

Drain: CAREY COMMONS DRAIN **Drain #:** 306
Improvement/Arm: CAREY COMMONS - SECTION 1
Operator: JDH **Date:** _____
Drain Classification: Urban/Rural **Year Installed:** 1998

GIS Drain Input Checklist

- Pull Source Documents for Scanning JPA 11-6
- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains JPA 11-6
- Digitize & Attribute SSD JPA 11-6
- Digitize & Attribute Open Ditch N/A
- Stamp Plans JPA 11-6
- Sum drain lengths & Validate JPA 11-6
- Enter Improvements into Posse JPA 11-6
- Enter Drain Age into Posse _____
- Sum drain length for Watershed in Posse _____
- Check Database entries for errors JPA 11-6

Gasb 34 Footages for Historical Cost Drain Length Log

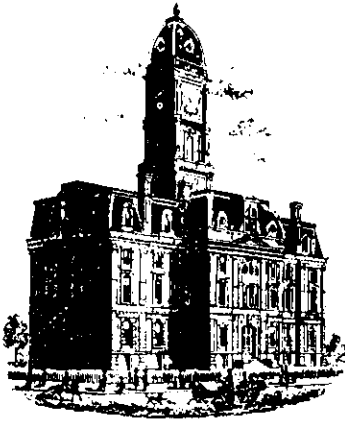
Drain-Improvement: CAREY COMMONS DRAIN - SECTION 2

Drain Type:	Size:	Length (SUDAS REPORT AS BUILTS)	Length (DB Query)	Length Reconcile	If applicable	
					Price:	Cost:
SSD	6"	3378'	3378'	∅		
RCP	12"	28'	28'	∅		
	15"	531'	531'	∅		
	18"	286'	286'	∅		
	21"	389'	389'	∅		

Sum: 4612' 4612' ∅

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*

*9:25am
7/27/98*

June 25, 1998

To: Hamilton County Drainage Board

Re: Carey Commons Drain, Phase 1 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Phase 1 Arm, Carey Commons Drain. I have reviewed the submittals and petition and have found each to be in proper form.

I have made a personal inspection of the land described in the petition. Upon doing so, I believe that the drain is practicable; will improve the public health; benefit a public highway and be of public utility; and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefited. The drain will consist of the following:

6" SSD - 2455'; 12" RCP - 28'; 15" RCP - 537';
18" RCP - 285'; 21" RCP - 386'; 24" RCP - 40'.

The total length of the drain will be 3731 feet.

The retention area located at the rear of lots 6,7,8,20 & 21 is not to be considered part of the regulated drain. Only the inlet and outlet will be maintained as part of the regulated drain. The maintenance of the retention area 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 and those main lines between lots or in rear yards. 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. The portion of the SSD which will be regulated other than those under curbs are as follows:

Rear of lots 8, 9 and 10
Through dry detention area.

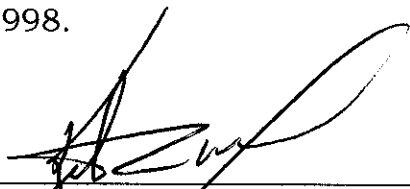
I have reviewed the plans and believe the drain will benefit each tract equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$50.00 per lot, \$5.00 per acre for roadways, with a \$50.00 minimum. With this assessment, the total annual assessment for this drain for this section will be \$2,050.00.

Parcels assessed for this drain may be assessed for the Wheeler-Beals or Cool Creek Drain at sometime in the future.

I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 to 69. Therefore, this drain shall be designated as an Urban Drain.

I recommend 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 Carey Commons Phase 1 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for July 27, 1998.



Kenton C. Ward,
Hamilton County Surveyor

KCW/jh

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

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

In the matter of Carey Commons Subdivision, Phase One 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 Carey Commons, Phase One, 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 benefitted 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.

FILED
MAY 19 1998
HAMILTON COUNTY DRAINAGE BOARD
SECRETARY

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 Petitioner cost as per IC 36-9-27-46.

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

CAREY DEVELOPMENT, LLC

BY: SHELDON S. PHELPS, MANAGER

Printed Name

Sheldon S. Phelps

Signed

Printed Name

RECORDED OWNER(S) OF LAND INVOLVED

DATE

5/15/98


FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE
Carey Commons Drain, Section 1

On this 28th day of September, 1998, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Carey Commons Drain, Section 1*.

Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

HAMILTON COUNTY DRAINAGE BOARD




President



Member

Member

Attest: 



CONSULTING ENGINEERS
LAND SURVEYORS

R.M. Stoeppelwerth, PE, PLS • David J. Stoeppelwerth, PE, PLS • Curtis C. Huff, PLS • Dennis D. Olmstead, PLS • Jeffery W. Darling, PLS

May 18, 1998

Hamilton County Surveyor's Office
One Hamilton County Square
Noblesville, IN 46060

Attention: Kent Ward

Re: Carey Commons, Phase One

Dear Mr. Ward:

The following is an engineer's estimate for the Carey Commons, Phase One.

Street Monuments	\$600.00
Storm Sewer	\$38,750.00
Sub-surface drains	\$15,110.00
Erosion control	<u>\$13,535.00</u>
Total	\$67,995.00

If you have any questions concerning these amounts please contact me at 849-5935.

Very truly yours,

STOEPPELWERTH & ASSOCIATES, INC.

David J. Stoeppelwerth
David J. Stoeppelwerth, P.E., P.L.S.

DJS98/28472P1

FILED
MAY 19 1998
HAMILTON COUNTY DRAINAGE BOARD
SECRETARY



ATTEST: _____
HAMILTON COUNTY AUDITOR
COMMUNITY
BANK

P.O. Box 1990
 Noblesville, Indiana 46061
 773-0800 ■ FAX 776-6960

BOARD OF COMMISSIONERS
OF THE COUNTY OF HAMILTON

 DATE _____

IRREVOCABLE STANDBY LETTER OF CREDIT

Irrevocable Letter of Credit No. 197

June 12, 1998

BENEFICIARY:

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

FOR THE ACCOUNT OF:

Carey Development LLC
 9011 Bradwell Place, Suite 103
 Fishers, IN 46038

Attention: Kent Ward

We hereby establish our Irrevocable Standby Letter of Credit in your favor, for the account indicated above, for the sum or sums not exceeding an aggregate amount of USD\$53,860.00 (Fifty-Three Thousand, Eight Hundred Sixty Dollars and No Cents).

Funds are available for draft(s) at sight drawn on Community Bank, Noblesville, IN 46060.

Drafts are to be accompanied by:

1. The original of this Irrevocable Letter of Credit No. 197.
2. Beneficiary's signed certificate stating that Carey Development LLC has failed to complete Storm Sewers (\$38,750.00) and Sub-surface Drains (\$15,110.00) in Carey Commons subdivision, Section I.

We engage with you that all draft(s) under and in accordance with the terms of this Letter of Credit shall be duly honored upon presentation.

All drafts drawn under this Letter of Credit are to be endorsed hereon and shall bear the clause: "Drawn under Community Bank, Noblesville, Indiana Irrevocable Letter of Credit No. 197." Drafts drawn under this letter of credit must be presented on or prior to the expiration date of May 13, 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,

Community Bank, Noblesville, IN

Larry Riggs
 Senior Vice President

FILED
 JUN 12 1998
 HAMILTON COUNTY DRAINAGE BOARD
 SECRETARY



ATTEST: _____
HAMILTON COUNTY AUDITOR
COMMUNITY
BANK

P.O. Box 1990
 Noblesville, Indiana 46061
 773-0800 ■ FAX 776-6960

BOARD OF COMMISSIONERS
 OF THE COUNTY OF HAMILTON

 DATE _____

IRREVOCABLE STANDBY LETTER OF CREDIT

Irrevocable Letter of Credit No. 201

June 12, 1998

BENEFICIARY:

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

FOR THE ACCOUNT OF:

Carey Development LLC
 9011 Bradwell Place, Suite 103
 Fishers, IN 46038

Attention: Kent Ward

We hereby establish our Irrevocable Standby Letter of Credit in your favor, for the account indicated above, for the sum or sums not exceeding an aggregate amount of USD\$13,535.00 (Thirteen Thousand, Five Hundred Thirty-Five Dollars and No Cents).

