

Drain: CHESWICK PLACE DRAIN Drain #: 264

Improvement/Arm: CHESWICK PLACE - SECTION 4

Operator: SLM/JDH Date: 11-17-03

Drain Classification: Urban/Rural Year Installed: 1998

GIS Drain Input Checklist

- Pull Source Documents for Scanning JDH 11-17
- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains SLM/JDH 11-17
- Digitize & Attribute SSD SLM/JDH 11-17
- Digitize & Attribute Open Ditch NA
- Stamp Plans SLM/JDH 11-17
- Sum drain lengths & Validate JDH 11-17
- Enter Improvements into Posse JDH 11-17
- Enter Drain Age into Posse JDH 11-17
- Sum drain length for Watershed in Posse JDH 11-17
- Check Database entries for errors JDH 11-17



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

February 4, 1998

TO: HAMILTON COUNTY DRAINAGE BOARD

RE: Cheswick Place Drain-Section 4 Arm

Attached are the plans, drain map, drainage shed map and assessment roll for the proposed Section 4 Arm, Cheswick Place 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	790 ft	15" RCP	313 ft
12" RCP	83 ft		

The total length of the drain will be 1,186 feet.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs. Only the main SSD lines which are located within the 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 Pagefit each lot equally. I also believe that no damages

will re
will result to 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 \$270.00.

Parcels assessed for this drain may be assessed for the
Williams Creek or the Osborn and Collins Drains at some time
in the future. Parcels assessed for this drain will also be
assessed for the O.F. Henley Drain.

I believe this proposed drain meets the requirements of
Urban Drain as set out in IC 36-9-27-67 to 69.
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-
the regulated drain easement to those easement widths as
County Recorder.

I recommend the Board set a hearing for this proposed
drain for March 1998.

Kenton C. Ward
Hamilton County Surveyor
KCW/no



NBD Bank, N.A.
 c/o The First National Bank of Chicago
 Global Trade Services - Indiana, Mail Suite 0742
 Chicago, Illinois 60670-0742 U.S.A.

Telex: MCI205615
 Tel: (312) 954-1969

Swift Address: NBDDUS44
 Fax: (312) 954-1964



STANDBY CREDIT

DATE: JANUARY 26, 1998

BOARD OF COMMISSIONERS OF
 THE COUNTY OF HAMILTON
 ROOM 16, COURTHOUSE
 NOBLESVILLE, IN 46060
 ATTN: GINI HINCHEs

DRAFTS DRAWN MUST BE MARKED:
 WITH OUR REF NO: 82000942
 OPENER'S REFERENCE NO:
 82000942

LADIES/GENTLEMEN:

BY THE ORDER OF:
 CHESWICK CORPORATION
 P.O. BOX 553
 CARMEL, IN 46032

WE HEREBY ISSUE IN YOUR FAVOR OUR IRREVOCABLE STANDBY LETTER OF CREDIT NO: 82000942 FOR THE ACCOUNT OF CHESWICK CORPORATION FOR AN AMOUNT OR AMOUNTS NOT TO EXCEED IN THE AGGREGATE U.S. DOLLARS 160,390.00 (ONE HUNDRED SIXTY THOUSAND THREE HUNDRED NINETY AND NO/100 U.S. DOLLARS) AVAILABLE BY YOUR DRAFTS AT SIGHT ON NBD BANK, N.A., C/O THE FIRST NATIONAL BANK OF CHICAGO, EFFECTIVE JANUARY 26, 1998 AND EXPIRING AT OUR OFFICE ON JANUARY 29, 1999.

FUNDS UNDER THIS CREDIT ARE AVAILABLE AGAINST YOUR DRAFT(S) MENTIONING OUR CREDIT NUMBER.

THE BELOW-MENTIONED DOCUMENTS MUST BE PRESENTED ON OR BEFORE THE EXPIRY DATE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THIS LETTER OF CREDIT.

1. YOUR SIGNED STATEMENT, READING AS FOLLOWS: "THE APPLICANT, CHESWICK CORPORATION, HAS FAILED TO CONSTRUCT THE NECESSARY STORM SEWER AND SUB SURFACE DRAIN AT THE APPLICANT'S CHESWICK SUBDIVISION, SECTION 3 AND 4."
2. THE ORIGINAL LETTER OF CREDIT.

WE ENGAGE WITH YOU THAT DRAFTS DRAWN UNDER AND IN CONFORMITY WITH THE TERMS OF THIS CREDIT WILL BE DULY HONORED ON PRESENTATION IF PRESENTED TO: NBD BANK, N.A., C/O THE FIRST NATIONAL BANK OF CHICAGO, ATTN: GLOBAL TRADE SERVICE DEPT.-INDIANA, ONE FIRST NATIONAL PLAZA, SUITE 0742, CHICAGO, ILLINOIS 60670-0742 ON OR BEFORE THE EXPIRY DATE.

THIS CREDIT IS SUBJECT TO THE UNIFORM CUSTOMS AND PRACTICE FOR DOCUMENTARY CREDITS (1993 REVISION), INTERNATIONAL CHAMBER OF COMMERCE -PUBLICATION 500.

VERY TRULY YOURS,
 NBD BANK, N.A.

