

Drain: JOHN OSBORN DRAIN **Drain #:** 162
Improvement/Arm: KINGSMILL - SECTION 2
Operator: JOH **Date:** 6-2-04
Drain Classification: Urban/Rural **Year Installed:** 1994

GIS Drain Input Checklist

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

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

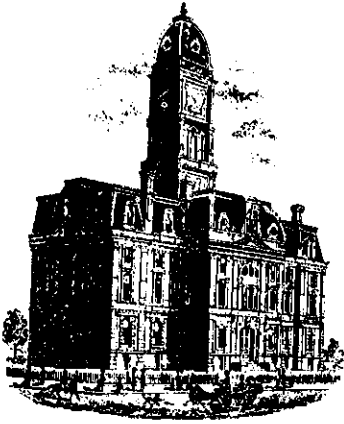
Drain-Improvement: JOHN OSBORN DRAIN - KINGSMILL - SECTION 4

| Drain Type: | Size: | Length | | | If Applicable | |
|-------------|-------|---------------------------------|------------|-----------|---------------|-------|
| | | <small>SURVEYORS REPORT</small> | (DB Query) | Reconcile | Price: | Cost: |
| SSD | 6" | 7,748' | 5,748' | -2,000' | | |
| RCP | 12" | 557' | 557' | Ø | | |
| | 15" | 164 | 164' | Ø | | |
| | 18" | 971' | 988' | +17' | | |
| | 21" | 190' | 190' | Ø | | |
| | 24" | 392' | 392' | Ø | | |
| | 27" | 87' | 87' | Ø | | |
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Sum: 10,009' 8,126' -1,983'

Final Report: _____

Comments:
SR AND AD DISAGREE ON 6" SSD AND 18" RCP LENGTHS



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square

Noblesville, Indiana 46060-2230

December 20, 1994

TO: Hamilton County Drainage Board

RE: John Osborn Drain-Kingsmill Section 1 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Kingsmill, Section 1 Arm of the John Osborn 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 | 7748 feet | 21" RCP | 190 feet |
| 12" RCP | 560 feet | 24" RCP | 392 feet |
| 15" RCP | 164 feet | 27" RCP | 87 feet |
| 18" RCP | 911 feet | | |

The total length of the drain will be 10,052 feet.

The retention pond (lake) located in Block C 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 pond (lake) 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.

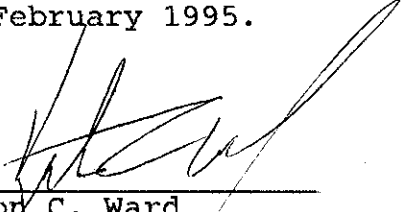
I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$25.00 per lot, \$2.00 per acre for roadways, with a \$25.00 minimum. With this assessment the total annual assessment for this section will be \$ 828, 44

Parcels assessed for this drain may be assessed for the Williams Creek, Osborn-Collins or Springmill Run Drains at sometime in the future. Lots 41, 42, 43 1, 3 and 4, assessed for this drain will also be assessed for the Fitch and Jessup 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 Kingsmill Section 1 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for February 1995.



Kenton C. Ward
Hamilton County Surveyor
KCW/no

STANDBY LETTER OF CREDIT

Letter of Credit No: 44333

Date: September 7, 1994

BENEFICIARY

HAMILTON COUNTY COMMISSIONER
Hamilton County Judicial Center
1 Hamilton County Square, Suite 157
Noblesville, IN 46060

FOR ACCOUNT OF

KINGSMILL CORPORATION
P.O. Box 649
Carmel, IN 46032

We hereby establish our Irrevocable Letter of Credit in your favor, for the account indicated above, for the sum or sums not exceeding an aggregate amount of USD12,900.00 (Twelve Thousand Nine Hundred U.S.Dollars.)

Funds are available by your draft(s) at sight drawn on National City Bank, Indiana Indianapolis, Indiana.

Drafts are to be accompanied by:

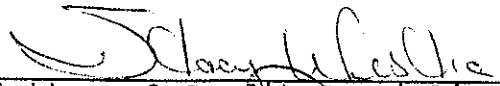
1. The original of this Letter of Credit No. 44333.
2. Signed Beneficiary's certificate stating that "Kingsmill Corporation has failed to complete the erosion control measures required in Kingsmill, Section 1.

All drafts drawn under this Letter of Credit are to be endorsed hereon and shall bear the clause: "Drawn under National City Bank, Indiana Indianapolis, Indiana Letter of Credit No. 44333", and must be drawn and presented at this office on or before June 1, 1995.

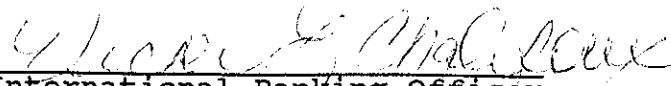
We hereby agree with you that all drafts drawn under and in compliance with the terms of this Letter of Credit will be duly honored upon proper presentation.

