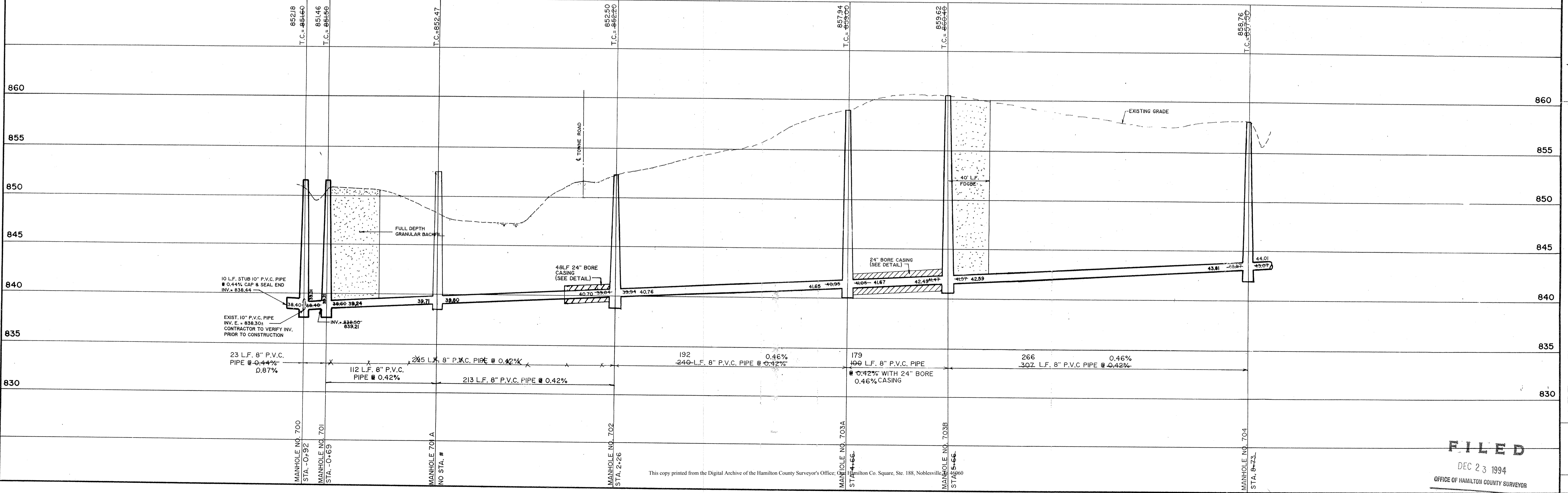
NOTE:
SEED & MULCH ALL DISTURBED AREAS.



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

DAVID J. STOEPPELWERTH
 Registered Land Surveyor
 No. 30474

RECORD DRAWING



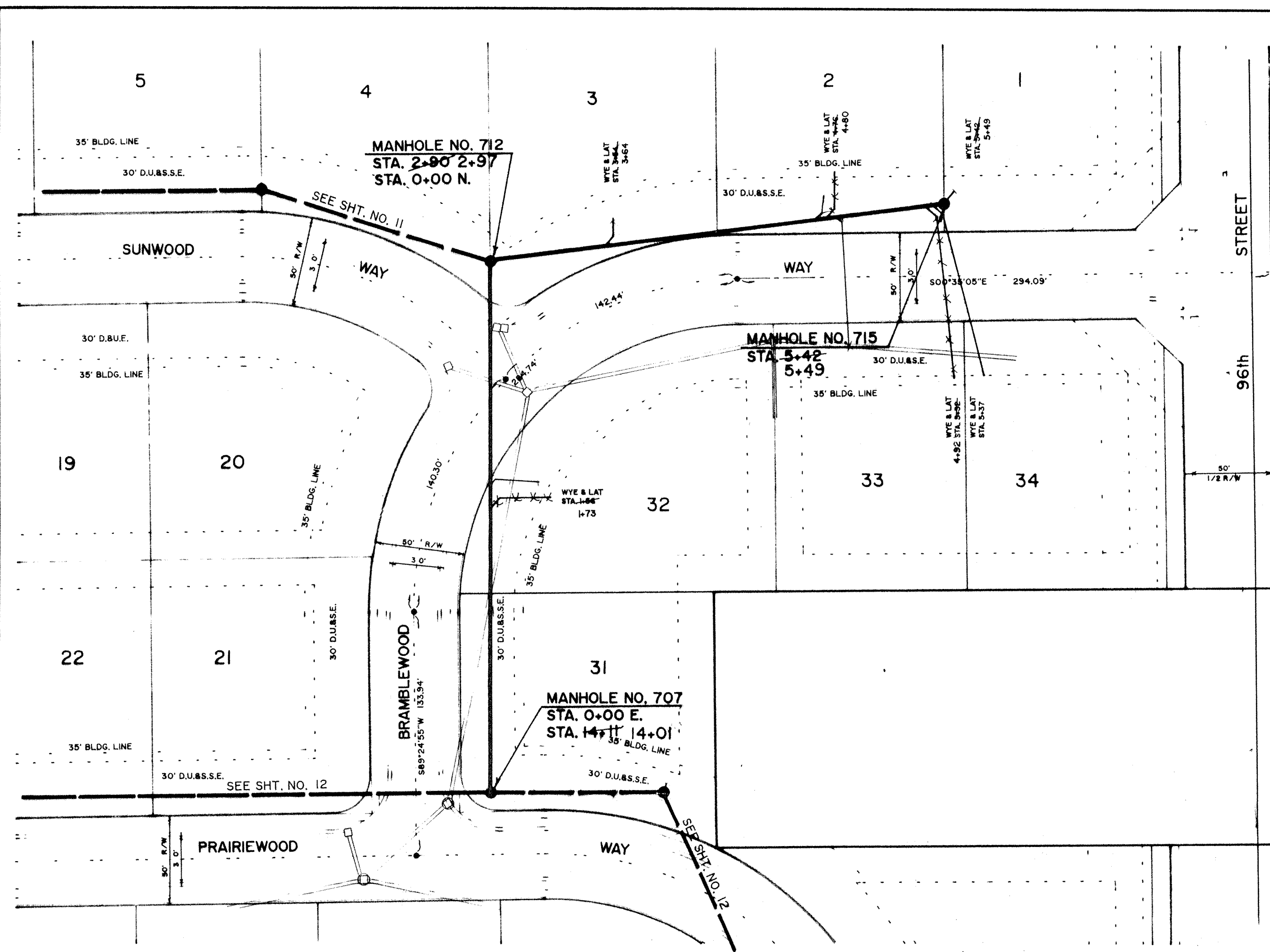
NO.	DATE	REVISIONS
1	3/15/93	AS NOTED
2	4/7/94	REV. PER S.L. MOORE COMMENTS, 4/4/94
3	5/19/94	REV. PER S.L. MOORE COMMENTS, 4/4/94
4		REV. PER S.L. MOORE COMMENTS, 4/4/94