Kathleen M. Stegory A/c

 AUTHORIZED SIGNER

Glenda C. Sherman

 AUTHORIZED SIGNER



NBD Bank, N.A.
 c/o The First National Bank of Chicago
 Global Trade Services - Indiana, Mail Suite 0742
 Chicago, Illinois 60670-0742 U.S.A.

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STANDBY CREDIT

DATE: JANUARY 26, 1998

BOARD OF COMMISSIONERS OF
 THE COUNTY OF HAMILTON
 ROOM 16, COURTHOUSE
 NOBLESVILLE, IN 46060
 ATTN: GINI HINCHEs

DRAFTS DRAWN MUST BE MARKED:
 WITH OUR REF NO: 82000940
 OPENER'S REFERENCE NO:
 82000940

LADIES/GENTLEMEN:

BY THE ORDER OF:
 CHESWICK CORPORATION
 P.O. BOX 553
 CARMEL, IN 46032

WE HEREBY ISSUE IN YOUR FAVOR OUR IRREVOCABLE STANDBY LETTER OF CREDIT NO: 82000940 FOR THE ACCOUNT OF CHESWICK CORPORATION FOR AN AMOUNT OR AMOUNTS NOT TO EXCEED IN THE AGGREGATE U.S. DOLLARS 30,000.00 (THIRTY THOUSAND AND NO/100 U.S. DOLLARS) AVAILABLE BY YOUR DRAFTS AT SIGHT ON NBD BANK, N.A., C/O THE FIRST NATIONAL BANK OF CHICAGO, EFFECTIVE JANUARY 26, 1998 AND EXPIRING AT OUR OFFICE ON JANUARY 29, 1999.

FUNDS UNDER THIS CREDIT ARE AVAILABLE AGAINST YOUR DRAFT(S) MENTIONING OUR CREDIT NUMBER.

THE BELOW-MENTIONED DOCUMENTS MUST BE PRESENTED ON OR BEFORE THE EXPIRY DATE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THIS LETTER OF CREDIT.

1. YOUR SIGNED STATEMENT, READING AS FOLLOWS: "THE APPLICANT, CHESWICK CORPORATION, HAS FAILED TO CONSTRUCT THE NECESSARY EROSION CONTROL AT THE APPLICANT'S CHESWICK SUBDIVISION, SECTION 3 AND 4."
2. THE ORIGINAL LETTER OF CREDIT.

WE ENGAGE WITH YOU THAT DRAFTS DRAWN UNDER AND IN CONFORMITY WITH THE TERMS OF THIS CREDIT WILL BE DULY HONORED ON PRESENTATION IF PRESENTED TO: NBD BANK, N.A., C/O THE FIRST NATIONAL BANK OF CHICAGO, ATTN: GLOBAL TRADE SERVICE DEPT.-INDIANA, ONE FIRST NATIONAL PLAZA, SUITE 0742, CHICAGO, ILLINOIS 60670-0742 ON OR BEFORE THE EXPIRY DATE.

THIS CREDIT IS SUBJECT TO THE UNIFORM CUSTOMS AND PRACTICE FOR DOCUMENTARY CREDITS (1993 REVISION), INTERNATIONAL CHAMBER OF COMMERCE -PUBLICATION 500.

VERY TRULY YOURS,
 NBD BANK, N.A.

Kathleen M. Gregory A/O

 AUTHORIZED SIGNER

Glenda C. Sherman

 AUTHORIZED SIGNER

CHESWICK PLACE, SECTION 4
CERTIFICATE OF COMPLETION AND COMPLIANCE
SANITARY SEWERS

Address of premises on which land
alteration was accomplished 136th Street & Ditch Road

Inspection Date(s): _____ Permit No. _____

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

on 7/18, 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 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

FILED

NOV 09 1998

OFFICE OF HAMILTON COUNTY SURVEYOR



(SEAL)

FORMS/COMP&C



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor
 Phone (317) 776-8495
 Fax (317) 776-9628

Suite 188
 One Hamilton County Square
 Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

March 4, 2003

**Re: Cheswick Place Drain:
 Cheswick Place Sec. 4 Arm**

Attached are as-builts, certificate of completion & compliance, and other information for Cheswick Place Sec. 4. 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 4, 1998. The report was approved by the Board at the hearing held March 4, 2003. (See Drainage Board Minutes Book 4, Pages 520-521)
 The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
900	890.79	888.9				
901	890.82	887.9	12	78	83	-5
901	890.82	887.9				
902	890.77	887.4	15	30		
902	890.77	887.4				
903		881	15	281	283	-2

6" SSD Streets:

Henley Circle	395
X2	

RCP Pipe Totals:

12	78
15	311

Total: 790

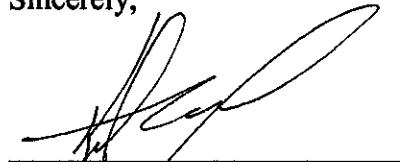
The length of the drain due to the changes described above is now **1179 feet**.

The non-enforcement was approved by the Board at its meeting on March 23, 1998 and recorded under instrument #9909902297.

The bond or letter of credit from NBD Bank, number 82000940, 82000941, 82000942; dated January 26, 1998; in the amount of \$30,000 for erosion control, \$2700 for monumentation and \$160,390 for storm sewer and sub surface drains; was released September 23, 2002.