Funds are available for draft(s) at sight drawn on Community Bank, Noblesville, IN 46060.

Drafts are to be accompanied by:

1. The original of this Irrevocable Letter of Credit No. 201.
2. Beneficiary's signed certificate stating that Carey Development LLC has failed to complete Erosion Control (\$13,535.00) in Carey Commons subdivision, Section I.

We engage with you that all draft(s) under and in accordance with the terms of this Letter of Credit shall be duly honored upon presentation.

All drafts drawn under this Letter of Credit are to be endorsed hereon and shall bear the clause: "Drawn under Community Bank, Noblesville, Indiana Irrevocable Letter of Credit No. 201." Drafts drawn under this letter of credit must be presented on or prior to the expiration date of May 13, 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,

Community Bank, Noblesville, IN

Larry Riggs
 Senior Vice President

FILED
 JUN 12 1998
 HAMILTON COUNTY DRAINAGE BOARD
 SECRETARY



ATTEST:
HAMILTON COUNTY AUDITOR
COMMUNITY BANK

P.O. Box 1990
 Noblesville, Indiana 46061
 773-0800 ■ FAX 776-6960

**BOARD OF COMMISSIONERS
 OF THE COUNTY OF HAMILTON**

 DATE _____

IRREVOCABLE STANDBY LETTER OF CREDIT

Irrevocable Letter of Credit No. 202

June 12, 1998

BENEFICIARY:

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

FOR THE ACCOUNT OF:

Carey Development LLC
 9011 Bradwell Place, Suite 103
 Fishers, IN 46038

Attention: Kent Ward

We hereby establish our Irrevocable Standby Letter of Credit in your favor, for the account indicated above, for the sum or sums not exceeding an aggregate amount of USD\$600.00 (Six Hundred Dollars and No Cents).

Funds are available for draft(s) at sight drawn on Community Bank, Noblesville, IN 46060.

Drafts are to be accompanied by:

1. The original of this Irrevocable Letter of Credit No. 202.
2. Beneficiary's signed certificate stating that Carey Development LLC has failed to complete Street Monuments (\$600.00) in Carey Commons subdivision, Section I.

We engage with you that all draft(s) under and in accordance with the terms of this Letter of Credit shall be duly honored upon presentation.

All drafts drawn under this Letter of Credit are to be endorsed hereon and shall bear the clause: "Drawn under Community Bank, Noblesville, Indiana Irrevocable Letter of Credit No. 202." Drafts drawn under this letter of credit must be presented on or prior to the expiration date of May 13, 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,

Community Bank, Noblesville, IN

Larry Riggs
 Senior Vice President

FILED
 JUN 12 1998
 HAMILTON COUNTY DRAINAGE BOARD
 SECRETARY

CERTIFICATE OF COMPLETION AND COMPLIANCE

Address of premises on which land alteration was accomplished 171st Street and Carey Road

Inspection Date(s): _____ Permit No. _____

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

on January 20, 1998.

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 Jeffery W. Darling Date: 10/26/98
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



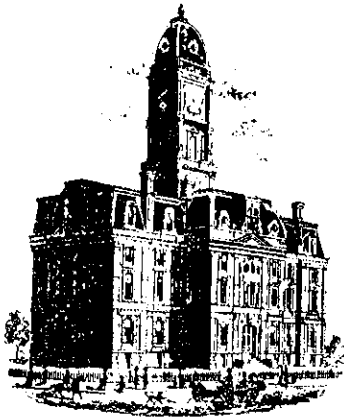
(SEAL)

FORMS/23970c&c

FILED

OCT 27 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

March 22, 1999

To: Hamilton County Drainage Board

Re: Carey Commons Drain: Sec. 1 Arm

Attached are as-builts, certificate of completion & compliance, and other information for Carey Commons 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 June 25, 1998. The changes are as follows:

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

812		859.65				
814	862.81	858.66	18	286	285	1
814	862.81	858.66				
810	863.35	858.35	21	202	200	2
810	863.35	858.35				
809	863.38	858.34	21	28	38	-10
809	863.38	858.34				
808a		857.85	21	151	150	1
831		859.72				
830	862.46	860.05	15	104	105	1
830	862.46	860.05				
829	865.79	860.39	15	128	130	-2
829	865.79	860.39				
813	864.08	860.83	15	121	122	-1
813	864.08	860.83				
814	864.12	860.92	12	28		
815		860.2				
816	863.82	860.74	15	164		
821		860.23				
820	863.76	860.26	15	14	16	-2
820	863.76	860.26				
819		860.12	24	36	40	-4
Stub 821a	-820		21	8		

"HOLEY MOLEY" SAYS:



1-800-382-5544
CALL TOLL FREE
1-800-428-5200
FOR CALLS OUTSIDE OF INDIANA

CAUTION

LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE, (including, but not limited to, manholes, inlets, valves, & marks made upon the ground by others.) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

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 offsite as may be necessary to produce the grades required on plans. Fill obtained from offsite shall be of quality as specified for fill 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 shall be removed from areas to be occupied by a road surface or structure area. Trees and stumps shall not be buried on site.
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 to protective measure to be taken, if any, to preserve such trees.
4. REMOVAL OF TOPSOIL
 - A. All topsoil shall be removed from all areas beneath future pavements or building. Topsoil removal shall be to a minimum depth of 6 inches or to the depth indicated in the geotechnical report provided by the Developer 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 days prior to commencing work. For utility locations to be marked call Toll Free 1-800-382-5544 within Indiana or 1-800-428-5200 outside Indiana.
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.

LEGEND

- - - - - EXISTING CONTOUR
 - - - - - EXISTING SANITARY SEWER
 - - - - - EXISTING STORM SEWER
 - - - - - PROPOSED GRADE
 - - - - - PROPOSED CONTOUR
 - - - - - PROPOSED SANITARY SEWER
 - - - - - PROPOSED STORM SEWER
 - - - - - PROPOSED SWALE
 - - - - - PROPOSED 4' SIDEWALK (BY HOME BUILDER)
- 36
867.1
★
LOT NUMBER
PAD ELEVATION
PAD SIZE 50'x45'
DENOTES PADS OF 2'-0" OF FILL OR MORE
4" UNDERDRAINS TO EACH LOT
PROPOSED 6" UNDERDRAINS

SCALE: 1" = 50'

BENCHMARKS:

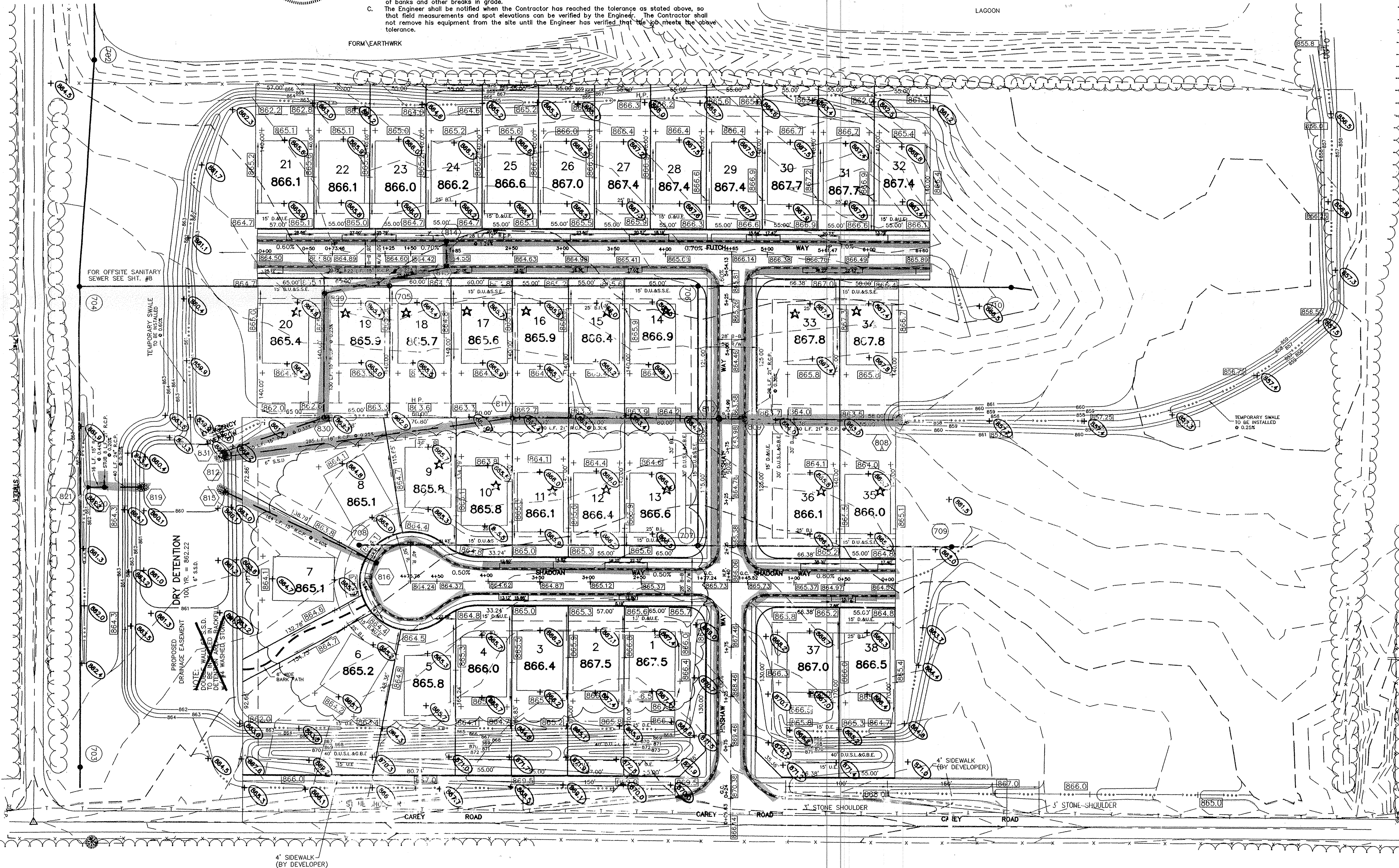
- A STATE DISK STAMPED 107 & SET IN THE TOP OF A CONCRETE POST AT THE N.E. CORNER OF PROPERTY.
ELEV.= 869.41
- RAILROAD SPIKE SET IN S.E. SIDE OF 24" TREE CLUSTER, 1.5± ABOVE GROUND & 3.0± SOUTH OF NORTH PROPERTY LINE ALONG WEST PROPERTY LINE.
ELEV.= 861.66
- RAILROAD SPIKE SET IN N.E. SIDE OF 24" TREE, 1.0± ABOVE GROUND & 5.00± NORTH OF SOUTH PROPERTY LINE ALONG WEST PROPERTY LINE.
ELEV.= 871.27

STORM TABLE			
No.	Type	Tc/Rim	Inverts
800	END OF PIPE		857.76
809	CURB INLET w/ MANHOLE	863.48	858.21
810	CURB INLET w/ MANHOLE	863.48	858.29
811	CURB INLET	862.70	858.89
812	CONCRETE END SECTION		859.59
813	CURB INLET	864.07	860.64
814	CURB INLET	864.04	861.00
815	CONCRETE END SECTION		860.11
816	CURB INLET	863.82	860.76
819	CONCRETE END SECTION		860.05
820	MANHOLE		860.13
821	CONCRETE END SECTION		860.21
829	MANHOLE	865.44	860.31
830	YARD INLET	862.44	861.01
831	CONCRETE END SECTION		861.64

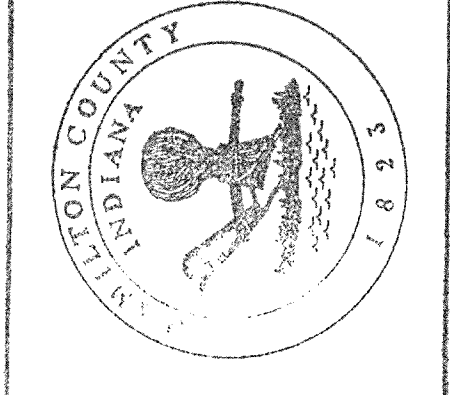
NOTE:
DEBRIS WITHIN RIGHT-OF-WAY DITCH OF ABANDONED RAILROAD SHALL BE CLEARED AT THE TIME OF CONSTRUCTING PHASE TWO.

RECORD DRAWING

Jeffery W. Darling
JEFFERY W. DARLING
Registered Land Surveyor
No. 900017
10/26/98
DATE

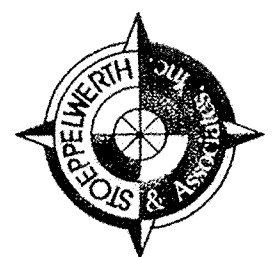


This information was gathered for input into the Geographic Information System. The geographic information system is considered an official record of the GIS.
Entry Date: 11-6-03
Entered by: JDB