CERTIFIED: 12/23/94
 STATE OF INDIANA
 DAVID J. STOEPPELWERTH
 No. 30474
 Registered Land Surveyor

OFF-SITE SANITARY SEWER PLAN
 BRAMBLEWOOD
 INDIANA
 CARMEL

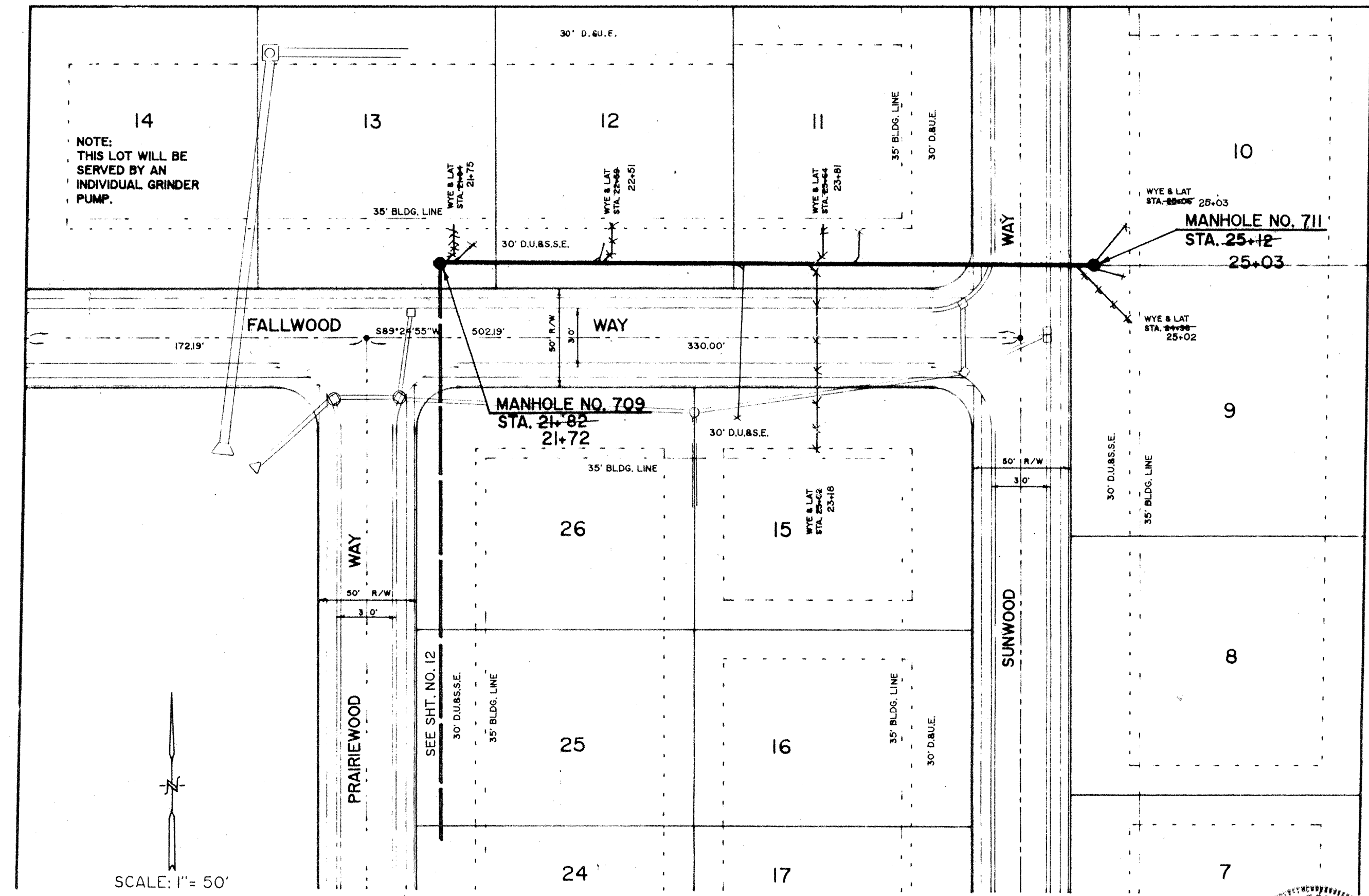
FILED
 DEC 23 1994
 OFFICE OF HAMILTON COUNTY SURVEYOR

This copy printed from the Digital Archive of the Hamilton County Surveyor's Office, Hamilton Co. Square, Ste. 188, Noblesville, IN 46060



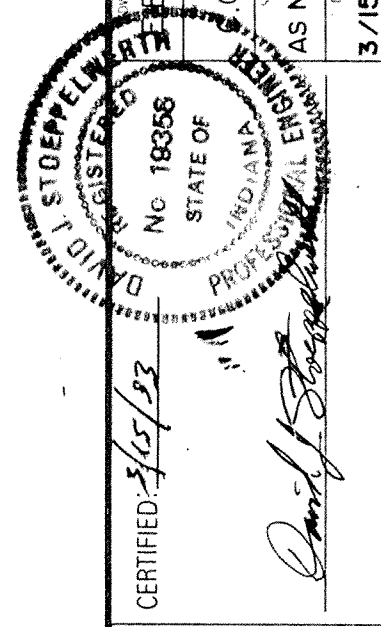
FULL DEPTH GRANULAR BACKFILL SHALL BE INSTALLED AN ALL SEWER LATERAL STREET CROSSINGS & COMPACTED PER I.D.O.H. STANDARDS.
 MIN. SLOPES PER THE TEN STATE STANDARDS SHALL PREVAIL IN ALL CASES.
 CONTRACTOR SHALL EXTEND SEWER LATERALS THRU EASEMENTS AS SHOWN.