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

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

CURB INLET TABLE

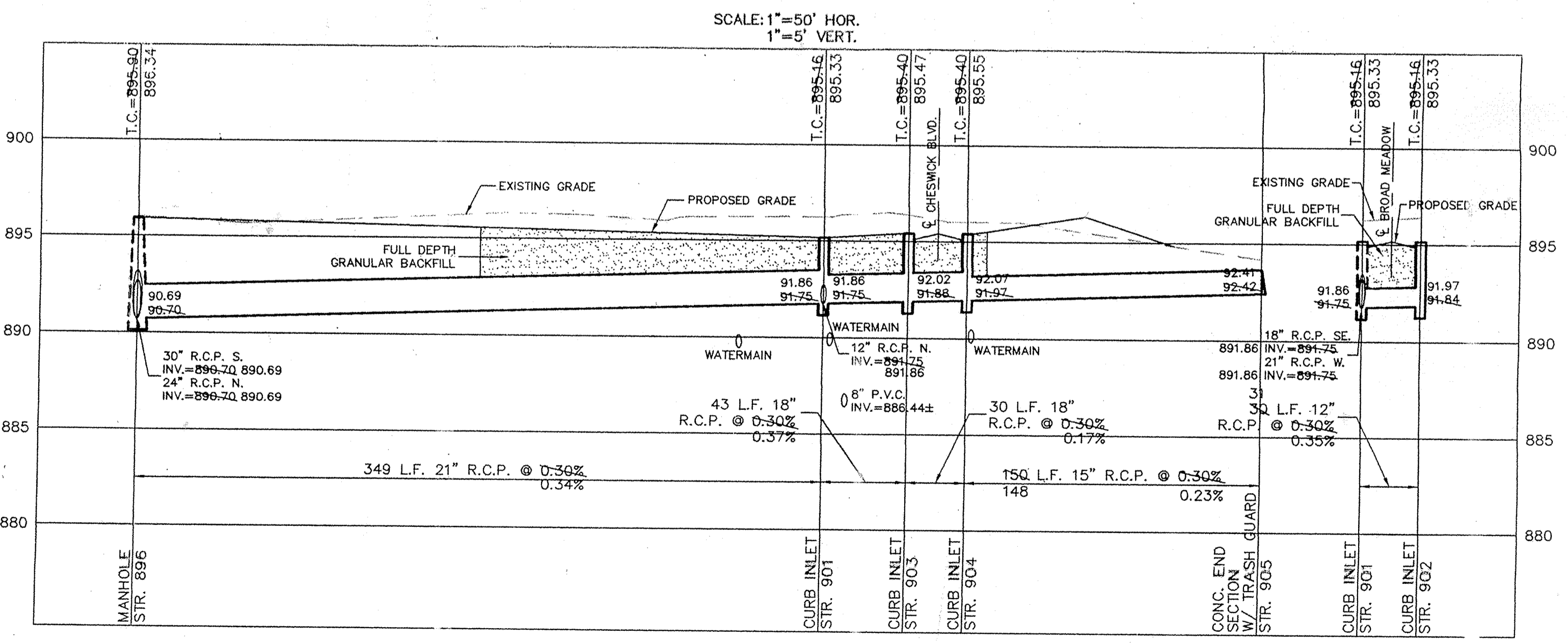
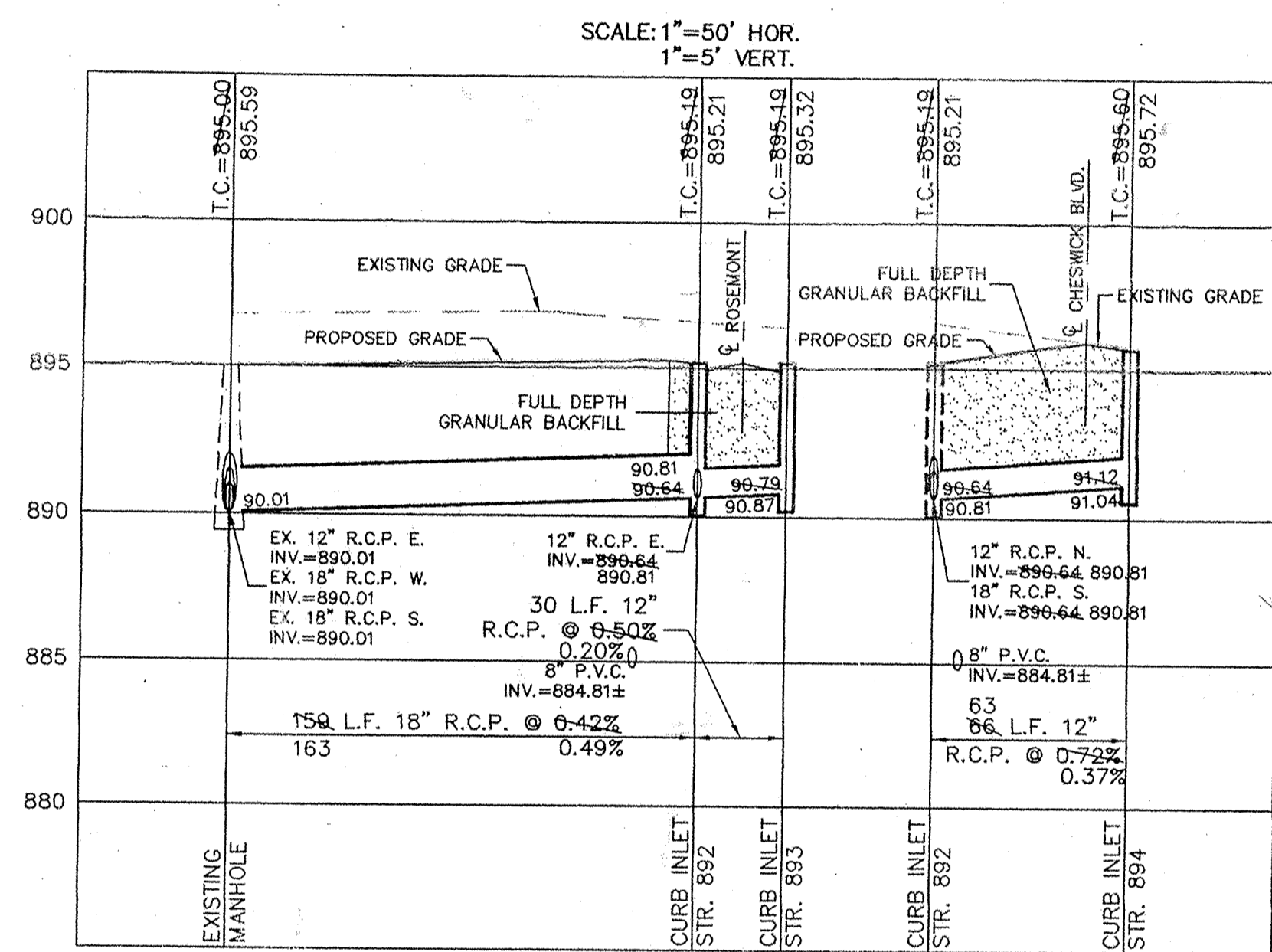