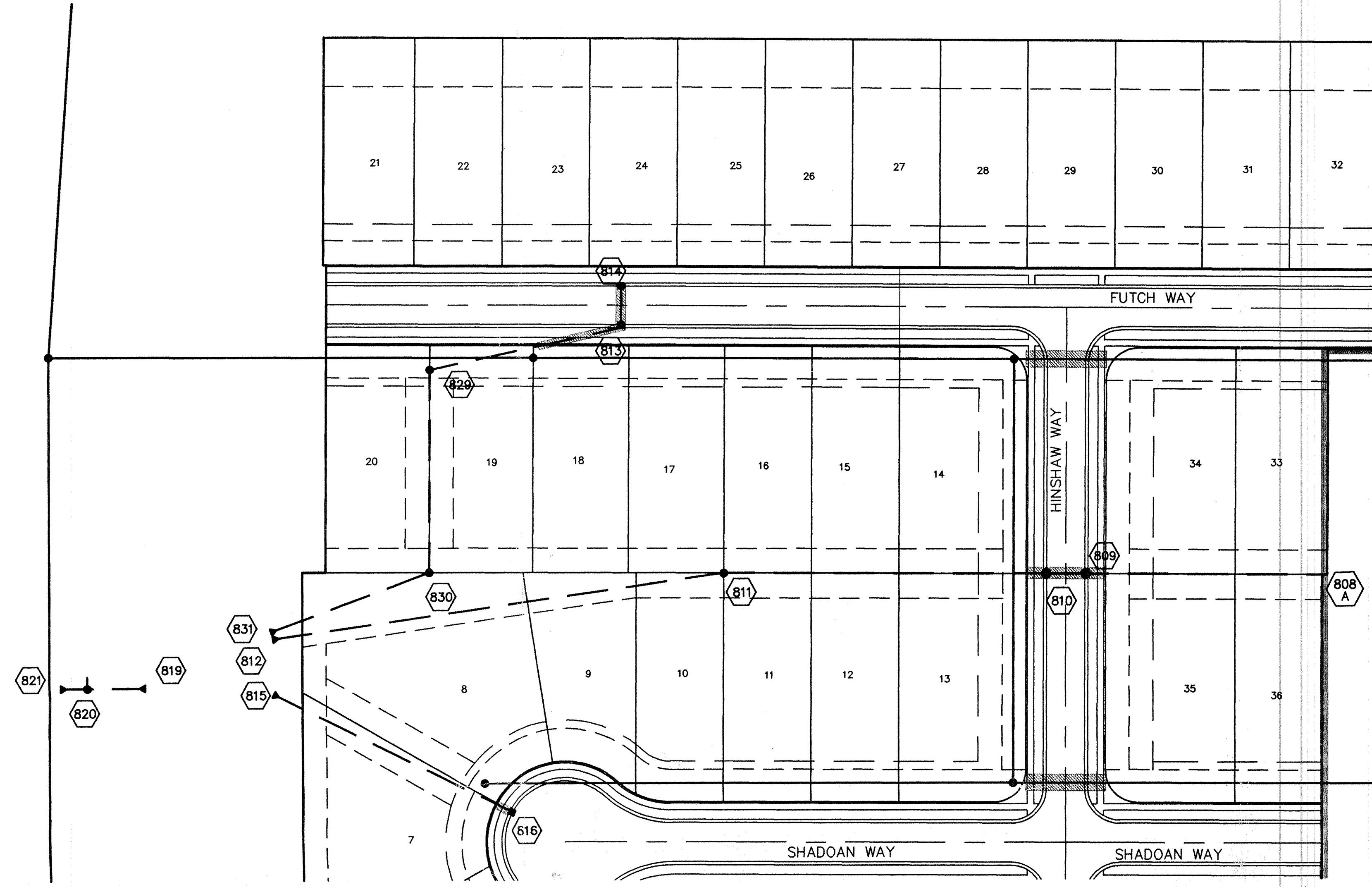
NO.	DATE	BY	MARK	REVISIONS
1	10/26/98	JWD		ISSUED FOR PERMITS
2	4/22/98	JWD		REV. PER COUNTY SURVEYOR
3	4/14/98	JWD		REV. SANITARY SEWER LOCATION
4	4/7/98	JWD		REV. PER SURVEYOR'S COMMENTS
5	3/23/98	JWD		REV. PER DEVELOPER'S COMMENTS
6	3/17/98	JWD		REV. PER DEVELOPER'S COMMENTS
7	2/28/98	JWD		REV. PER DEVELOPER'S COMMENTS

CERTIFIED: 2/25/98
CONSULTING ENGINEERS - LAND SURVEYORS
(317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
INDIANAPOLIS INDIANA



SITE DEVELOPMENT PLAN
CAREY COMMONS PHASE ONE
WESTFIELD INDIANA

SHEET NO.
3
OF 17 SHEETS
JOB NO. 28472



CURB INLET TABLE