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

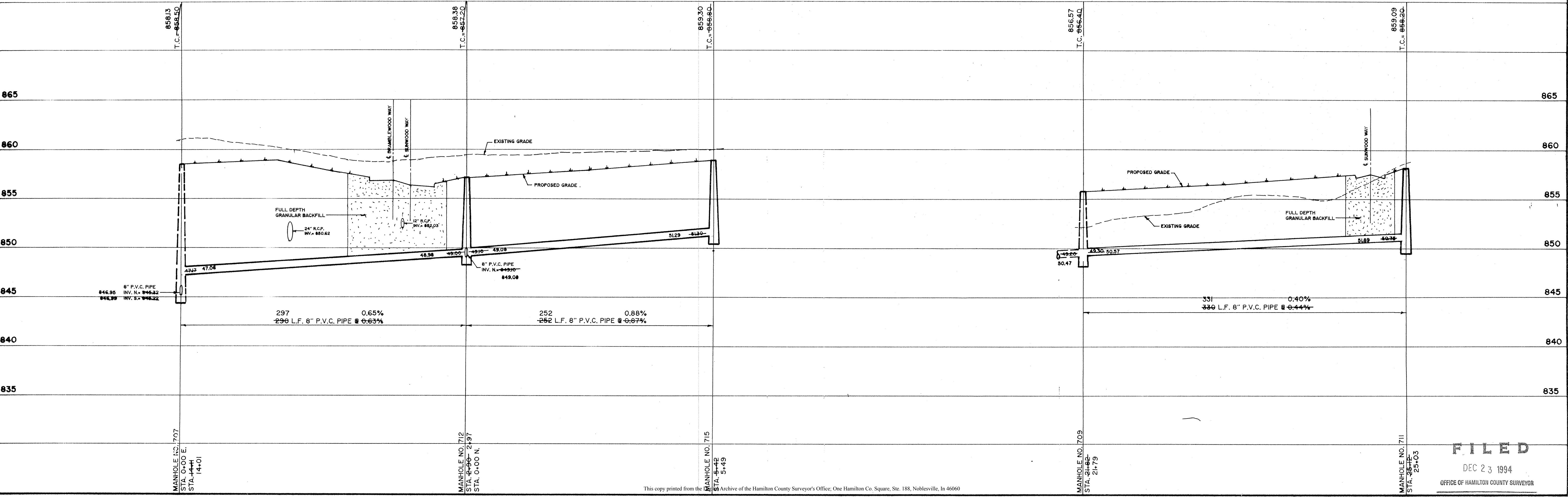


DAVID J. STOEPPELWERTH
 Registered Land Surveyor
 No. S0474

RECORD DRAWING

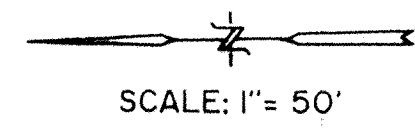
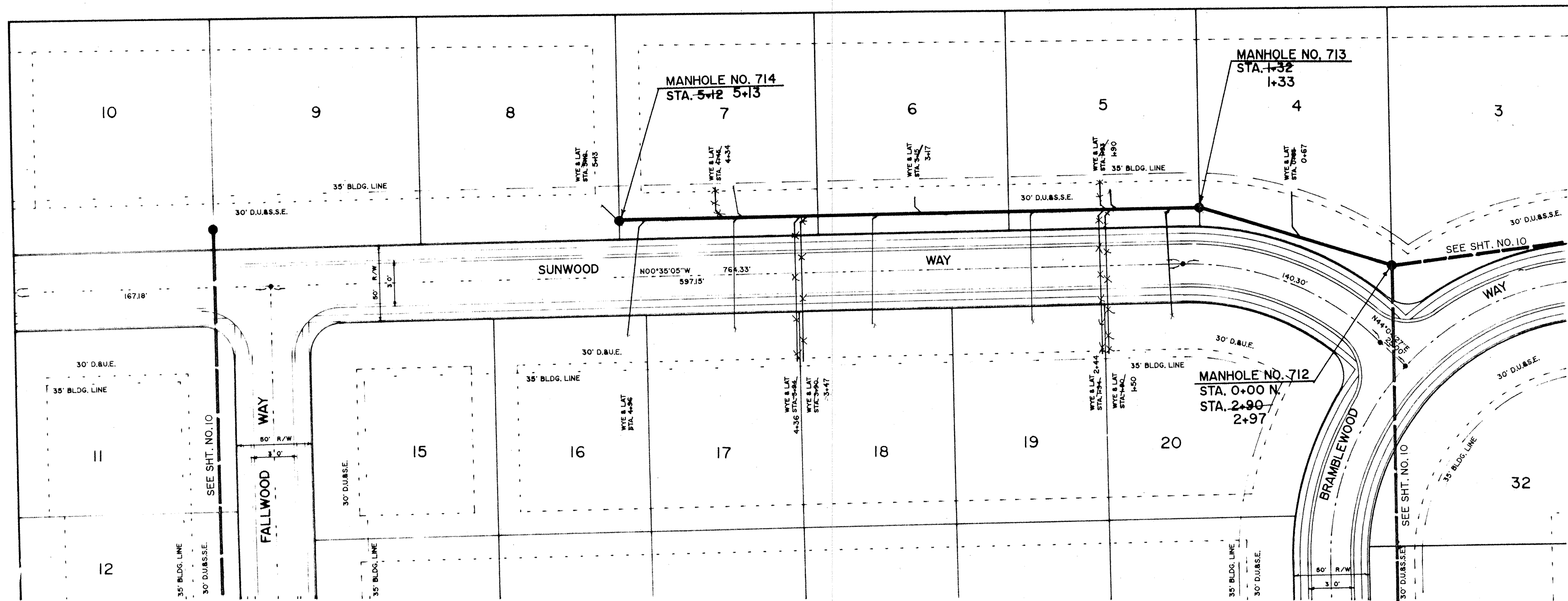