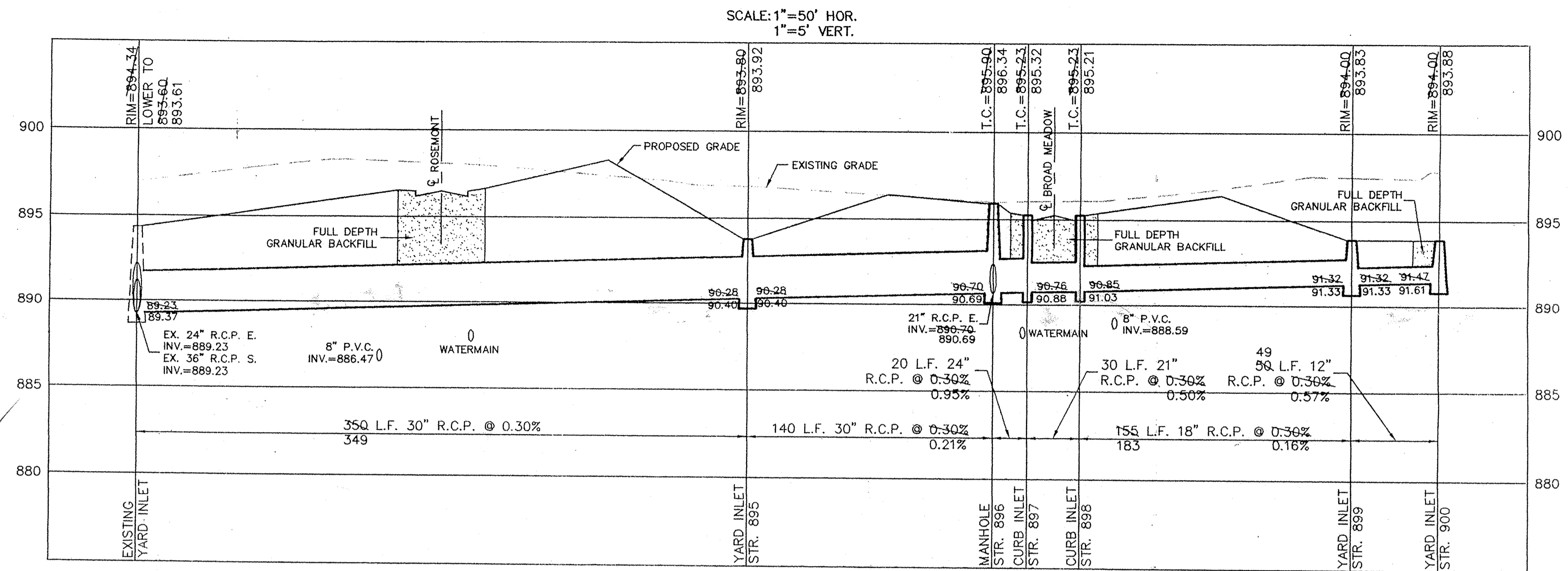
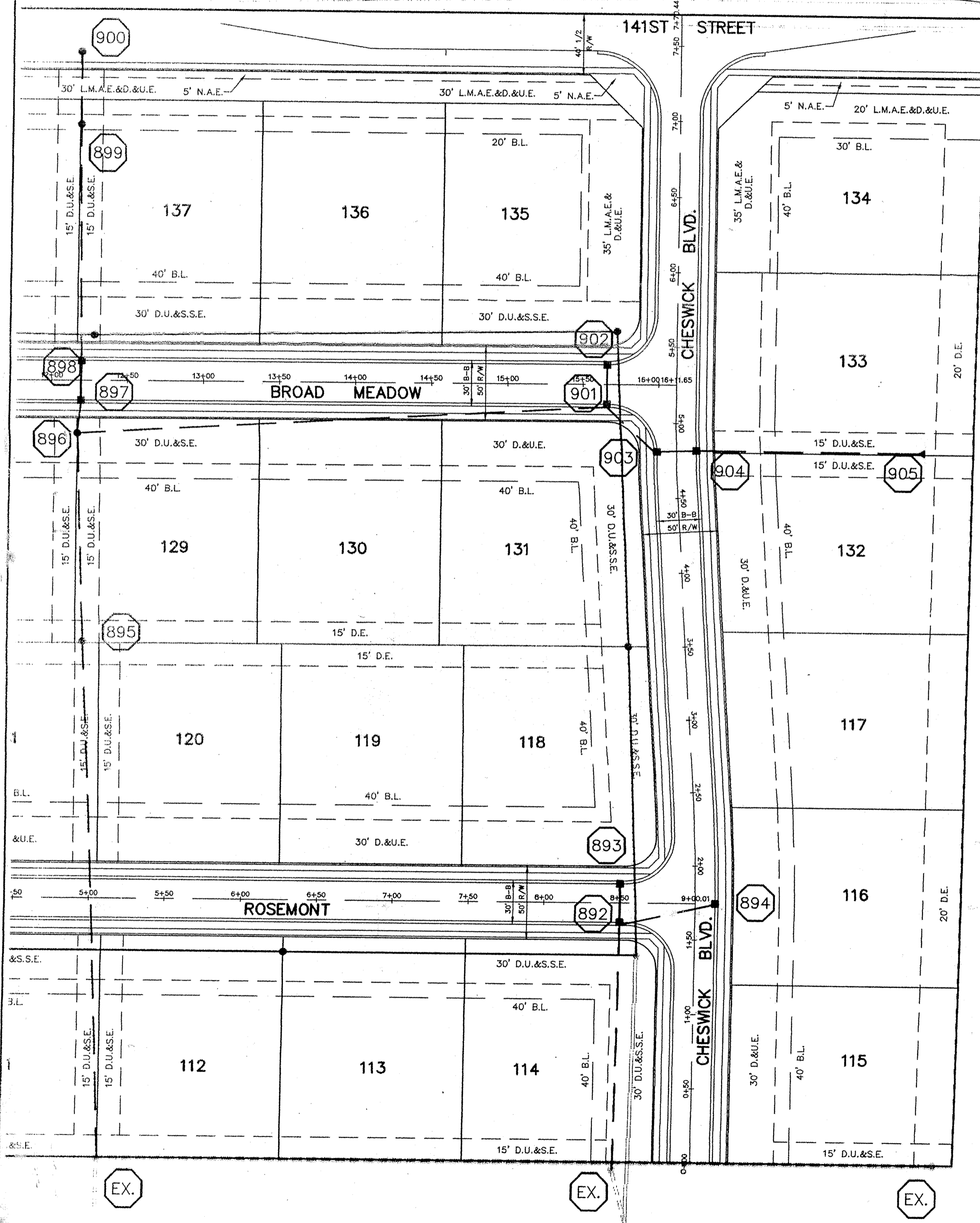
PIPE SIZE	STRUCTURES LESS THAN 48" FROM T/C TO INVERT	STRUCTURES GREATER THAN 48" FROM T/C TO INVERT	ANGLE AND QUALITY OF PIPES WILL REQUIRE SPECIAL DESIGN	STEPS REQUIRED	CURB CASTING *R-3501 N	CASTING *3501 TL & TR
12" to 18"	2'x2'		DESIGN APPROVAL	No	Yes	Yes
18" or 21"		MH/BOX	DESIGN APPROVAL	Yes	Yes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