PIPE SIZE	STRUCTURES LESS THAN 48" FROM T/C TO INVERT	STRUCTURES GREATER THAN 48" FROM T/C TO INVERT	ANGLE AND QUALITY OF PIPES WILL REQUIRE SPECIAL DESIGN	STEPS REQUIRED	CURB CASTING *R-3501 N	CASTING *3501 TL & TR
12" to 18"	2'x2'		DESIGN APPROVAL	No	Yes	Yes
18" or 21"		MH/BOX	DESIGN APPROVAL	Yes	Yes	Yes
21" or 27"	2'x3'*		DESIGN APPROVAL	No	No	Yes
24" or LARGER	DESIGN APPROVAL		DESIGN APPROVAL	No	No	Yes
24" or LARGER		MH/BOX	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

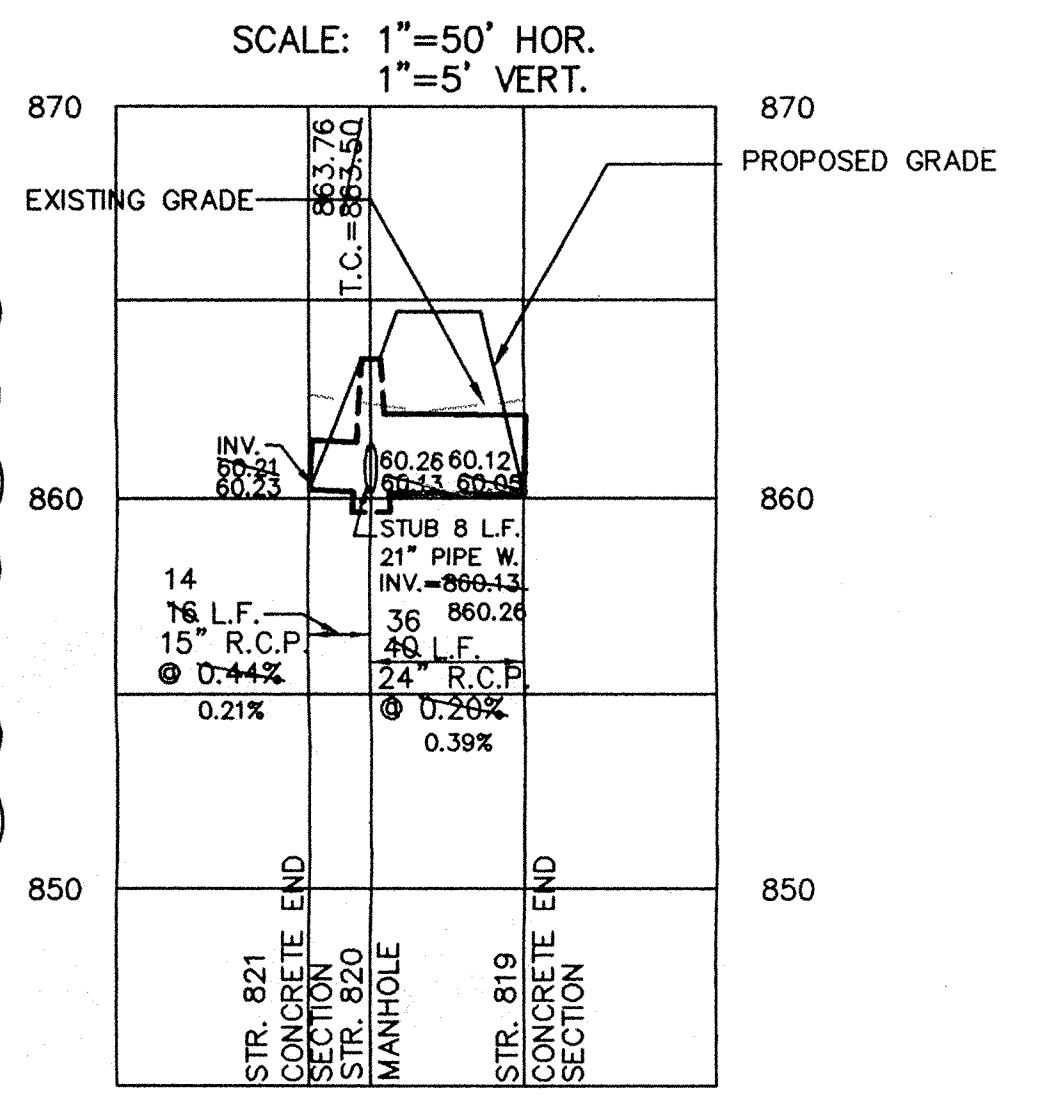
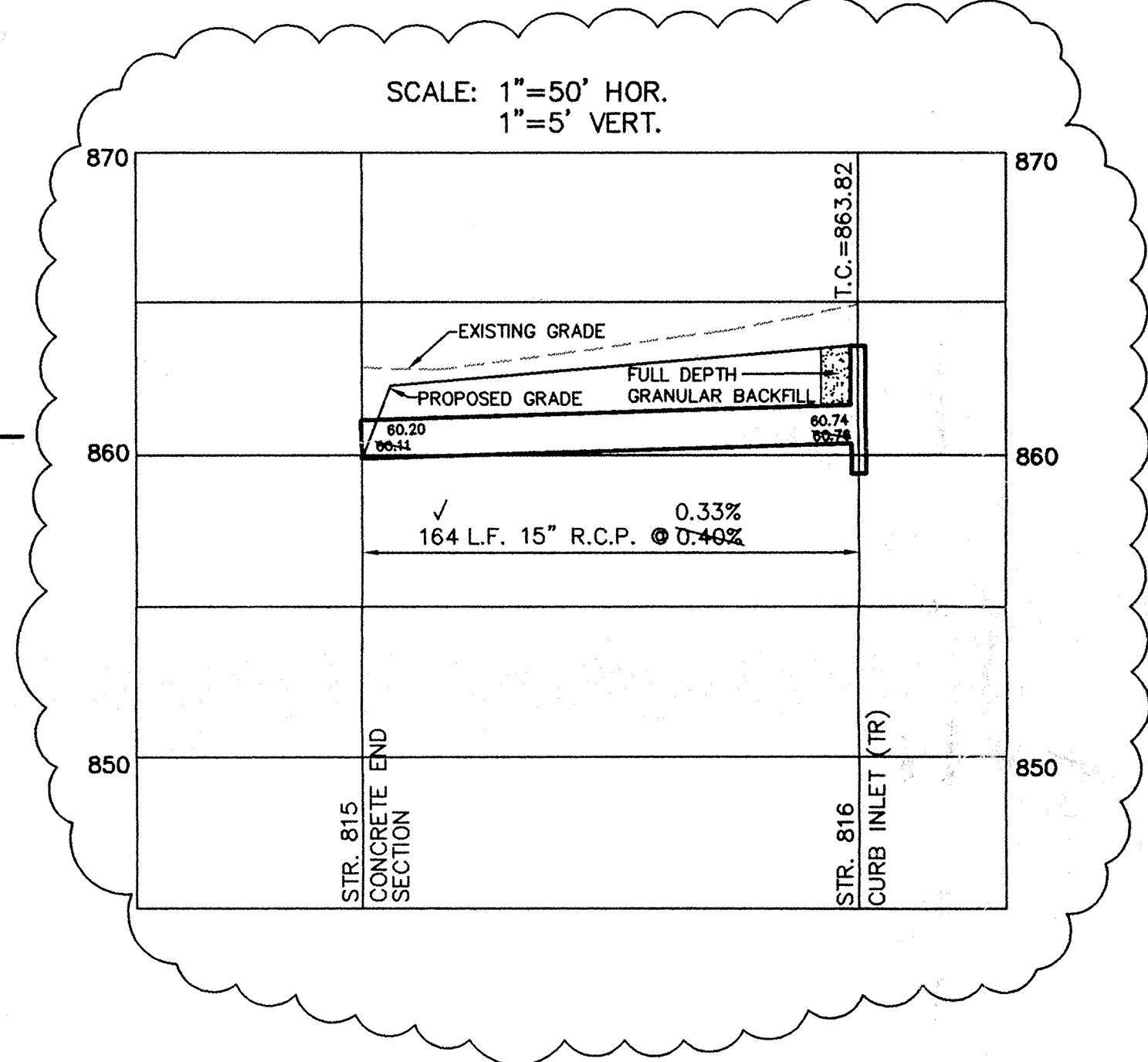
SPECIAL NOTE:
 STRUCTURES DEEPER THAN 48" FROM T/C TO INVERT WILL BE A M.H. OR A BOX WITH STEPS UNLESS SPECIAL DESIGN IS APPROVED.