CONSULTING ENGINEERS-LAND SURVEYORS
 (317) 849-5935 T-800-728-6917 FAX:(317)849-5942
 INDIANAPOLIS, INDIANA



SANITARY SEWER PLAN & PROFILE
BRAMBLEWOOD

FILED
 DEC 23 1994
 OFFICE OF HAMILTON COUNTY SURVEYOR



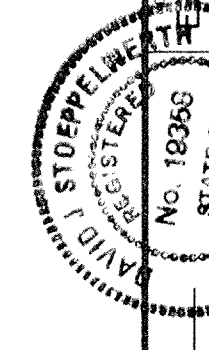
FULL DEPTH GRANULAR BACKFILL SHALL BE INSTALLED AN ALL SEWER LATERAL STREET CROSSINGS & COMPACTED PER I.D.O.H. STANDARDS.
MIN. SLOPES PER THE TEN STATE STANDARDS SHALL PREVAIL IN ALL CASES.
CONTRACTOR SHALL EXTEND SEWER LATERALS THRU EASEMENTS AS SHOWN.

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

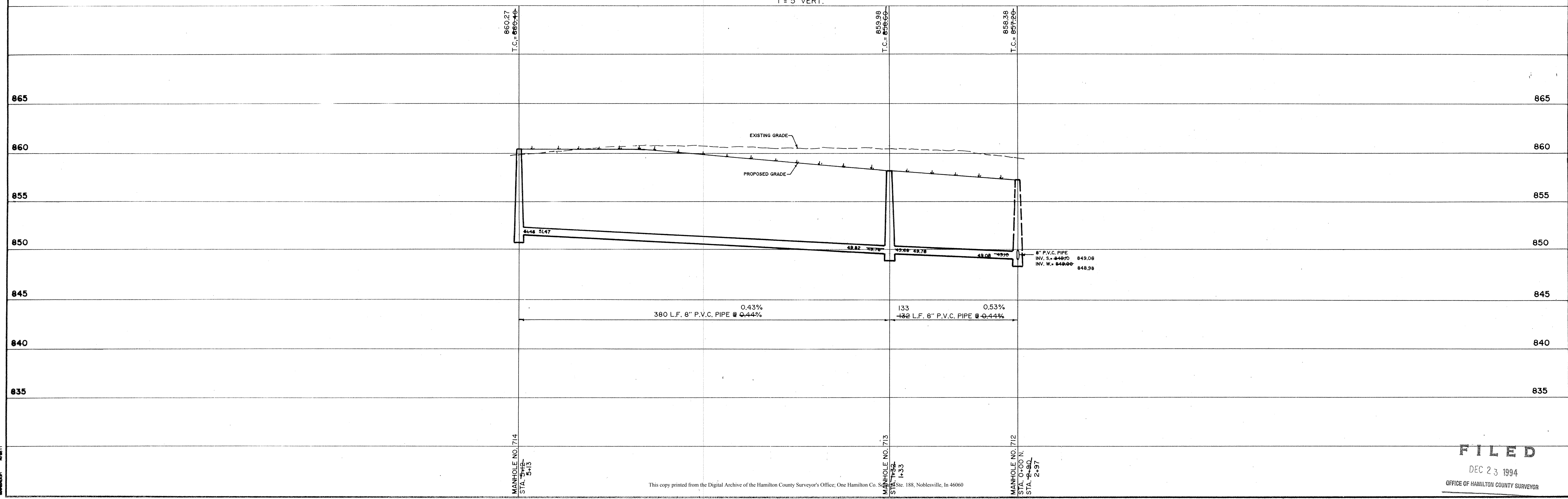
David J. Stoepelwirth 11/19/94
DAVID J. STOEPELWERTH DATE
Registered Land Surveyor
No. S0474



RECORD DRAWING



CONSULTING ENGINEERS-LAND SURVEYORS
(317) 849-5935 1-800-728-6917 FAX:(317)849-5842
INDIANAPOLIS INDIANA

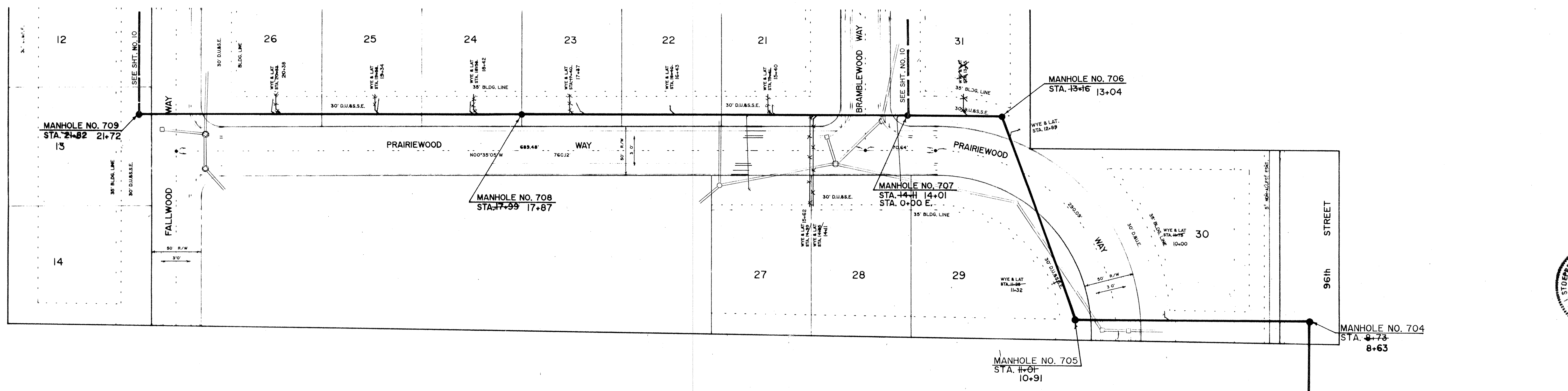


SANITARY SEWER PLAN & PROFILE
BRAMBLEWOOD
CARMEL INDIANA

FILED
DEC 23 1994
OFFICE OF HAMILTON COUNTY SURVEYOR

SHEET NO. 11
OF 18 SHEETS
15582

16-917
 JOB NUMBER 1592
 SECTION 1
 SHEET NUMBER 12



SCALE: 1" = 50'