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.

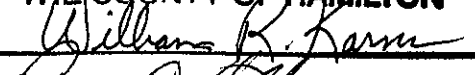
Very truly yours,



Letter of Credit Specialist I
BOARD OF COMMISSIONERS
OF THE COUNTY OF HAMILTON



International Banking Officer
& Operations Manager



DATE 9.12.94

ATTEST: _____
HAMILTON COUNTY AUDITOR

STANDBY LETTER OF CREDIT

Letter of Credit No: 44306

Date: July 25, 1994

BENEFICIARY

HAMILTON COUNTY COMMISSIONER
HAMILTON COUNTY JUDICIAL CENTER
1 Hamilton County Square
Suite 157
Noblesville, IN 46060

FOR ACCOUNT OF

KINGSMILL CORPORATION
P.O. Box 649
Carmel, IN 46032

We hereby establish our Irrevocable Letter of Credit in your favor, for the account indicated above, for the sum or sums not exceeding an aggregate amount of USD114,400.00 (One Hundred Fourteen Thousand Four Hundred U.S.Dollars).

Funds are available by your draft(s) at sight drawn on National City Bank, Indiana Indianapolis, Indiana.

Drafts are to be accompanied by:

1. The original of this Letter of Credit No. 44306.
2. A signed beneficiary certificate stating that "Kingsmill Corporation has failed to complete the storm sewer or has failed to complete the sub-surface drain in Kings Mill, Section 1. More specifically storm sewer \$83,200.00 and sub-surface drain \$31,200.00".

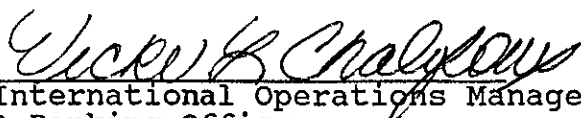
All drafts drawn under this Letter of Credit are to be endorsed hereon and shall bear the clause: "Drawn under National City Bank, Indiana Indianapolis, Indiana Letter of Credit No. 44306", and must be drawn and presented at this office on or before July 31, 1995.

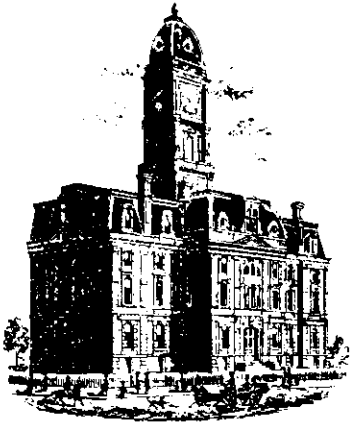
We hereby agree with you that all drafts drawn under and in compliance with the terms of this Letter of Credit will be duly honored upon proper presentation.

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,


Letter of Credit Specialist I


International Operations Manager
& Banking Officer



Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 188

One Hamilton County Square

Noblesville, Indiana 46060-2230

Map Correction-Field Verification

Drain Number: #162

Drain Length: 8126

Drain Name: John Osborn: Kingsmill Sec. 1

Change +/-: -287

Date: 8-15-05

New Length: 7839

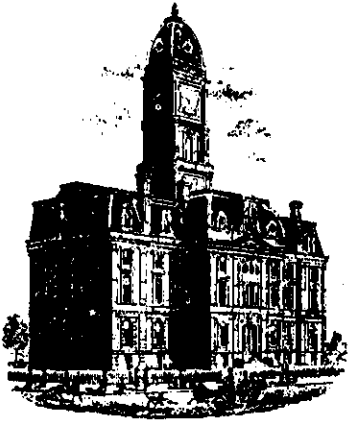
Verified By: SIM

Notes & Sketch:

SSD: Curb inlets at the entrance were incorrectly mapped. This portion was never taken in as regulated drain. It will be picked up in the future as part of the TOWNE lakes drain.

Suzanne L. Mills

GIS Specialist



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square

Noblesville, Indiana 46060-2230

May 8, 1996

To: Hamilton County Drainage Board

Re: John Osborn Drain, Kingsmill Arm Section 1

Attached are as-builts, certificate of completion & compliance, and other information for Kingsmill 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 December 20, 1994. The changes are as follows:

STR 115-114 consists of 12" RCP which was shortened from 29' feet to 26' feet.

STR 121-107 consists of 18" RCP which was lengthened from 300' feet to 330' feet.

STR 107-122 consists of 18" RCP which was lengthened from 300' feet to 330' feet.

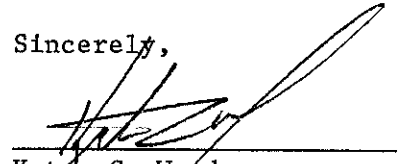
The length of the drain due to the changes described above is now 10,109 feet.