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.



SCALE: 1" = 50'



RECORD DRAWING

This information was gathered from the Hamilton County GIS Information System and is considered an official record of the GIS.

Entry Date: 11-6-03

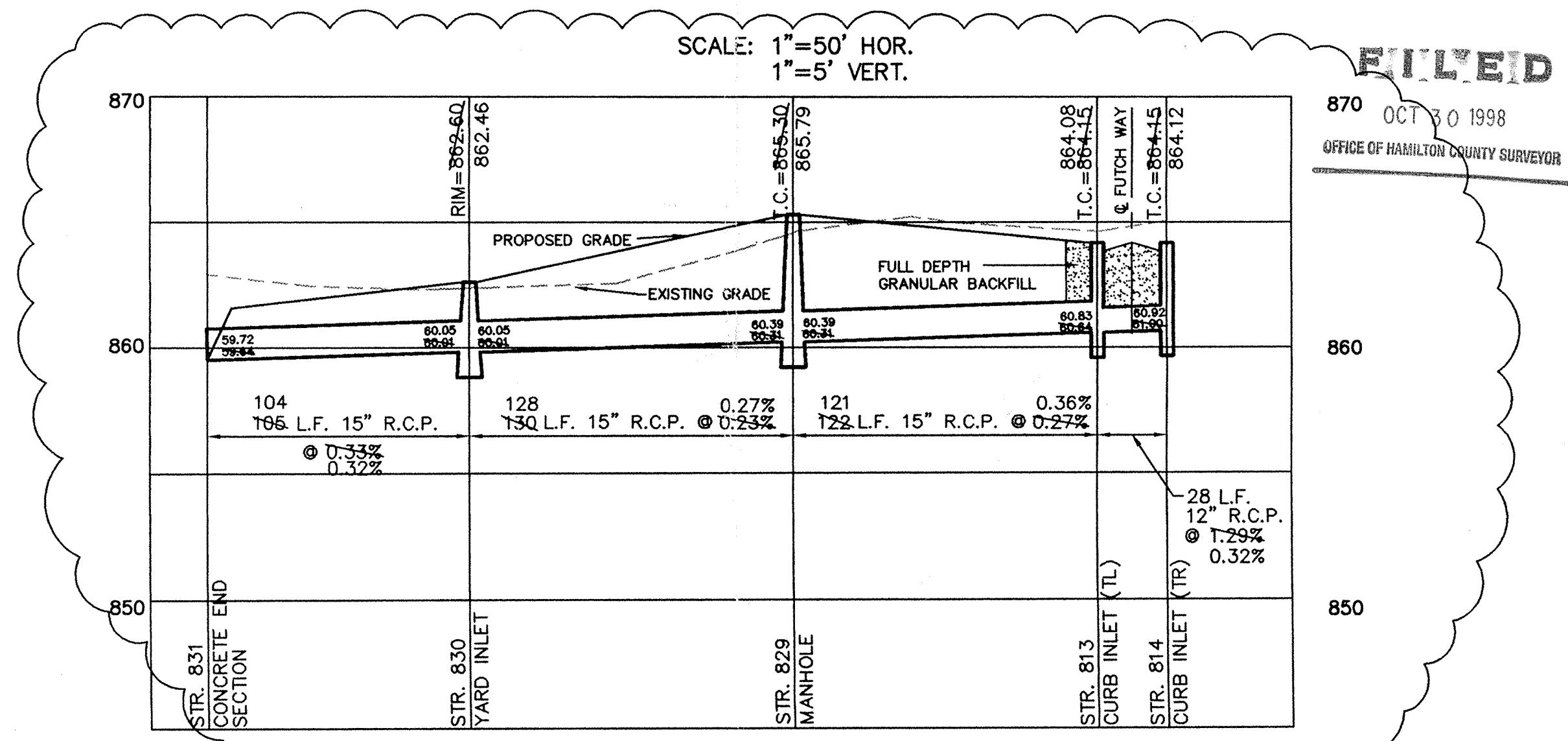
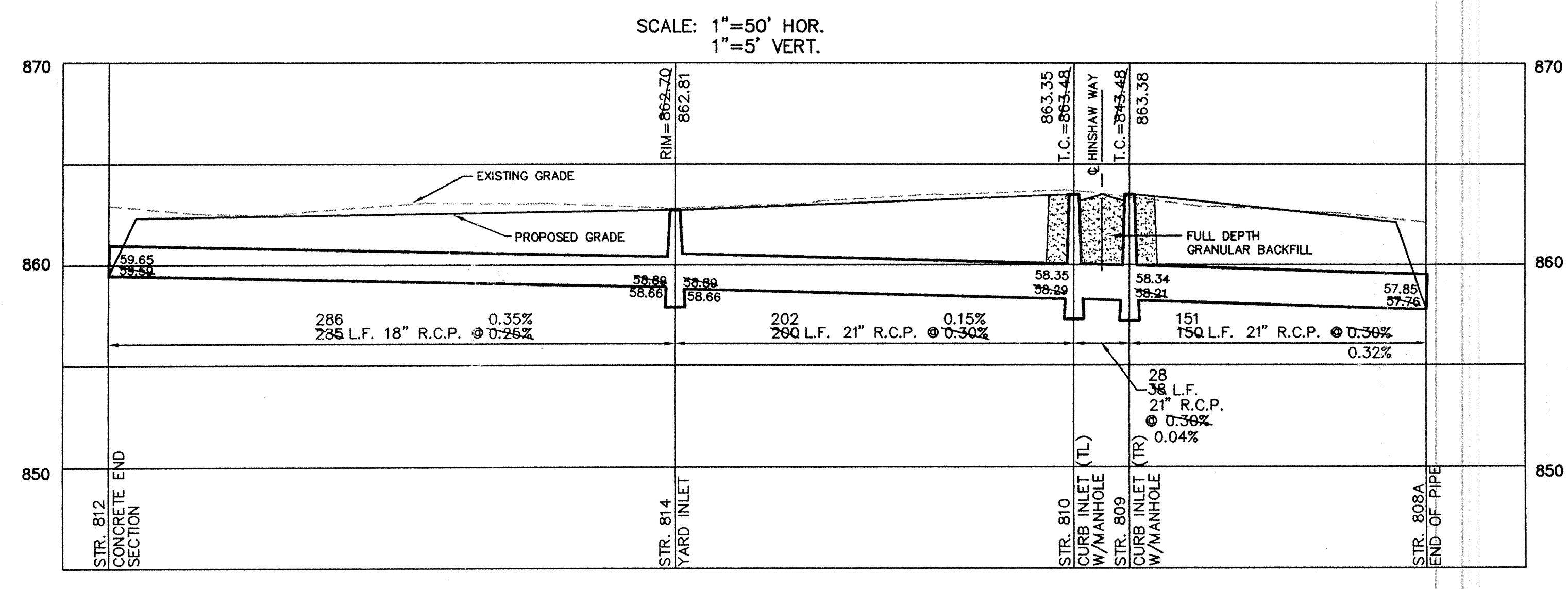
Entered by: JDH