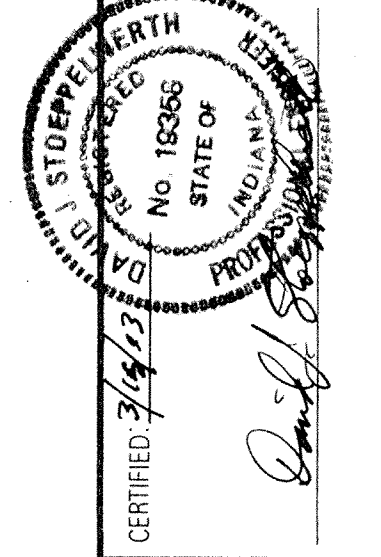
FULL DEPTH GRANULAR BACKFILL SHALL BE INSTALLED AN ALL SEWER LATERAL STREET CROSSINGS & COMPACTED PER I.D.O.H. STANDARDS.

MIN. SLOPES PER THE TEN STATE STANDARDS SHALL PREVAIL IN ALL CASES.

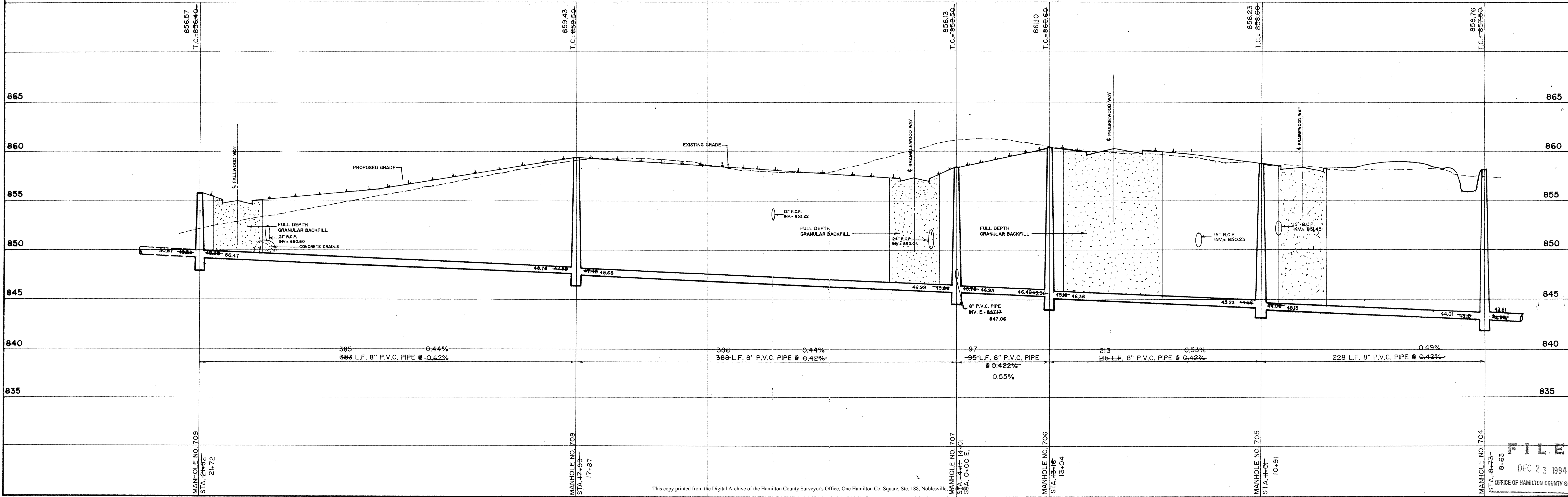
CONTRACTOR SHALL EXTEND SEWER LATERALS THRU EASEMENTS AS SHOWN.

DAVID J. STOEPPELWERTH 11/1/1994
 Registered Land Surveyor
 No. 50474

RECORD DRAWING



CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5935 1-800-728-8917 FAX: (317) 849-5942
 INDIANAPOLIS INDIANA

