

Drain: CHESWICK PLACE DRAIN **Drain #:** 264
Improvement/Arm: CHESWICK PLACE - SECTION 3
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 N/A
- 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 JWJ 11-17
- Sum drain length for Watershed in Posse JWJ 11-17
- Check Database entries for errors JDH 11-17

Gasb 34 Footages for Historical Cost
Drain Length Log

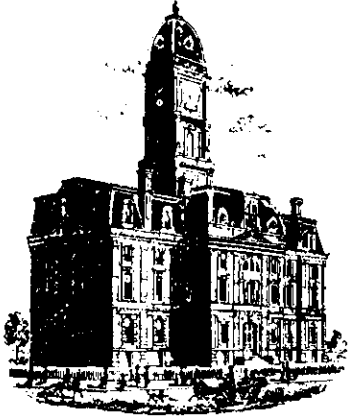
Drain-Improvement: CHESWICK PLACE DRAIN - CHESWICK PLACE SECTION 3

Drain Type:	Size:	Length <small>SURV. MAPPING</small> (REPORT)	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
SSD	6"	7,858'	7,858'	∅		
RCP	12"	819'	819'	∅		
	15"	508'	508'	∅		
	18"	799'	799'	∅		
	21"	379'	379'	∅		
	24"	273'	273'	∅		
	27"	224'	224'	∅		
	30"	489'	489'	∅		

Sum: 11,349' 11,349' ∅ _____

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

February 20, 1998

TO: HAMILTON COUNTY DRAINAGE BOARD

RE: Cheswick Place Drain Section 3 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Section 3 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	7,784 ft	21" RCP	379 ft
12" RCP	827 ft	24" RCP	274 ft
15" RCP	510 ft	27" RCP	220 ft
18" RCP	766 ft	30" RCP	490 ft

The total length of the drain will be 11,250 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 benefit each lot equally. I also believe that no damages 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 \$1,663.10.

Page #2

Parcels assessed for this drain may be assessed for the Williams Creek or Collins and Osborn Drains at sometime 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 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 the Cheswick Place Drain-Section 3 Arm, as recorded in the office of the Hamilton 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: MC1205615
 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.

Mathleen M. Shegory A/c

 AUTHORIZED SIGNER

Glenda C. Shuman

 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.

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 HINCHE

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

CERTIFICATE OF COMPLETION AND COMPLIANCE

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, 1997.

I hereby certify that:

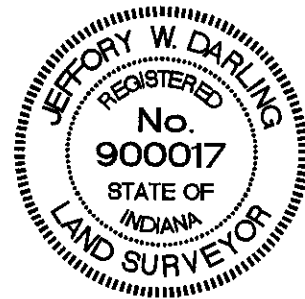
To the best of my knowledge, information and belief such land alteration has been performed and completed in conformity with the improved plan, except None

Signature Jeffery W. Darling Date: 8/3/98

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/12450

FILED
AUG 05 1998
OFFICE OF HAMILTON COUNTY SURVEYOR

CHESWICK PLACE, SECTION 3
CERTIFICATE OF COMPLETION AND COMPLIANCE
SANITARY SEWERS

Address of premises on which land alteration was accomplished 141st Street & Ditch Road

Inspection Date(s): _____ Permit No. _____

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

on 6/18, 1997.

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

(Storm Sewer)
CERTIFICATE OF COMPLETION AND COMPLIANCE

Address of premises on which
land alteration was accomplished 141St Street and Ditch Road

Inspection Date(s): _____ Permit No. _____

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

on June 18, 1997

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 Swale Lot 112-114, 115-117 Flat, Swale Lot 132-134 out of
Platted Easement Manhole 911 Low Per Proposed Grade