Hamilton County Seal
 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: 3-4-03
 Entered by: Suzanne L. Mills
 JDH
 SCALE: 1" = 50'

RECORD DRAWING

Jeffery W. Darling 8/4/98
 JEFFERY W. DARLING DATE
 Registered Land Surveyor
 No. 900017



897-98 = 30' 21"
 896-901 = 349' 21"

CERTIFIED: 6/18/97
 David J. Stappert
 CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
 INDIANAPOLIS, INDIANA
 STORM SEWER PLAN & PROFILE
 CHESWICK PLACE SECTION 3
 SHEET NO. 19
 OF 25 SHEETS
 JOB NO. 12450

RECORD DRAWING

Jeffery W. Darling
 JEFFERY W. DARLING
 Registered Land Surveyor
 No. 900017
 DATE 8/3/98



SCALE: 1" = 50'

LEGEND

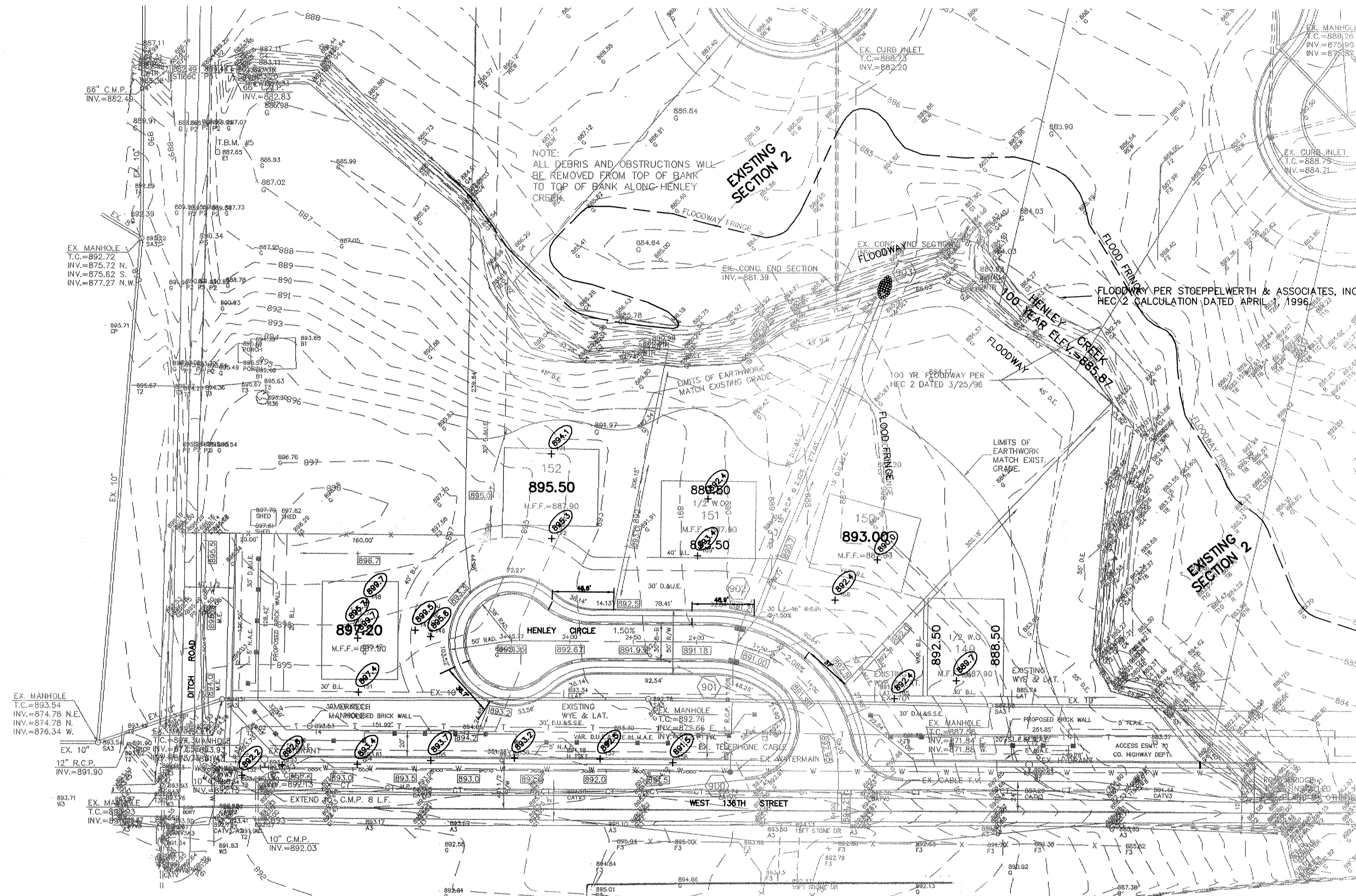
- EXISTING CONTOUR
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- PROPOSED GRADE
- PROPOSED CONTOUR
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED SWALE
- PROPOSED 4' SIDEWALK (BY HOME BUILDER)

35 LOT NUMBER
 853.0 PAD ELEVATION
 PAD SIZE 60'x75'
 ☆ DENOTES PADS OF 2'-0" OF FILL OR MORE
 --- PROPOSED 6" UNDERDRAINS
 --- 4" S.S.D. TO EACH LOT

T.B.M. #5
 R.R. SPIKE SET IN E. SIDE OF P.W.P.
 ON E. SIDE OF DITCH ROAD. 1ST POLE SOUTH
 OF HENLEY DITCH @ CROSSING WITH DITCH ROAD.
 ELEV. = 889.20

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 fills herein and the source approved by the Developer. It will be the responsibility of this 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. 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 of protective measure to be taken, if any, to preserve such trees.
4. REMOVAL OF TOPSOIL
 - A. All topsoil shall be removed 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 excavating 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.



NOTE:
 NORTH HALF OF 136th STREET AND EAST SIDE OF DITCH ROAD SHALL BE WIDENED TO A FULL 12' LANE (WIDENING - 9" COMPACTED #53 STONEFACE, 4" BINDER, 1 1/2" SURFACE WITH STONE SHOULDERS. THAT EXISTING PAVEMENT (FULL WIDTH), SHALL RECEIVE WEDGE AND LEVEL AND 1 1/2" SURFACE.