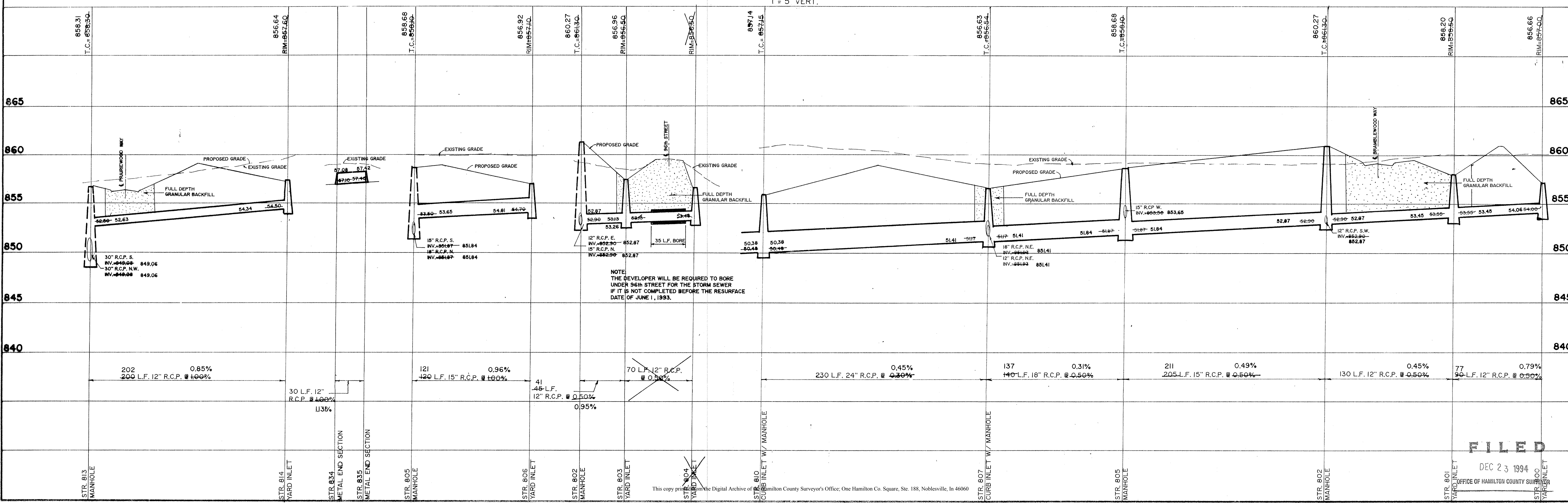
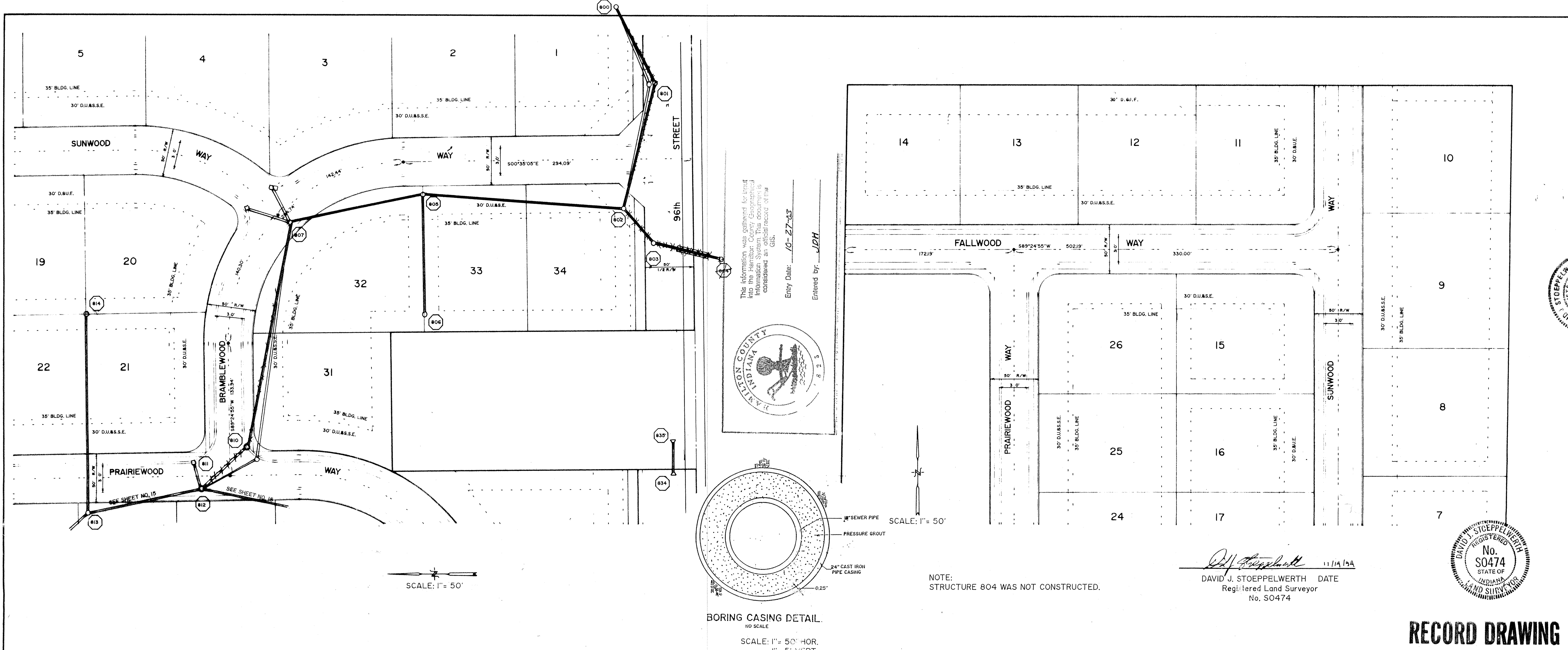


SANITARY SEWER PLAN & PROFILE
 BRAMBLEWOOD
 INDIANA
 CARMEL

FILED
 DEC 23 1994
 OFFICE OF HAMILTON COUNTY SURVEYOR

SHEET NO. 12
 OF 18 SHEETS
 15582

This copy printed from the Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste. 188, Noblesville, IN 46060.