Signature Jeffery W. Darling Date: 8/4/98

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

Business Address 9940 Allisonville Rd.,
Fisher, Indiana 46038

Surv. Engr. X Arch. _____ Indiana Registration No. 900017
S0474

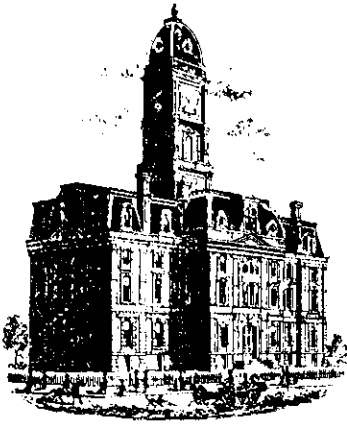


10265COM/IWP/FORM

FILED

AUG 06 1998

OFFICE OF HAMILTON COUNTY SURVEYOR



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

February 26, 2003

Re: Cheswick Drain: Cheswick Sec. 3 Arm

Attached are as-builts, certificate of completion & compliance, and other information for Cheswick Sec 3. 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 20, 1998. The report was approved by the Board at the hearing held March 23, 1998. (See Drainage Board Minutes Book 4, Pages 519-20) The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
913	895.74	891.13				
912	894.99	890.77	12	51	50	1
912	894.99	890.77				
911	897.76	890.04	18	196	196	0
911	897.76	890.04				
909	896.03	889.53	24	181	182	-1
909	896.03	889.53				
908	896.86	889.19	24	72	72	0
908	896.86	889.19				
907	897.49	888.83	27	77	75	2
907	897.49	888.83				
Existing	892.75	888.42	27	147	145	2
910	895.98	892.24				
909	896.03	889.53	12	30		
911	897.76	890.04				
914	895.3	891.64	18	184	183	1
914	895.3	891.64				
915	895.57	891.79	12	30		
916	895.81	891.88				
914	895.3	891.64	12	64		
912	894.99	890.77				

917	894.95	891.98	15	360		
917	894.95	891.98				
919	896.99	894.4	12	357		
919	896.99	894.4				
920	899.38	896.33	12	64	70	-6
918	897.94	894.8				
917	894.95	891.98	12	50		
Ex	893.61	889.37				
895	893.92	890.4	30	349	350	-1
895	893.92	890.4				
896	896.34	890.69	30	140		
896	896.34	890.69				
897	895.32	890.88	24	20		
897	895.32	890.88				
898	895.21	891.03	21	30		
898	895.21	891.03				
899	893.83	891.33	18	183	155	28
899	893.83	891.33				
900	893.88	891.61	12	49	50	-1
Ex	895.59	890.01				
892	895.21	890.81	18	163	159	4
892	895.21	890.81				
893	895.32	890.87	12	30		
892	895.21	890.81				
894	895.72	891.04	12	63	66	-3
896	896.34	890.69				
901	895.33	891.86	21	349		
901	895.33	891.86				
903	895.47	892.02	18	43		
903	895.47	892.02				
904	895.55	892.07	18	30		
904	895.55	892.07				
905		892.41	15	148	150	-2
901	895.33	891.86				
902	895.33	891.97	12	31	30	1

6" SSD

Streets:

Cheswick Blvd.	770.44
Rosemont	900
Pine Hill Way-Broad Meadow	1611.65
Princeton Gate	646.92

x2

Total: 7858

RCP Pipe Totals:

12	819
15	508
18	799
24	273
27	224
30	489
21	379

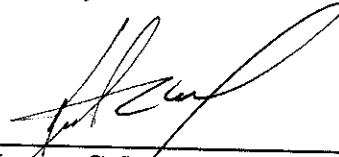
The length of the drain due to the changes described above is now **11,349 feet**.

The non-enforcement was approved by the Board at its meeting on March 23, 1998 and recorded under instrument #9909902291.

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.