HAMILTON COUNTY INDIANA
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 Entry Date: 3-4-07
 Entered by: Suzanne L. Mill
 JDH

Str. No.	Type	Inverts	Dir.
900	YARD INLET	881.00	(NE)
901	DOUBLE CURB INLET	887.76	(NE)(S)
902	CONC. END SECTION	881.00	(SW)

"HOLEY MOLEY" SAYS:

 LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE, including, but not limited to, manholes, pipe, valves, & marks made upon the ground by others) AND ARE SPECULATIVE BY 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.
 1-800-382-5544
 CALL TOLL FREE
 1-800-428-5200
 FOR CALLS OUTSIDE OF INDIANA

FILED
 NOV 04 1998
 OFFICE OF HAMILTON COUNTY SURVEYOR

CERTIFIED: 7/18/97

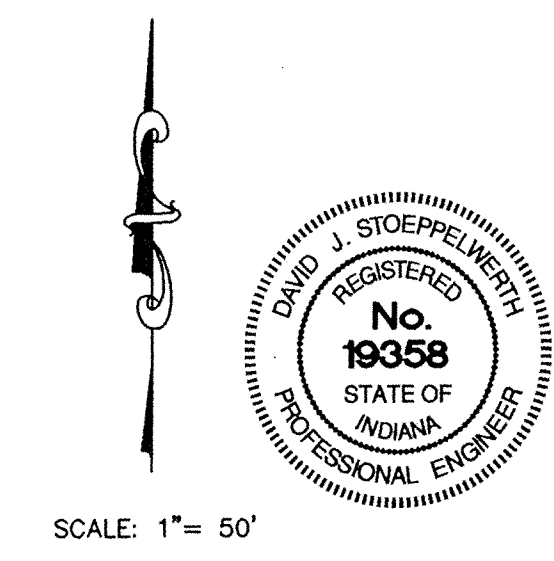
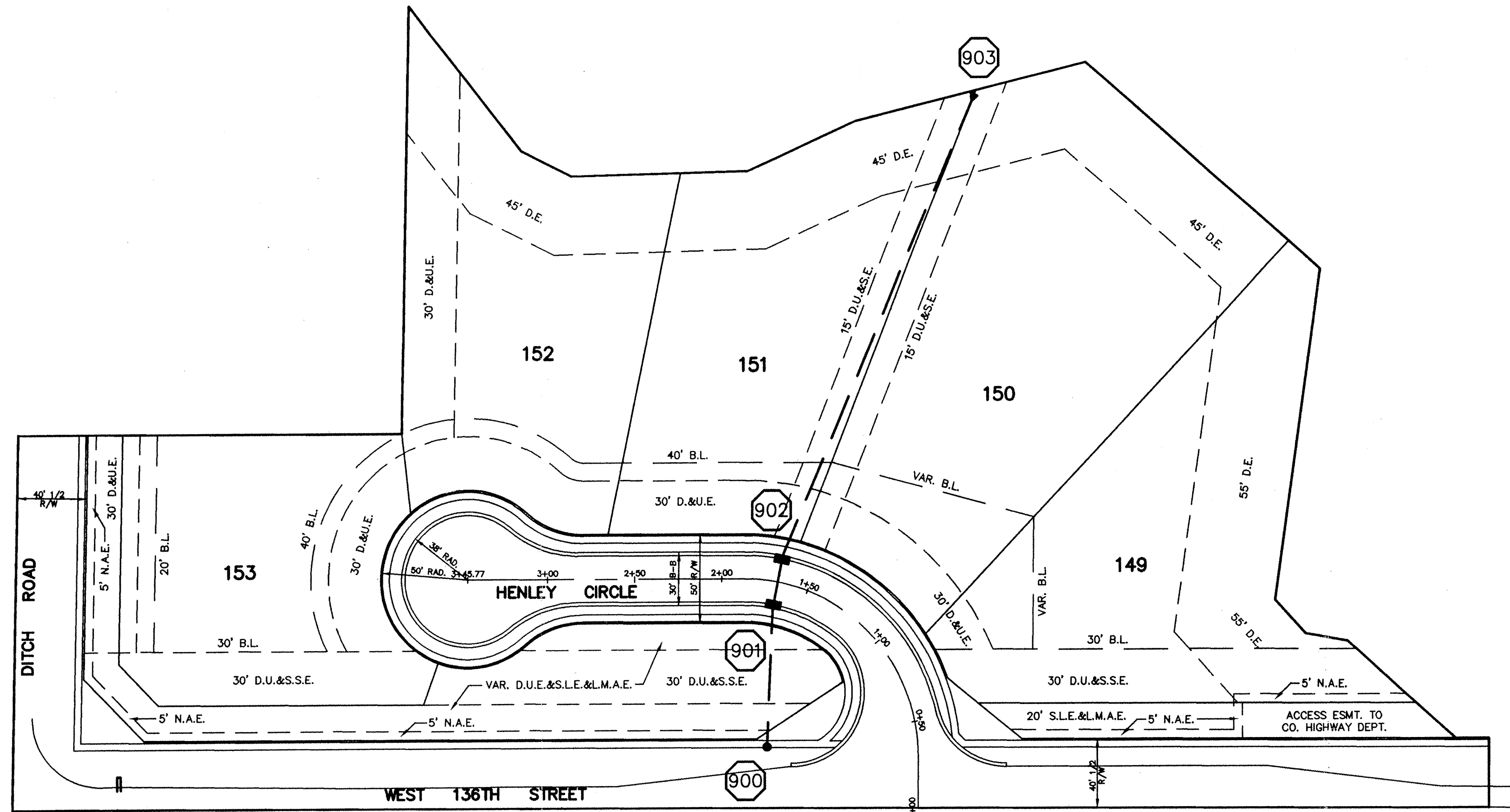
CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5935 1-800-728-8917 FAX: (317) 849-5942
 INDIANAPOLIS INDIANA