REGISTERED LAND SURVEYOR
No. 50474
STATE OF INDIANA

CONSULTING ENGINEERS - LAND SURVEYORS
(317) 849-5935 1-800-728-6917 FAX: (317) 849-5941

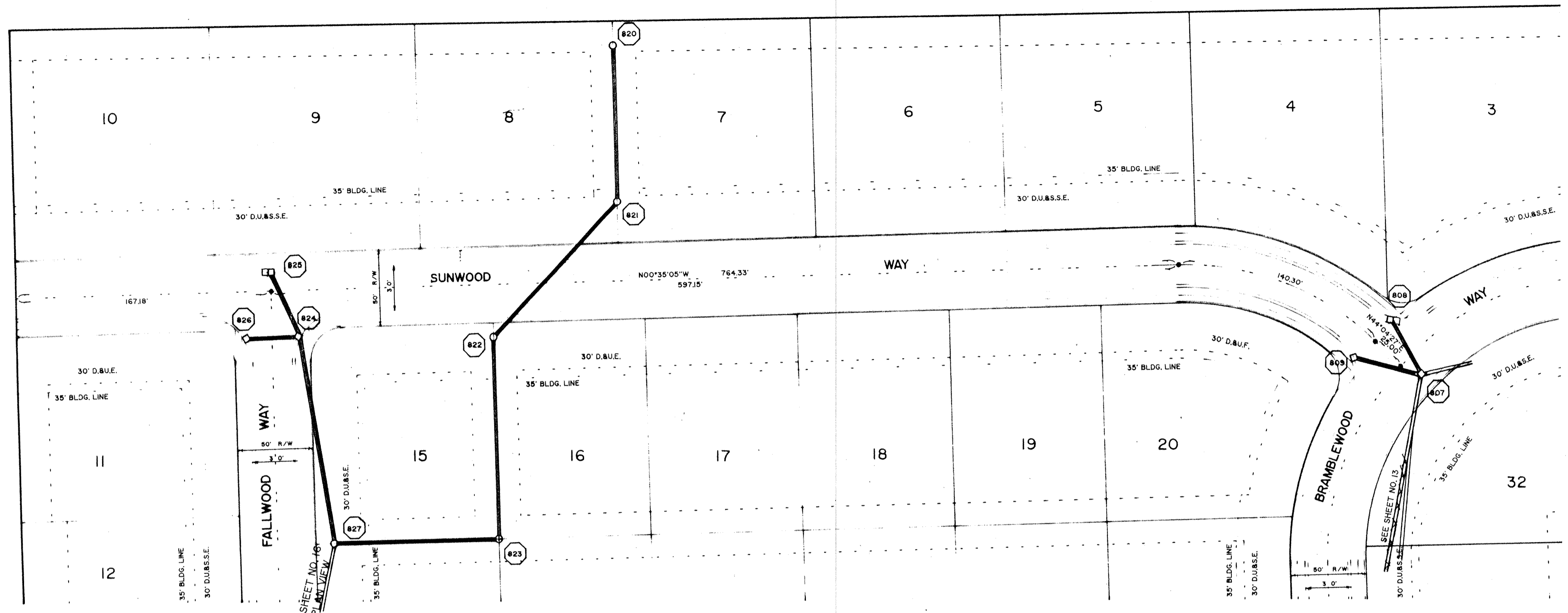
INDIANAPOLIS INDIANA

STORM SEWER PLAN & PROFILE
BRAMBLEWOOD

INDIANA CARMEL

SHEET NO. 13
OF 18 SHEETS
15582

REV.	DATE	BY	REVISIONS
1	3/15/93		



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: 10-27-03
Entered by: JDH

DAVID J. STOEPPELWERTH
Registered Land Surveyor
No. S0474



RECORD DRAWING

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

856.90 T.C. = 856.92	856.76 T.C. = 856.72	857.33 T.C. = 857.21	856.76 T.C. = 856.92	857.45 T.C. = 855.40	856.37 RIM = 857.20	859.74 T.C. = 855.20	850.85 T.C. = 855.05	856.70 RIM = 857.30	857.46 T.C. = 855.40	855.32 T.C. = 854.74	855.40 T.C. = 854.94	856.63 T.C. = 856.64	856.06 T.C. = 856.41	854.21 T.C. = 854.95	855.32 T.C. = 854.74		
865	865	860	860	860	860	860	860	860	860	860	860	860	860	860	860		
855	855	855	855	855	855	855	855	855	855	855	855	855	855	855	855		
850	850	850	850	850	850	850	850	850	850	850	850	850	850	850	850		
845	845	845	845	845	845	845	845	845	845	845	845	845	845	845	845		
840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840		
38 35' L.F. 12" R.C.P. @ 0.50% 0.79%	45 45' L.F. 15" R.C.P. @ 0.50% 1.04%	142 136' L.F. 18" R.C.P. @ 0.50%	172% 110' L.F. 15" R.C.P. @ 0.55%	2.39% 130' L.F. 15" R.C.P. @ 0.50%	0.38% 118' L.F. 15" R.C.P. @ 0.50%	0.52% 106' L.F. 15" R.C.P. @ 0.50%	0.42% 144' L.F. 21" R.C.P. @ 0.50%	1.08% 36' L.F. 27" R.C.P. @ 0.50%	0.44% 50' L.F. 27" R.C.P. @ 0.50%	1.60% 42' L.F. 12" R.C.P. @ 0.50%	1.98% 48' L.F. 18" R.C.P. @ 0.50%	1.60% 47' L.F. 12" R.C.P. @ 0.50%					
STR. 826 CURB INLET	STR. 824 CURB INLET DOUBLE	STR. 823 CURB INLET	STR. 824 CURB INLET DOUBLE	STR. 827 MANHOLE	STR. 823 WARD INLET	STR. 822 MANHOLE	STR. 821 MANHOLE	STR. 820 WARD INLET	STR. 827 MANHOLE	STR. 829 CURB INLET W/ MANHOLE	STR. 830 CURB INLET W/ MANHOLE	STR. 830A METAL END SECTION	STR. 809 CURB INLET	STR. 807 CURB INLET W/ MANHOLE	STR. 808 CURB INLET DOUBLE	STR. 828 CURB INLET	STR. 829 CURB INLET W/ MANHOLE