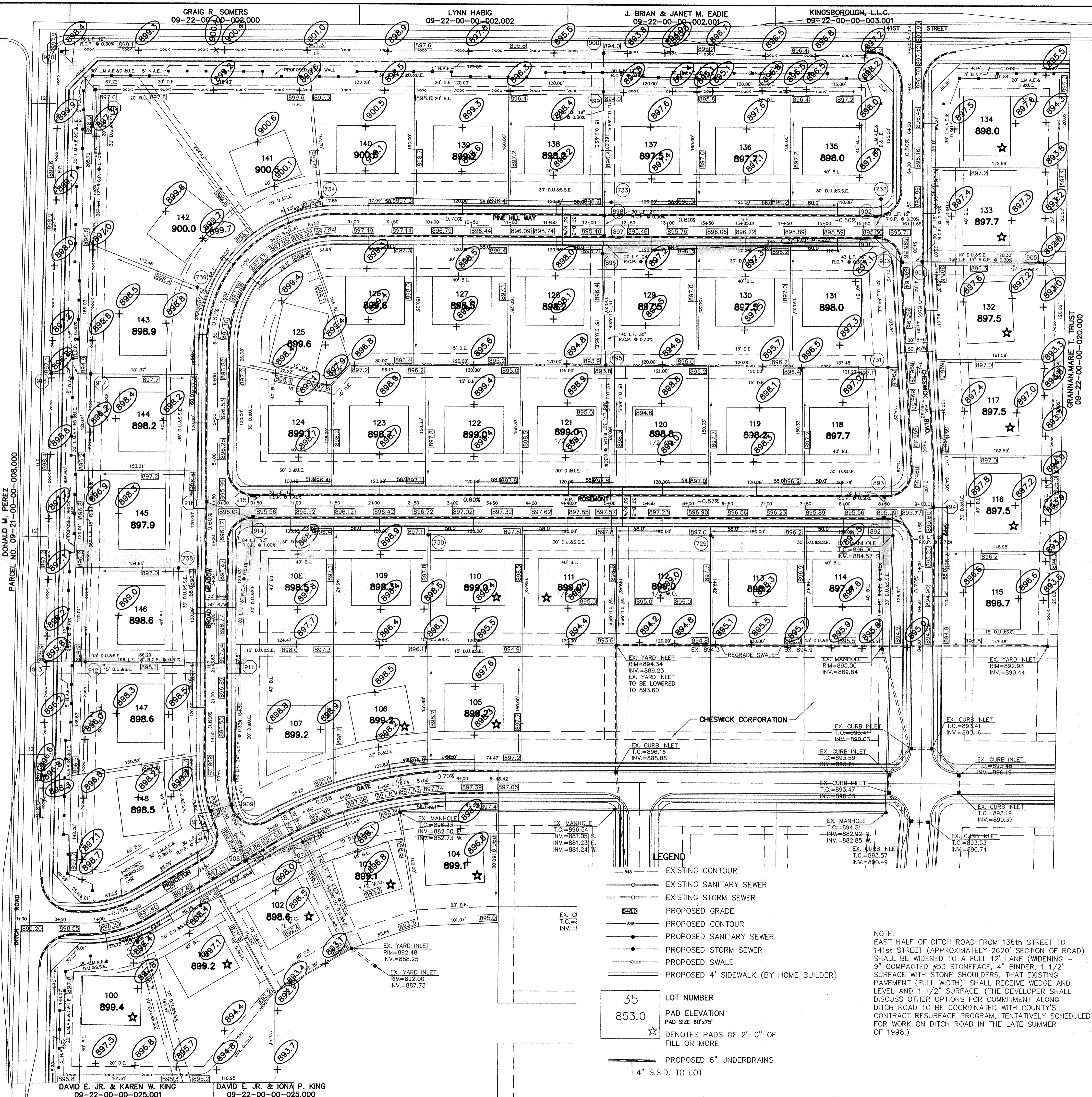
I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kenton C. Ward', written over a horizontal line.

Kenton C. Ward,
Hamilton County Surveyor

KCW/slm



- EARTHWORK:**
- EXCAVATION
 - Excavated material that is suitable may be used for fills. All unsuitable material and soil surplus excavated material not required shall be removed from the site.
 - 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 the Contractor for any costs for fill needed.
 - REMOVAL OF TREES
 - All trees and stumps from area to be occupied by a road surface area. Trees and stumps shall not be buried on site.
 - PROTECTION OF TREES
 - 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.
 - 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.
 - REMOVAL OF TOPSOIL
 - 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.
 - UTILITIES
 - Rules and regulation governing the respective utility shall be observed in executing all work under this section.
 - 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.
 - SITE GRADING
 - Do all cutting, filling, compacting of fills and rough grading required to bring entire project area to subgrade as shown on the drawing.
 - 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.
 - 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.