Jeffery W. Darling
 JEFFERY W. DARLING
 Registered Land Surveyor
 No. 900017

10/6/98 DATE



FILED
 OCT 27 1998
 OFFICE OF HAMILTON COUNTY SURVEYOR



FILED
 OCT 30 1998
 OFFICE OF HAMILTON COUNTY SURVEYOR

DATE: 1/20/98

CERTIFIED: 1/20/98

BY: *David J. Stoppelmeier*

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

STORM SEWER PLAN & PROFILE
 CAREY COMMONS PHASE ONE
 WESTFIELD, INDIANA

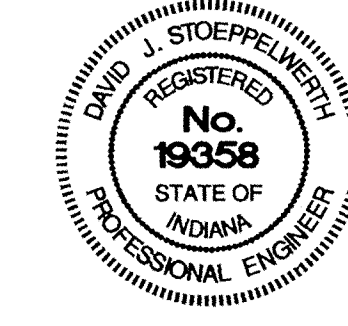
SHEET NO. 11
 OF 18 SHEETS
 JOB NO. 28472

CURB INLET TABLE

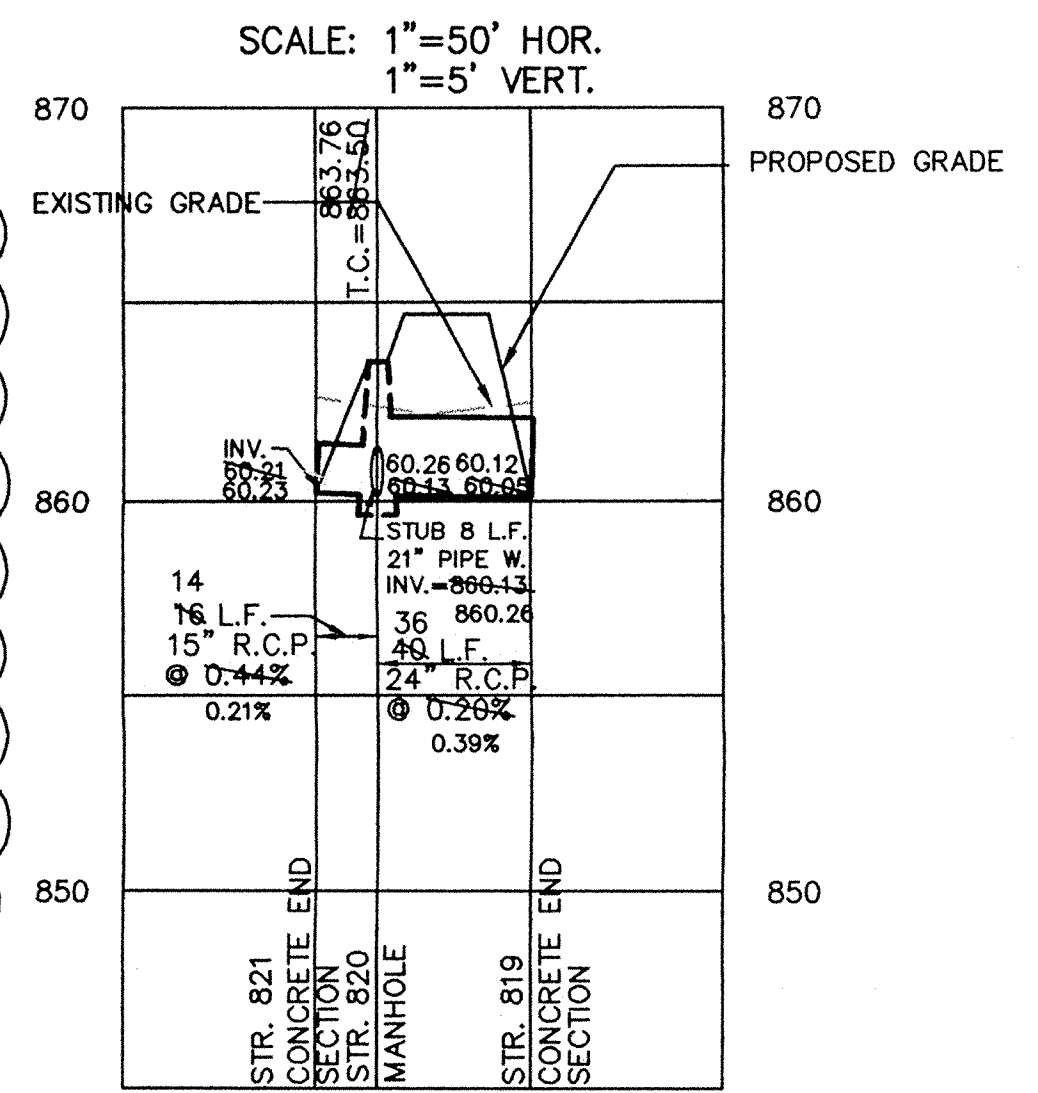
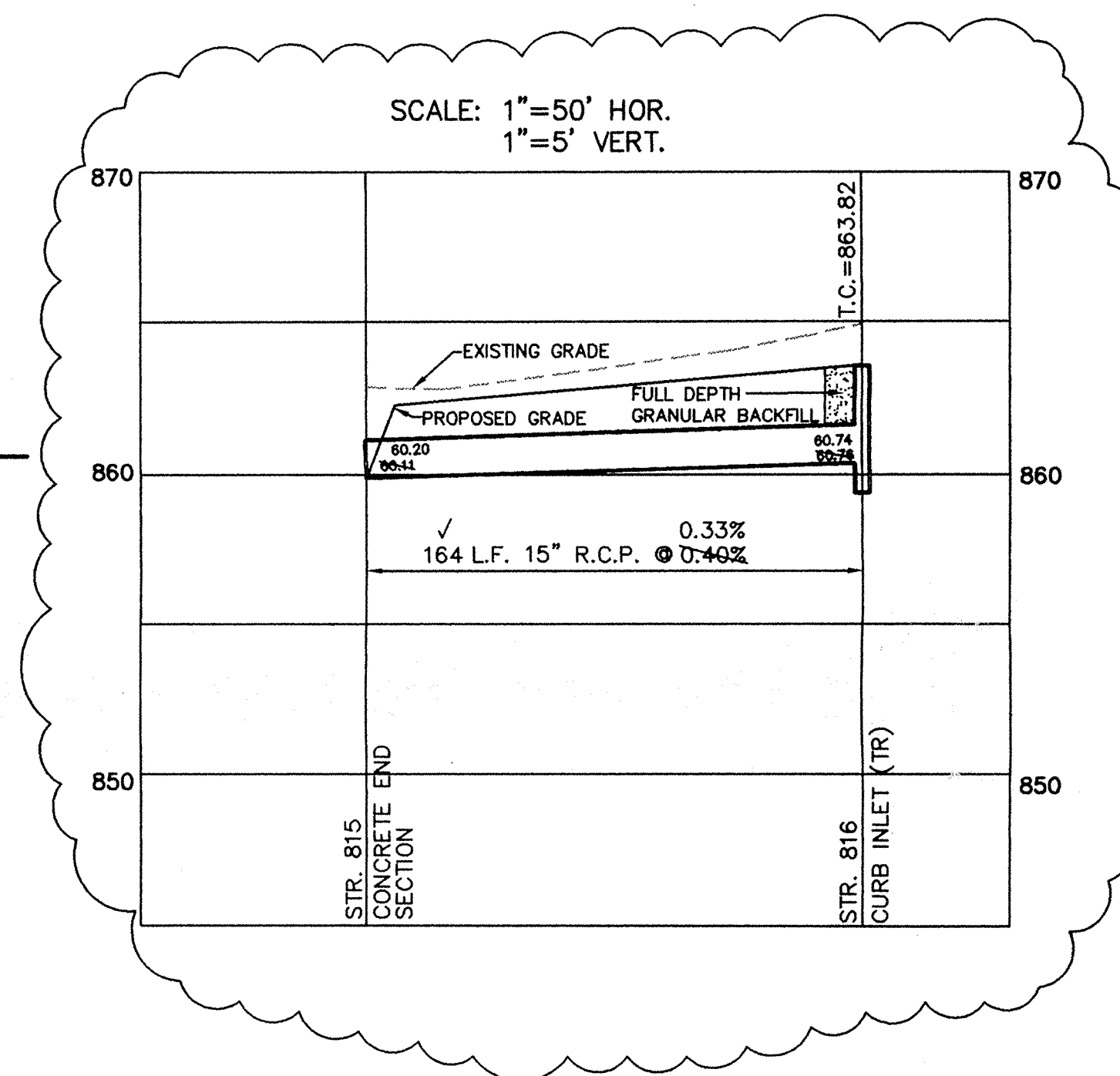
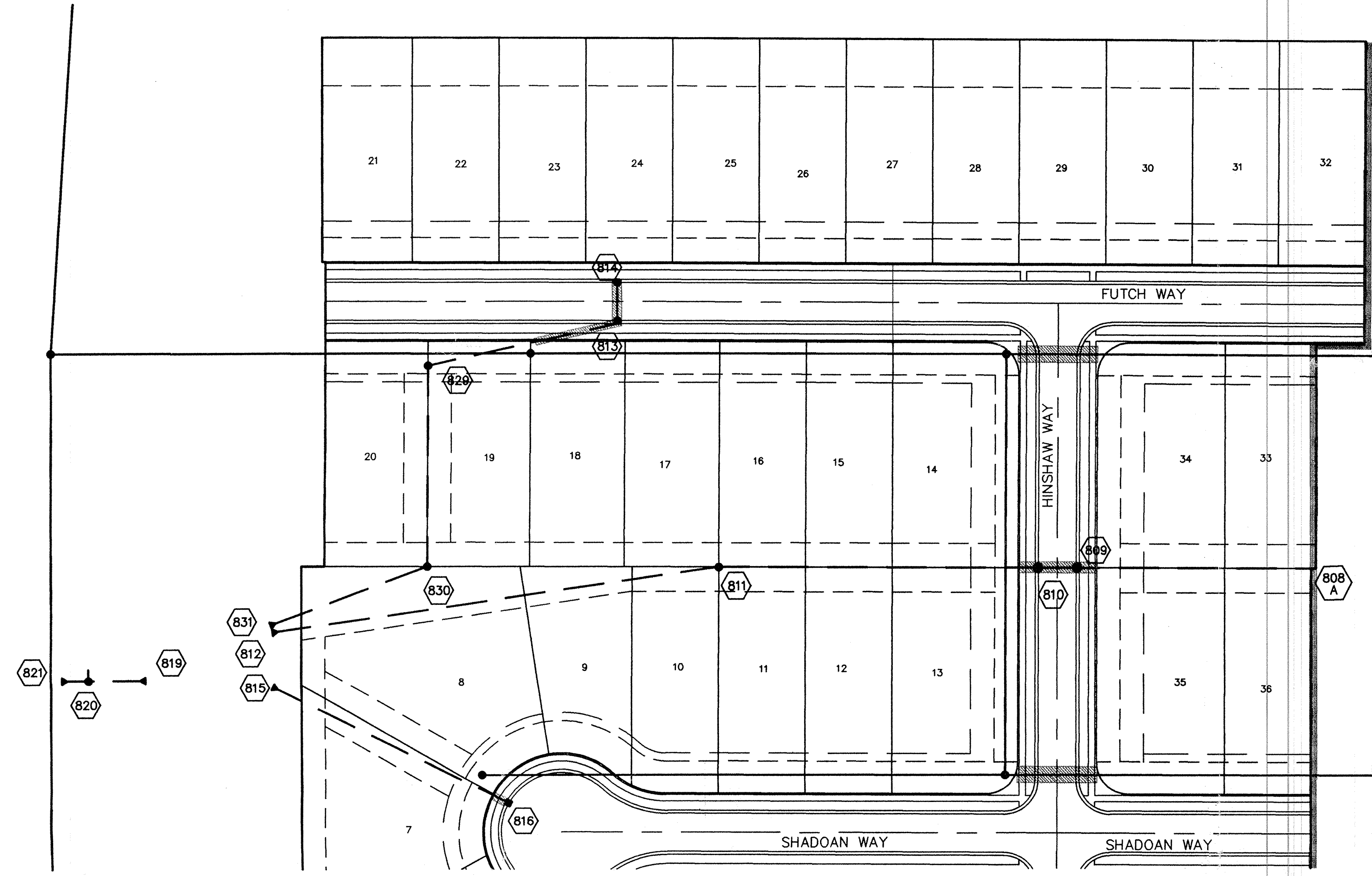
PIPE SIZE	STRUCTURES LESS THAN 48" FROM T/C TO INVERT	STRUCTURES GREATER THAN 48" FROM T/C TO INVERT	ANGLE AND QUALITY OF PIPES WILL REQUIRE SPECIAL DESIGN	STEPS REQUIRED	CURB CASTING *R-3501 N	CASTING *3501 TL & TR
12" to 18"	2'x2'		DESIGN APPROVAL	No	Yes	Yes
18" or 21"		MH/BOX	DESIGN APPROVAL	Yes	Yes	Yes
21" or 27"	2'x3'*		DESIGN APPROVAL	No	No	Yes
24" or LARGER	DESIGN APPROVAL		DESIGN APPROVAL	No	No	Yes
24" or LARGER		MH/BOX	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 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.