The non-enforcement was approved by the Board at its meeting on February 29, 1995.

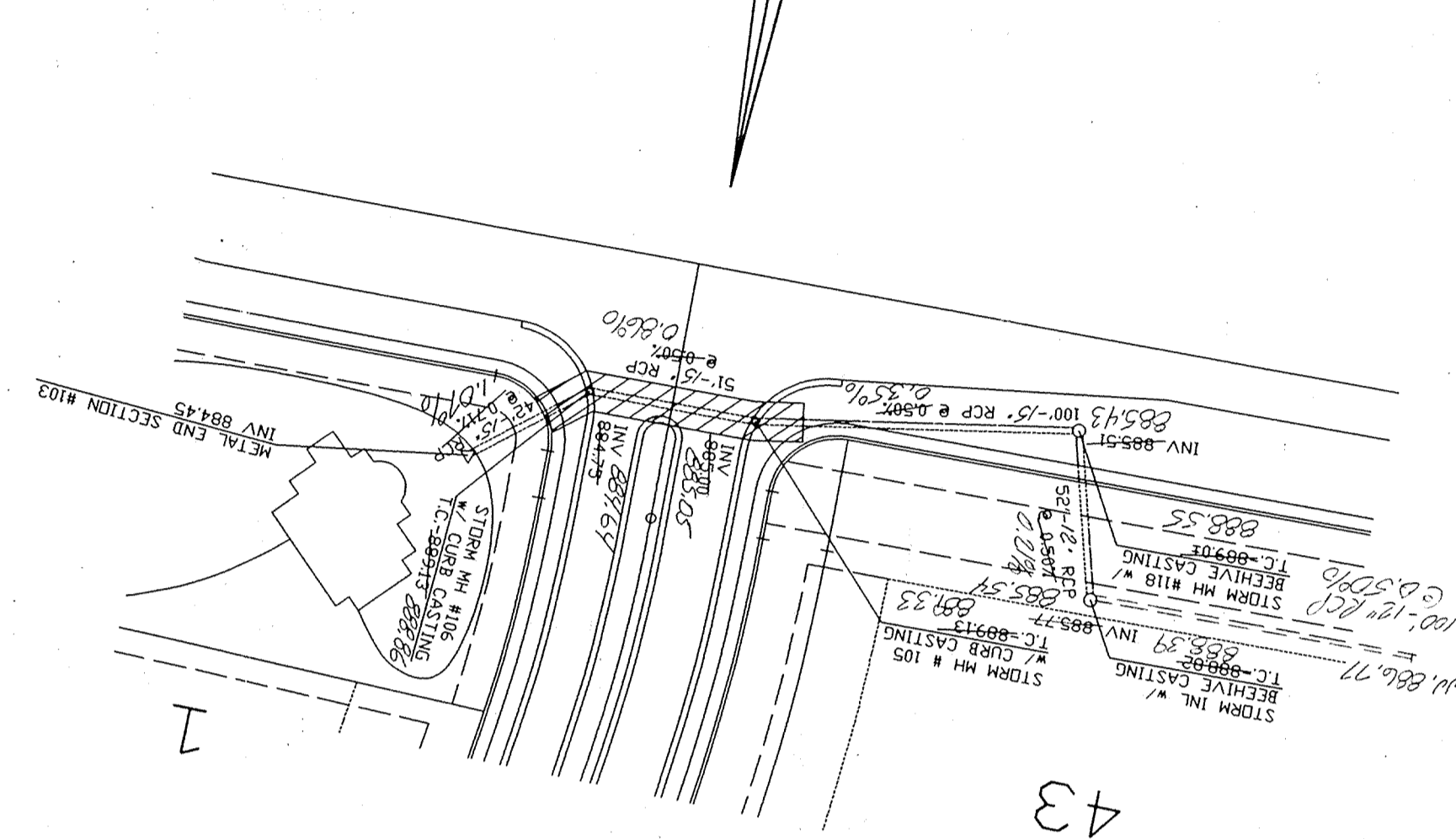
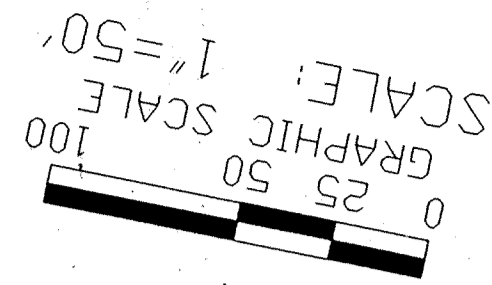
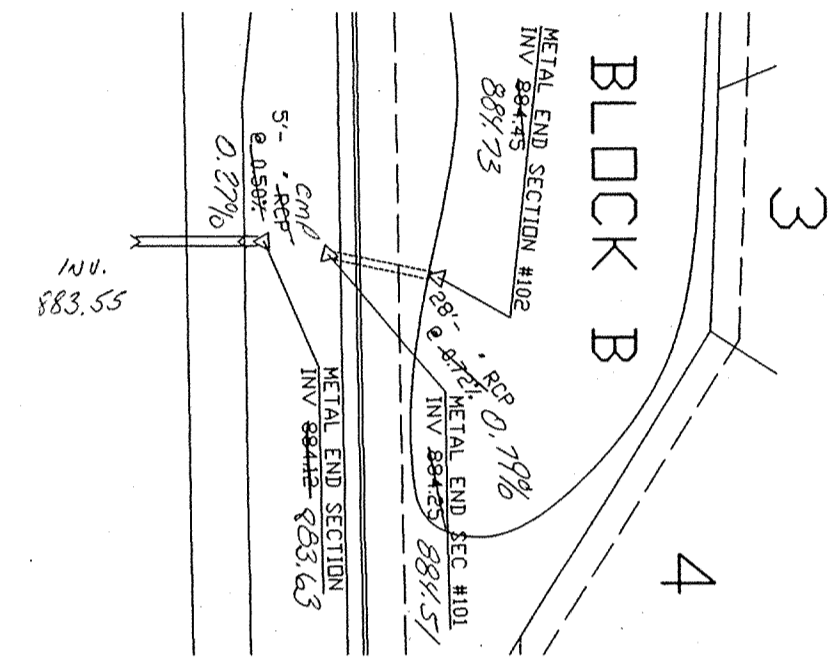
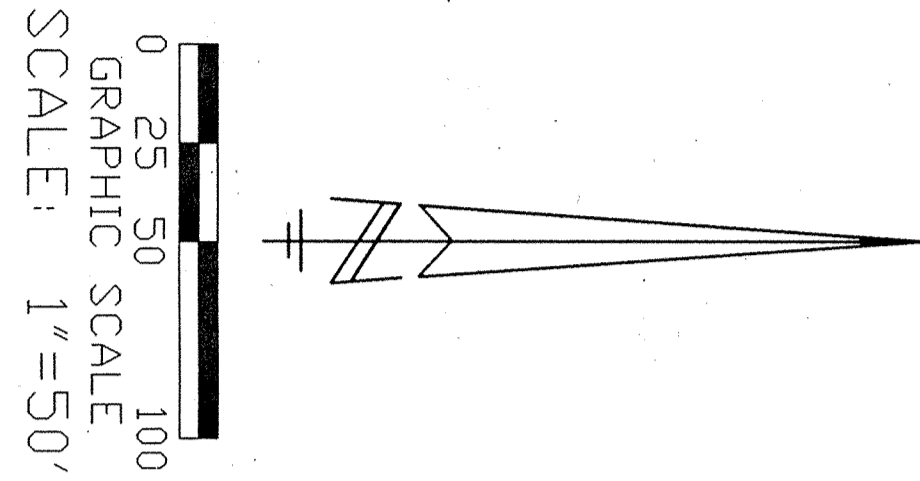
The bond or letter of credit from National City Bank, number #44333 for erosion control and #44306 for storm sewer, dated September 7, 1994 and July 25, 1994, in the amounts of \$12,900.00 and \$114,400 have been released.