BENCHMARK:
 SET ON THE EAST SIDE POWER POLE
 @ THE SOUTHWEST CORNER OF DITCH ROAD
 AND 141ST STREET.
 ELEV. = 902.58

Entry Date: 3-4-03
 Entered by: Suzanne L. King
 JOK

STORM TABLE

Str. No.	Type	Tc/Rim	Inverts	Dir.
892	CURB INLET	893.19	890.64	(N)(S)
893	CURB INLET	895.19	890.79	(S)
894	CURB INLET	895.60	891.12	(W)
895	YARD INLET	893.80	890.28	(N)(S)
896	MANHOLE	895.90	890.70	(N)(S)(E)
897	CURB INLET	895.23	890.76	(N)(S)
898	CURB INLET	895.23	890.85	(N)(S)
899	YARD INLET	894.00	891.32	(N)(S)
900	YARD INLET	893.90	891.47	(S)
901	CURB INLET	895.16	891.75	(W)(N)(SE)
902	CURB INLET	895.00	891.84	(S)
903	CURB INLET	895.40	891.88	(E)(NW)
904	CURB INLET	895.40	891.97	(E)(W)
905	CONC. END SECTION WASH GUARD	895.40	892.42	(W)
907	MANHOLE	897.80	888.85	(SE)(W)
908	CURB INLET	896.74	893.08	(N)(E)
909	CURB INLET	895.94	893.40	(N)(S) 888.78(W)
910	CURB INLET	895.94	892.00	(E)
911	MANHOLE	897.50	890.00	(N)(S)(W)
912	YARD INLET	895.00	890.60	(N)(E)(W)
913	YARD INLET	895.90	890.75	(E)
914	CURB INLET	895.46	890.96	(N)(S)(W)
915	DOUBLE CURB INLET	895.46	891.38	(S)
916	CURB INLET	895.88	891.60	(E)
917	YARD INLET	894.90	892.03	(N)(S)(W)
918	YARD INLET	897.10	892.16	(E)
919	YARD INLET	897.00	894.52	(NW)(S)
920	YARD INLET	897.90	894.73	(SE)

RECORD DRAWING

JEFFORY W. DARLING
 Registered Land Surveyor
 No. 900017

DATE: 11/6/98

"HOLEY MOLEY" SAYS:

CAUTION
 LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (INCLUDING, BUT NOT LIMITED TO, MANHOLES, INLETS, VOLVES, & 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.

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

NOV 09 1998

OFFICE OF HAMILTON COUNTY SURVEYORS

- 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)
 - 4" S.S.D. TO LOT
- 35 LOT NUMBER
 853.0 PAD ELEVATION
 PAD SIZE 60'x75'
 * DENOTES PADS OF 2'-0" OF FILL OR MORE

NOTE:
 EAST HALF OF DITCH ROAD FROM 136th STREET TO 141st STREET (APPROXIMATELY 2620' SECTION OF 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. (THE DEVELOPER SHALL DISCUSS OTHER OPTIONS FOR COMMITMENT ALONG DITCH ROAD TO BE COORDINATED WITH COUNTY'S CONTRACT RESURFACE PROGRAM, TENTATIVELY SCHEDULED FOR WORK ON DITCH ROAD IN THE LATE SUMMER OF 1998.)