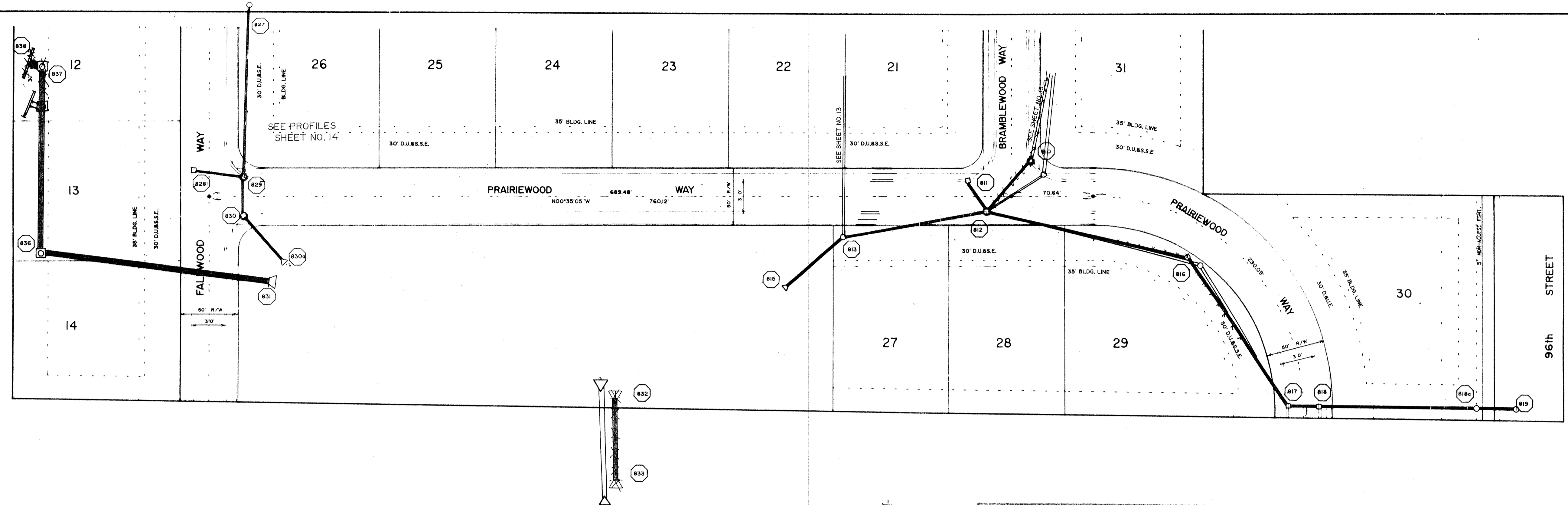
REGISTERED PROFESSIONAL SURVEYOR
DAVID J. STOEPPELWERTH
STATE OF INDIANA
No. S0474

CONSULTING ENGINEERS - LAND SURVEYORS
(317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
INDIANAPOLIS INDIANA

STORM SEWER PLAN & PROFILE
BRAMBLEWOOD

SHEET NO. 14 OF 18 SHEETS
15582

FILED
DEC 23 1994
OFFICE OF HAMILTON COUNTY SURVEYOR



SCALE: 1" = 50'

This information was prepared by input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

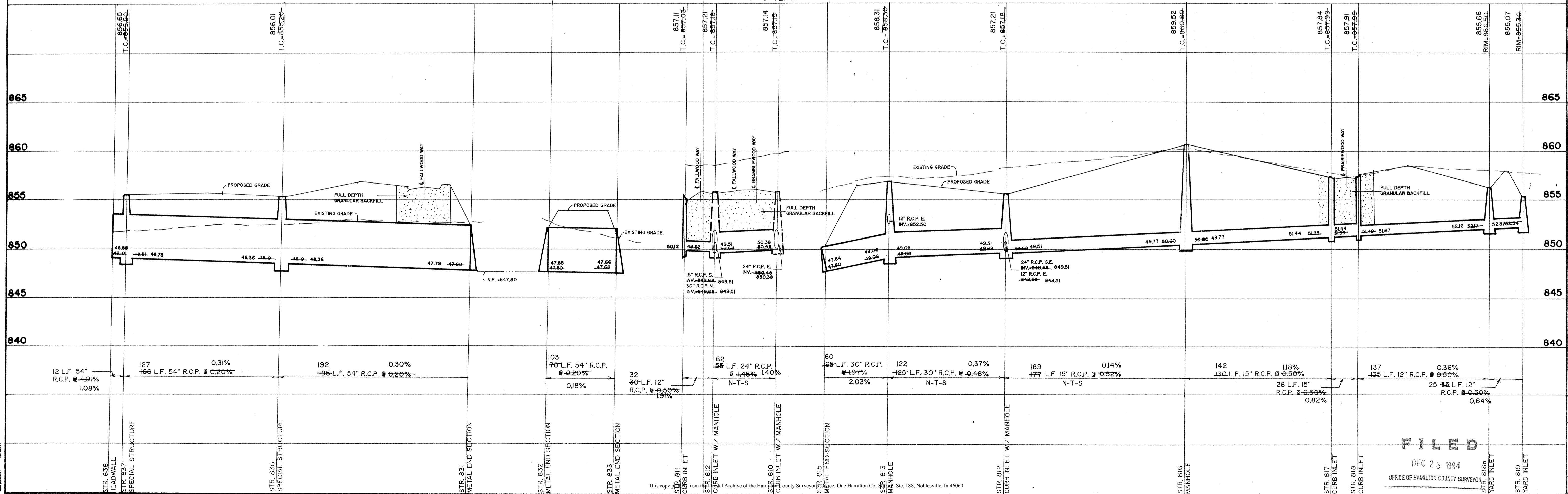
Entry Date: 10-27-03

Entered by: JDH

DAVID J. STOEPPELWERTH 111419A
Registered Land Surveyor
No. S0474



RECORD DRAWING



FILED
DEC 23 1994
OFFICE OF HAMILTON COUNTY SURVEYOR

CONSULTING ENGINEERS-LAND SURVEYORS
(317) 849-5935 T-800-728-6917 FAX:(317)849-5942

INDIANA 000015

INDIANA
CARMEL

STORM SEWER PLAN & PROFILE
BRAMBLEWOOD

SHEET NO. 15 OF 18 SHEETS
15582

REVISIONS:

NO.	DATE	DESCRIPTION
1	3/15/93	AS NOTED

DAVID J. STOEPPELWERTH
REGISTERED LAND SURVEYOR
No. S0474
STATE OF INDIANA

DAVID J. STOEPPELWERTH
REGISTERED PROFESSIONAL ENGINEER
No. 18685
STATE OF INDIANA