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

Sincerely,

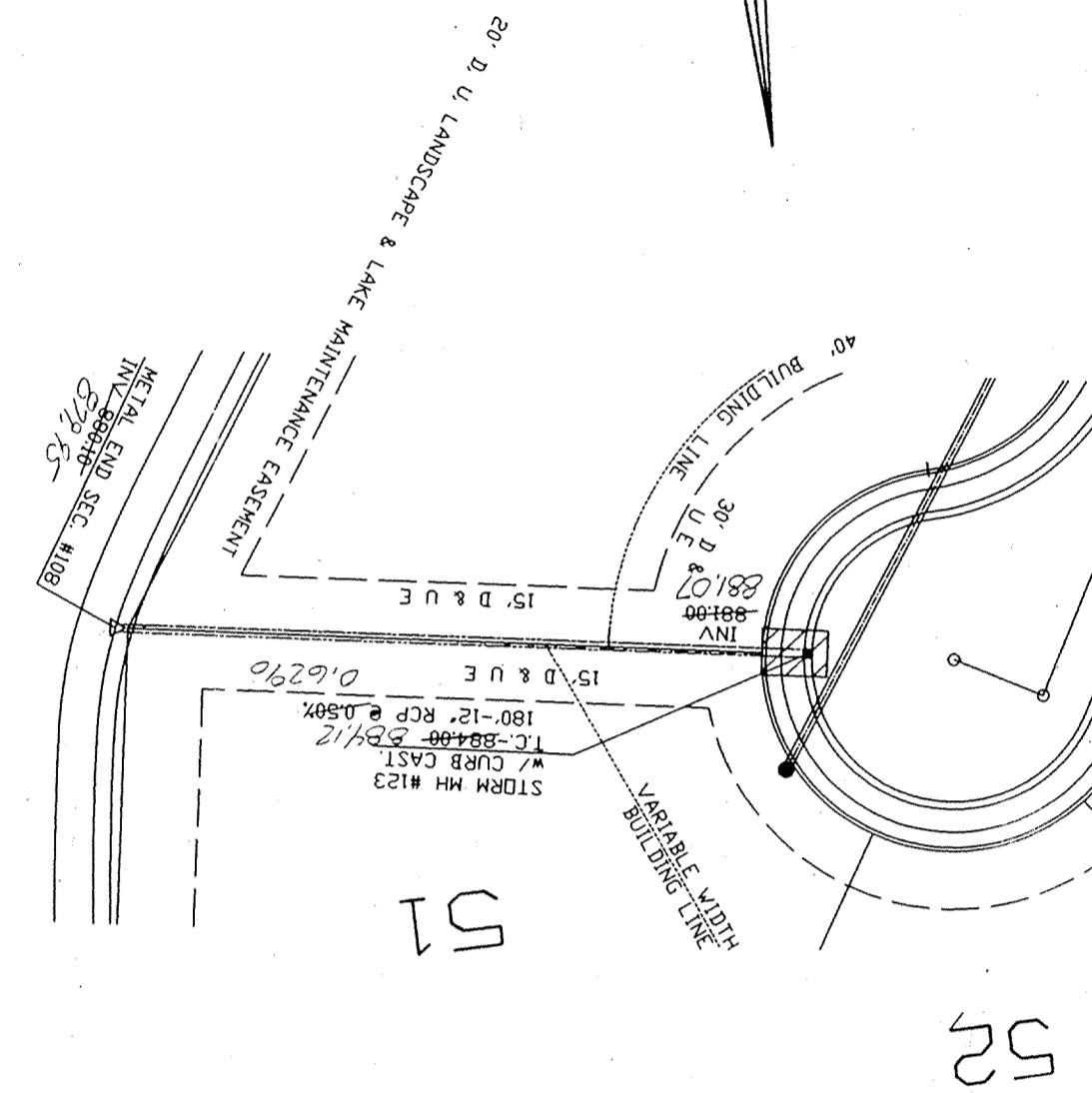
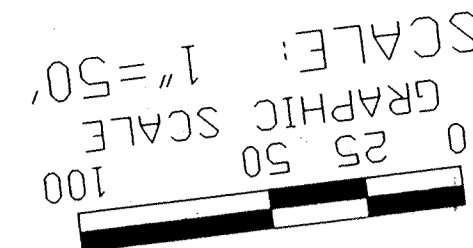