CERTIFIED: 6/18/97

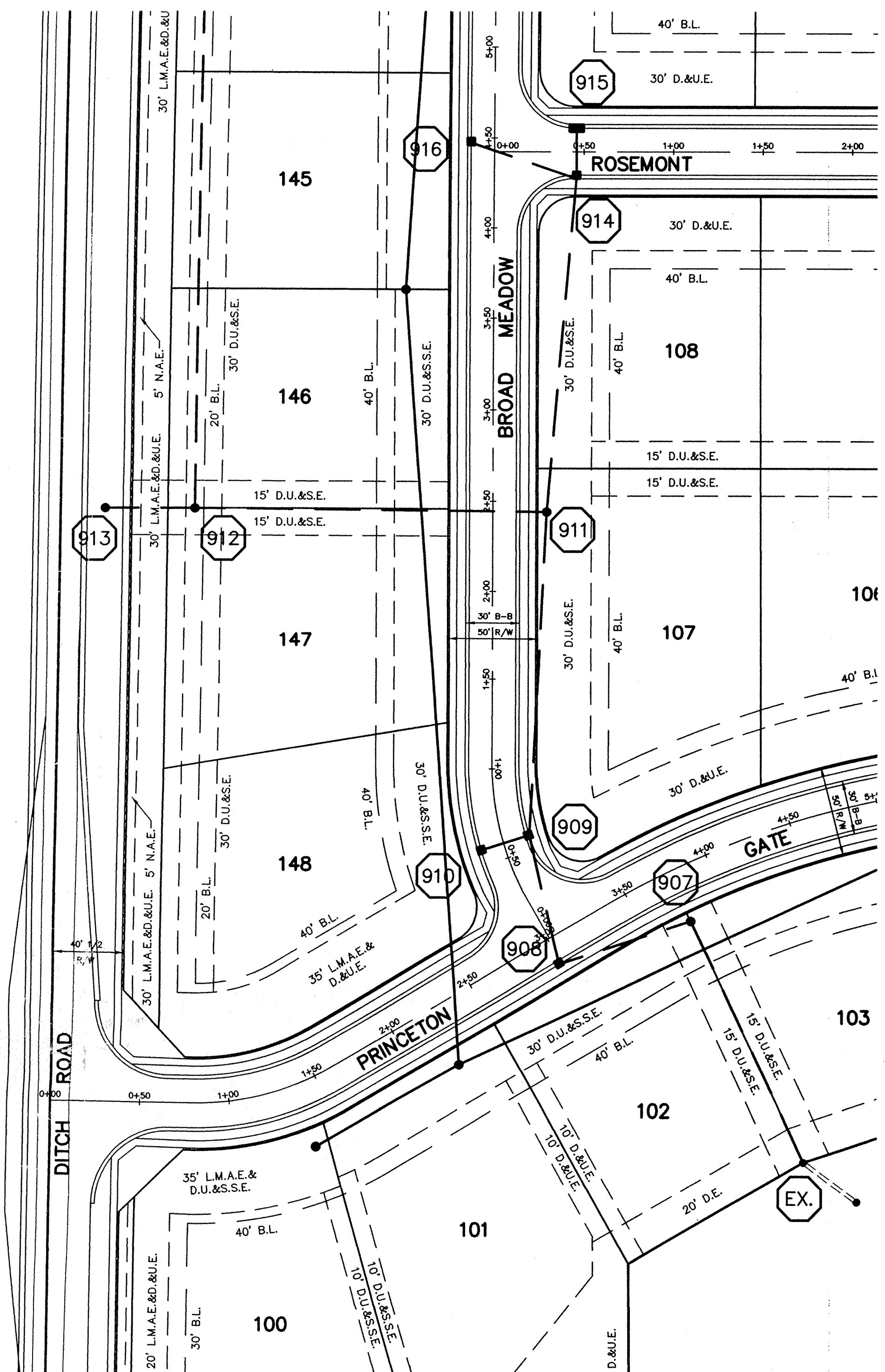
REGISTERED LAND SURVEYOR
 No. 19358
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

DAVID J. STOEPPERT

CONSULTING ENGINEERS
 (317) 849-5935 1-800-728-6917 FAX: (317) 849-9442
 INDIANAPOLIS INDIANA

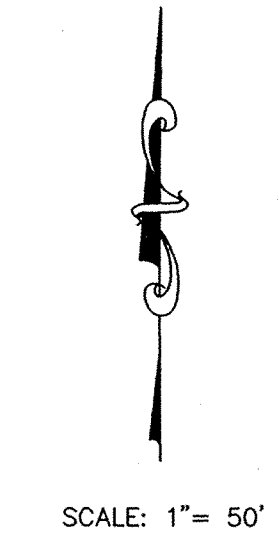
INDIAN COUNTY SURVEYORS
 Entry Date: 3-4-03
 Entered by: Suzanne L. King
 JOK