SCALE: 1" = 50'

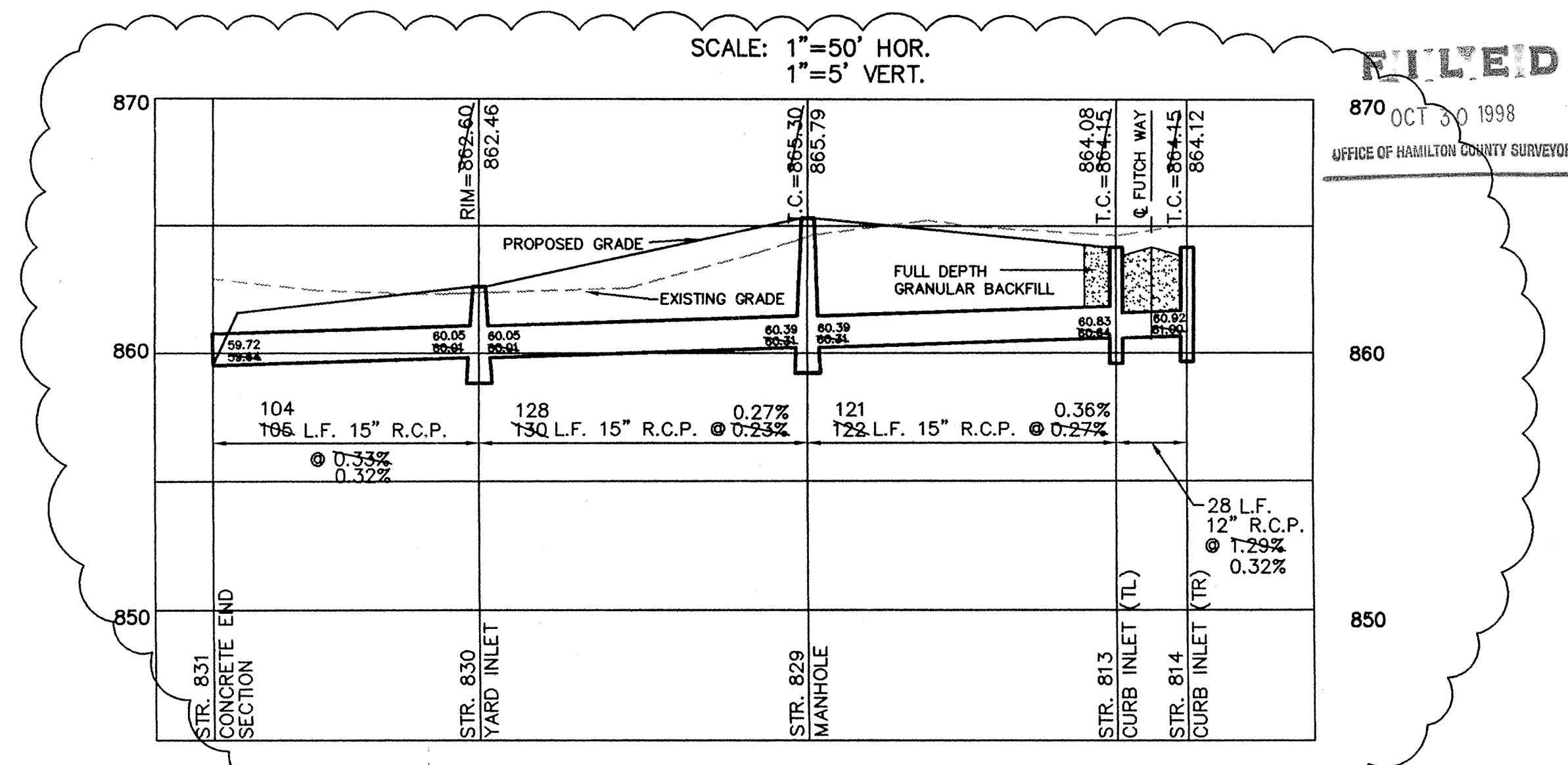
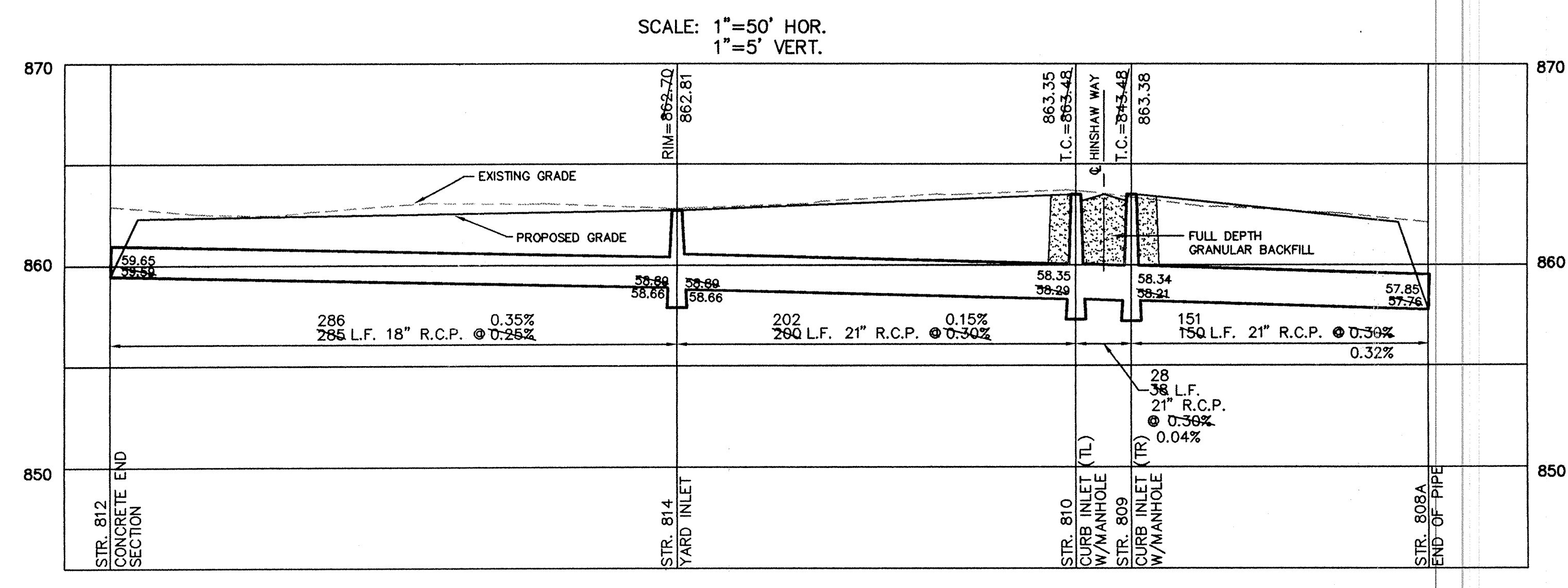


FILED
 OCT 27 1998
 OFFICE OF HAMILTON COUNTY SURVEYOR

RECORD DRAWING

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: 11-06-03
 Entered by: JDH

Jeffery W. Darling
 JEFFERY W. DARLING
 Registered Land Surveyor
 No. 900017
 DATE: 10/6/98



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 OCT 30 1998
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