Kenton C. Ward
Hamilton County Surveyor

KCW/ndw

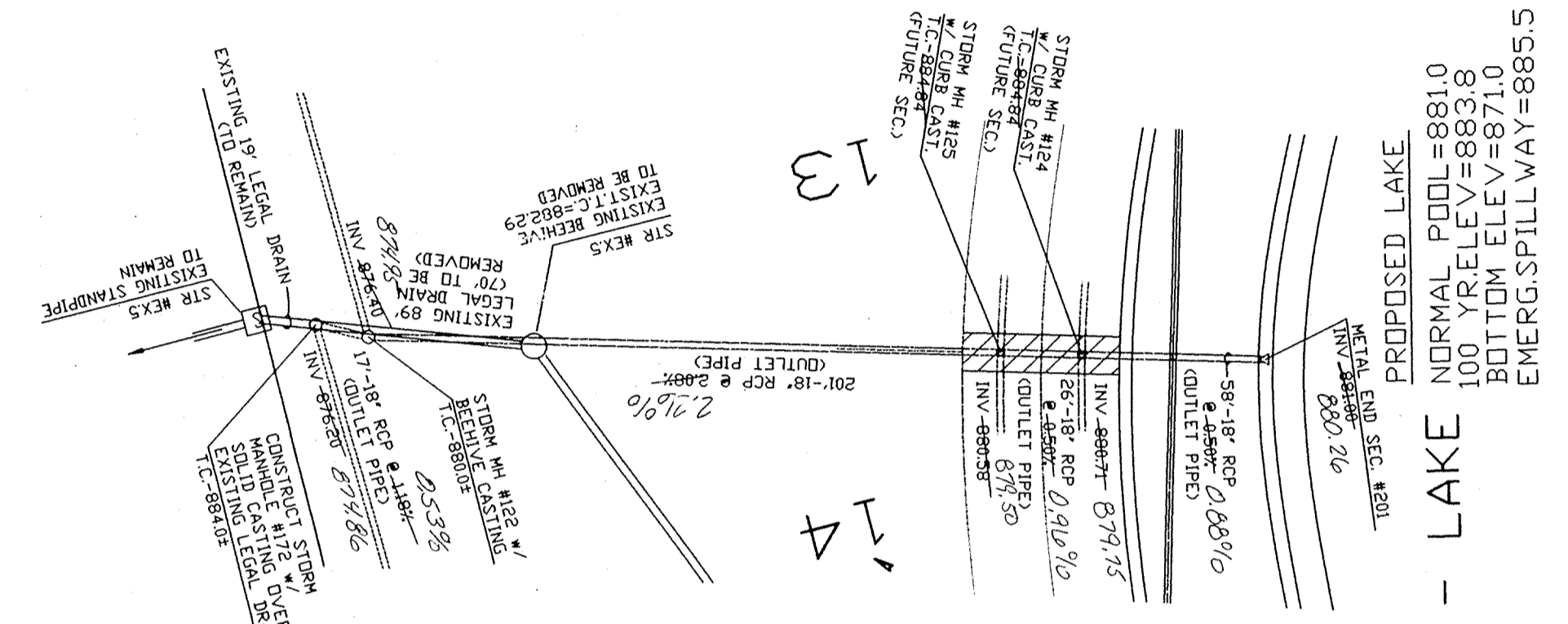
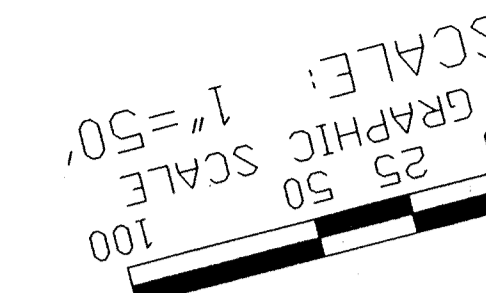