SITE DEVELOPMENT PLAN
 CHESWICK PLACE SECTION 3
 CARMEL INDIANA
 SHEET NO. 3
 OF 25 SHEETS
 JOB NO. 12450



RECORD DRAWING

Jeffrey W. Darling
 JEFFREY W. DARLING
 Registered Land Surveyor
 No. 900017



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

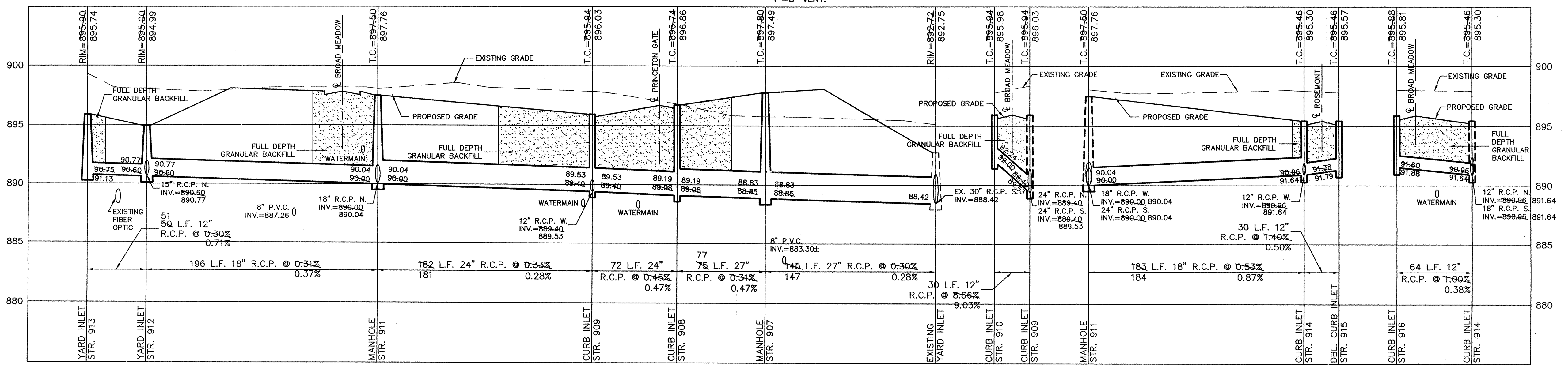
* PIPES NO LARGER THAN 18" CAN BE USED IN THE 2' SIDE OF THIS BOX
 ** INCOMING AND OUT GOING PIPES EFFECT STEPS IN THIS STRUCTURE

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' HOR.
 1"=5' VERT.



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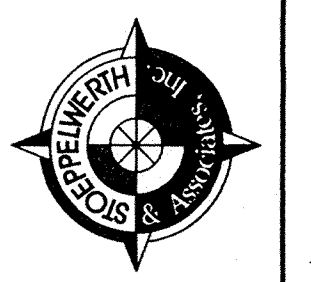
Entry Date: 3-4-03

Entered by: Suzanne L. Mills
 JDH

DATE	BY	REVISIONS
6/18/97	DAVID J. STOEPPELBERG	DATE
6/18/97	DAVID J. STOEPPELBERG	MARK

CERTIFIED: 6/18/97
 David J. Stoeppelberg
 Registered Professional Engineer
 No. 19358
 State of Indiana

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
 CARMEL INDIANA

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RECORD DRAWING

Jeffery W. Darling 11/2/98
 JEFFERY W. DARLING DATE
 Registered Land Surveyor
 No. 900017



SCALE: 1" = 50'



DATE	BY	REVISIONS
6/18/97 <td>SCS <td></td> </td>	SCS <td></td>	
4/7/98 <td>WAB <td></td> </td>	WAB <td></td>	
2/4/98 <td>GR <td></td> </td>	GR <td></td>	
8/27/97 <td>SCS <td></td> </td>	SCS <td></td>	
8/24/97 <td>SCS <td></td> </td>	SCS <td></td>	