David J. Stoepelwerth
 REGISTERED PROFESSIONAL ENGINEER
 No. 19358
 STATE OF INDIANA

SITE DEVELOPMENT PLAN
 CHESWICK PLACE SECTION 4
 INDIANA
 CARMEL

SHEET NO. 3
 OF 15 SHEETS
 JOB NO. 12450

DATE	BY	REVISIONS
7/18/97		



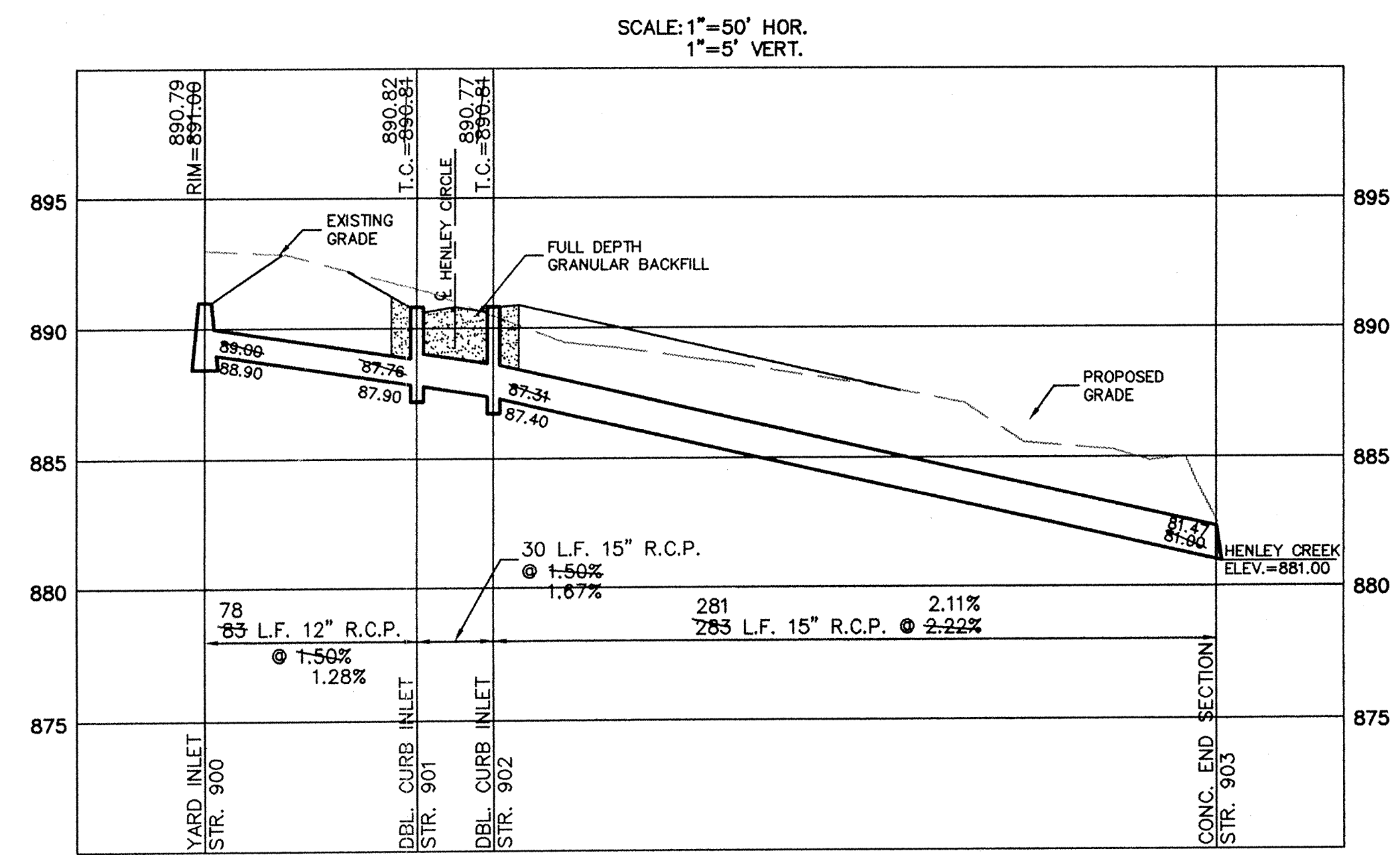
SCALE: 1" = 50'

CURB INLET TABLE

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RECORD DRAWING

Jeffery W. Darling 8/3/98
 JEFFERY W. DARLING DATE
 Registered Land Surveyor
 No. 900017



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 Entry Date: 3-4-03
 Entered by: *Suzanne L. Mill*
 JOH

FILED
 NOV 09 1998
 OFFICE OF HAMILTON COUNTY SURVEYOR

CERTIFIED: 7/18/97
 David J. Stoepplmeyer
 CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
 INDIANAPOLIS INDIANA

STORM SEWER PLAN & PROFILE
 CHESWICK PLACE SECTION 4
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SHEET NO. 10
 OF 15 SHEETS
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