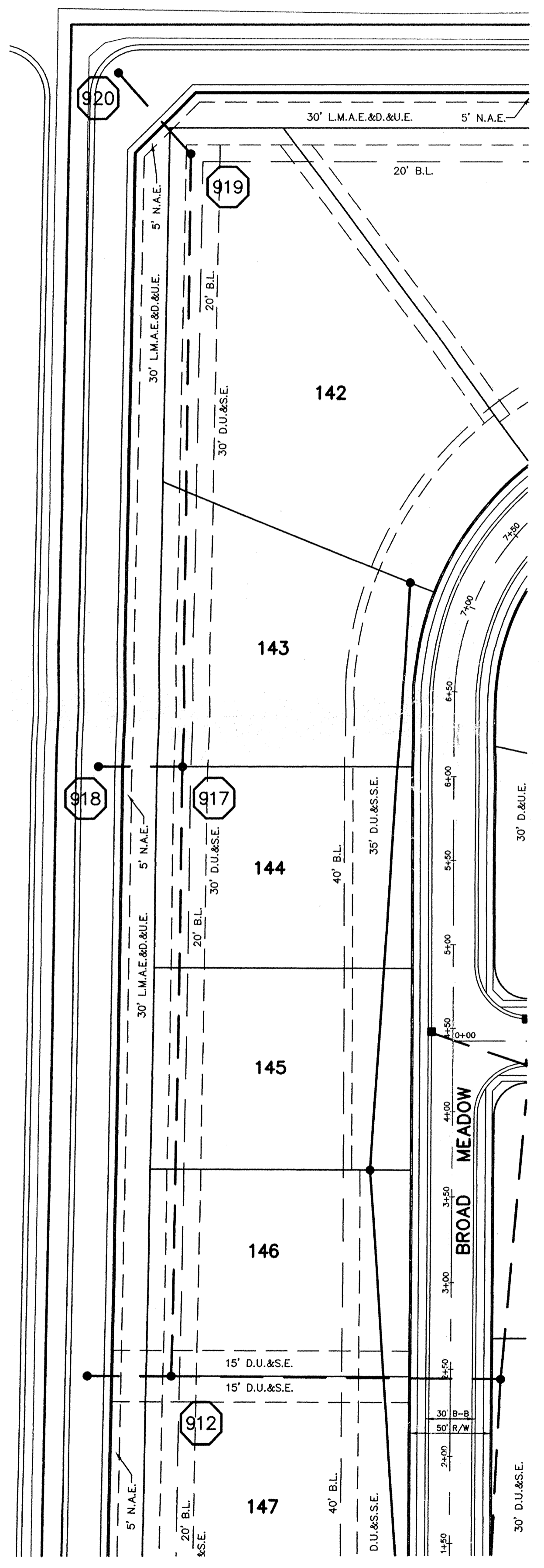
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STORM SEWER PLAN & PROFILE
 CHESWICK PLACE SECTION 3
 CARMEL INDIANA

SHEET NO. 18
 OF 25 SHEETS
 JOB NO. 12450



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

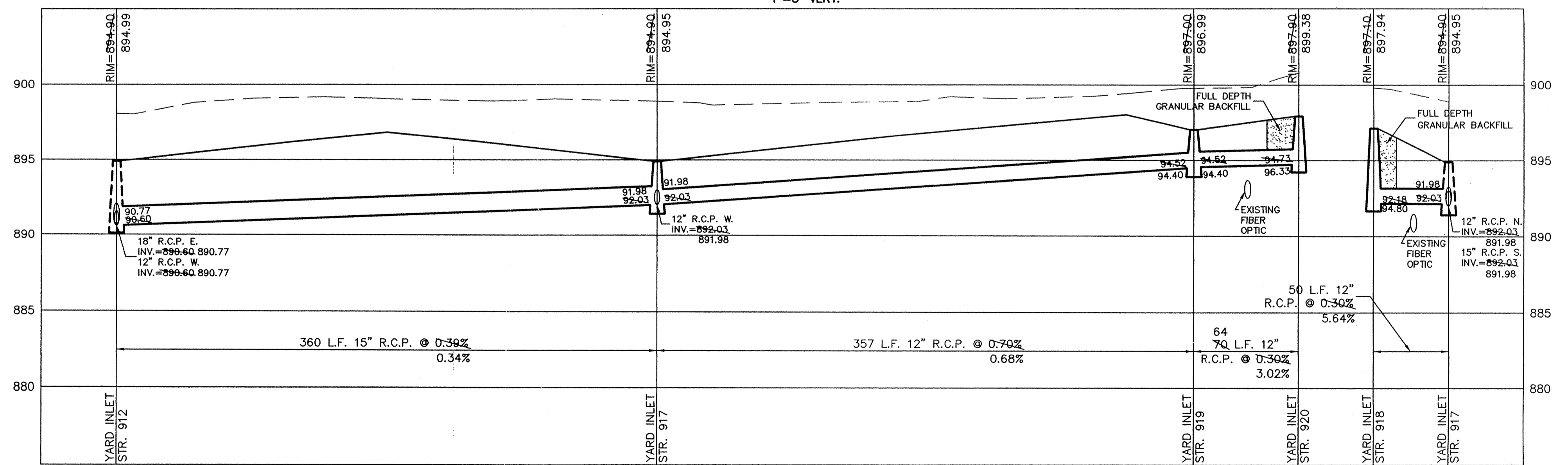
* PIPES NO LARGER THAN 18" CAN BE USED IN THE 2' SIDE OF THIS BOX
 ** INCOMING AND OUT GOING PIPES EFFECT STEPS IN THIS STRUCTURE

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 Entry Date: 7-4-03
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