PREPARED FOR:
KINGSMILL DEVELOPMENT CORP.
Carmel, Indiana
Steven A. Wilson - 846-2555
Richard J. Carriger - 846-9221

PREPARED BY:
WEIHE ENGINEERS, Inc.
10505 N. College Ave.
Indianapolis, Indiana 46280
Telephone: 846-6611



BENCHMARK BM
1) P.K. NAIL SET IN C/L OF 106TH STREET 12.2' SOUTH OF P.V.P.M. 131-A AT THE SOUTHEAST CORNER OF PROPERTY. ELEVATION=887.99
2) P.K. NAIL SET IN C/L OF 106TH STREET 14.9' SOUTH OF P.V.P.M. 1130-A AT THE SOUTHWEST CORNER OF PROPERTY. ELEVATION=893.32



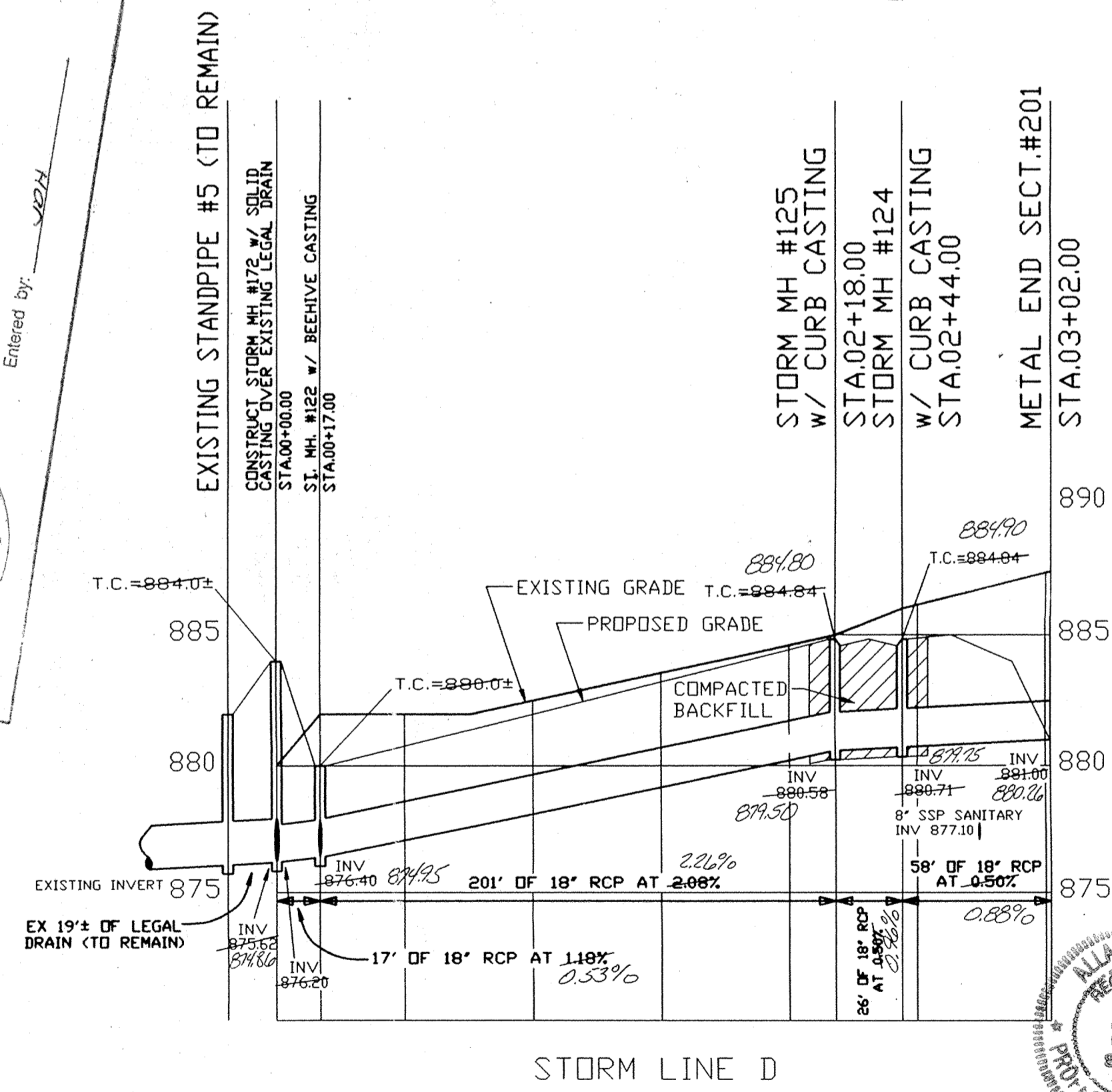
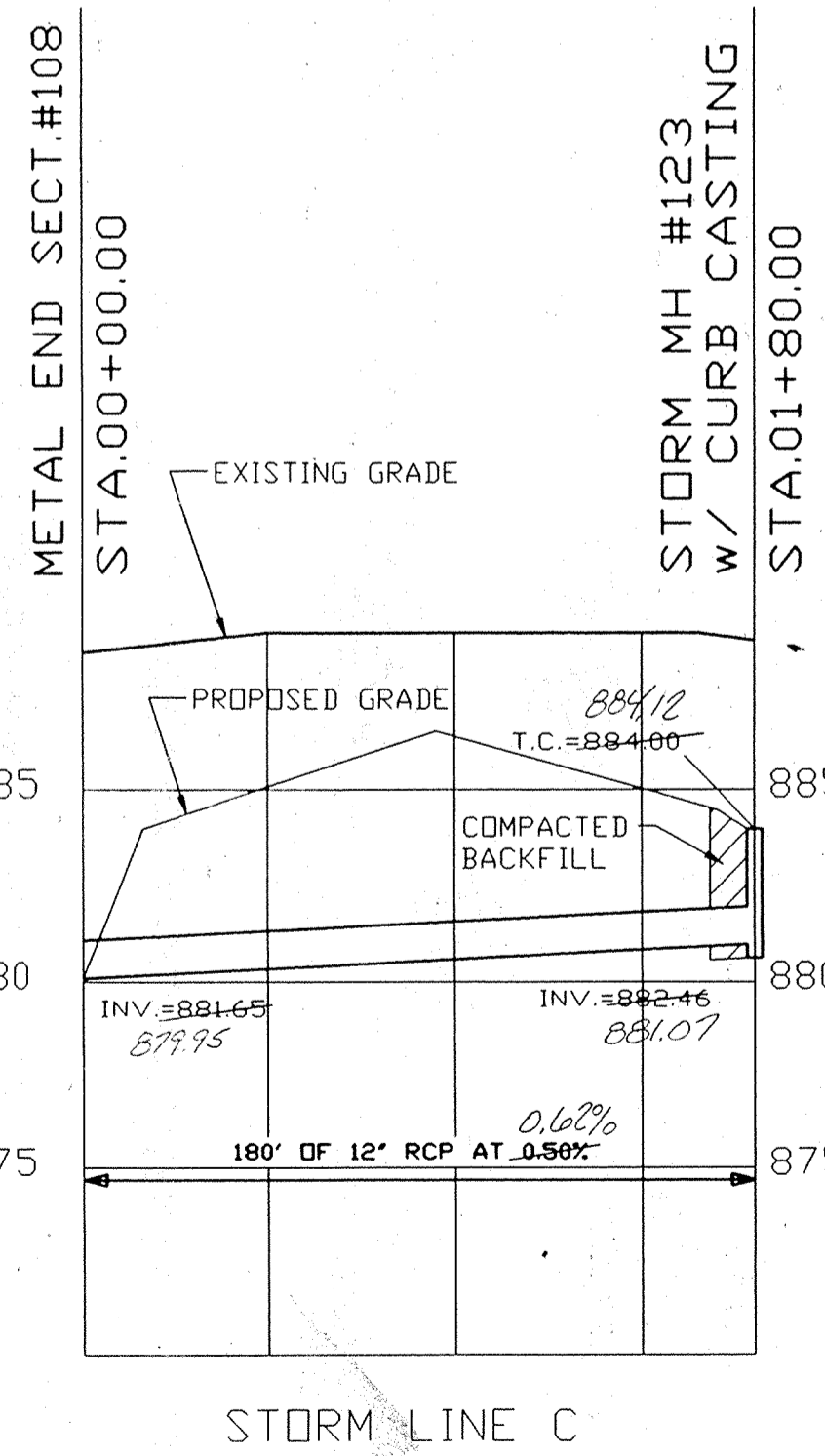
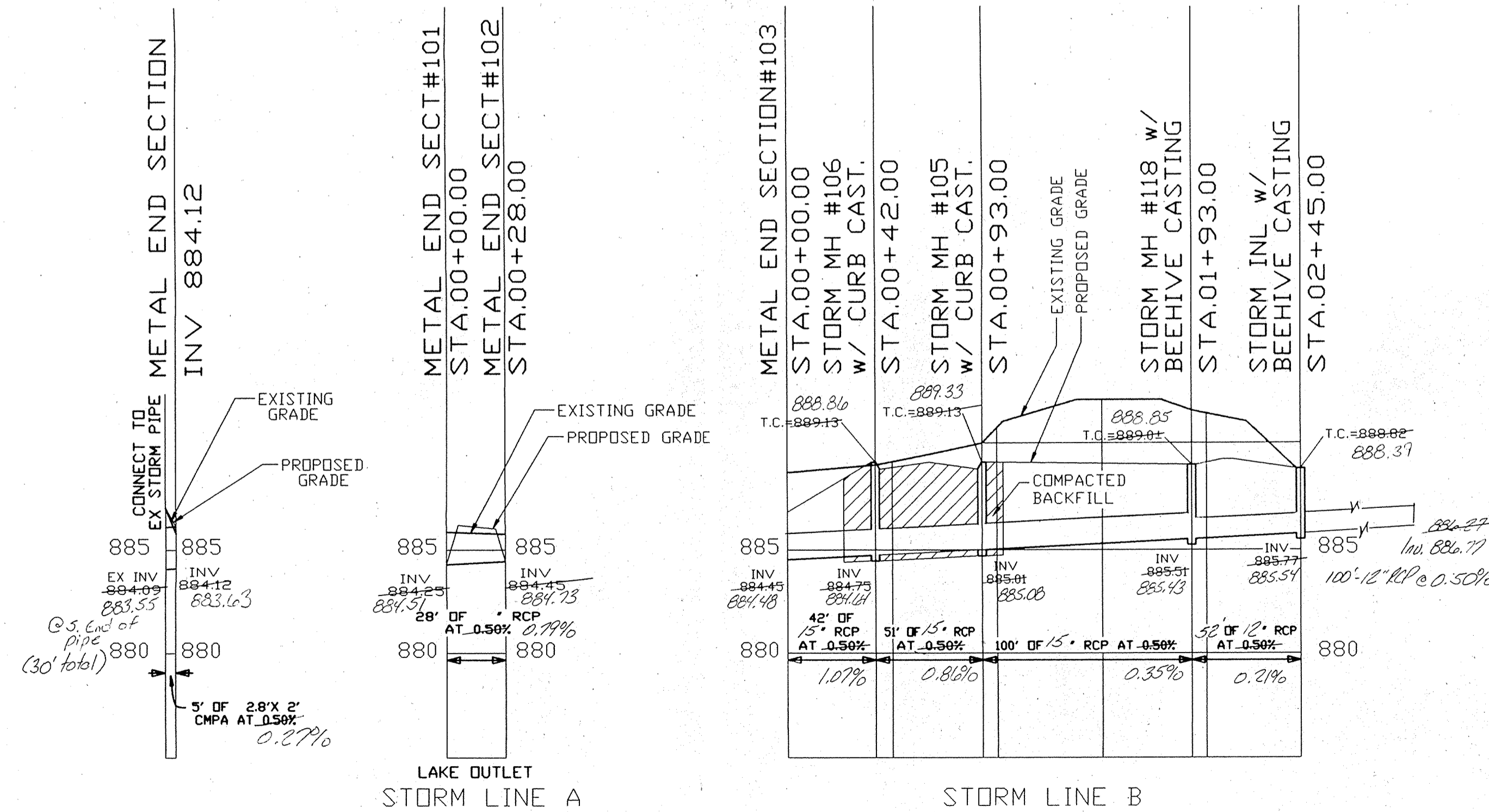
PROPOSED LAKE
NORMAL POOL=881.0
100 YR.ELEV.=883.8
BOTTOM ELEV.=871.0
EMERG.SPILLWAY=885.5

STORM SEWER PLANS

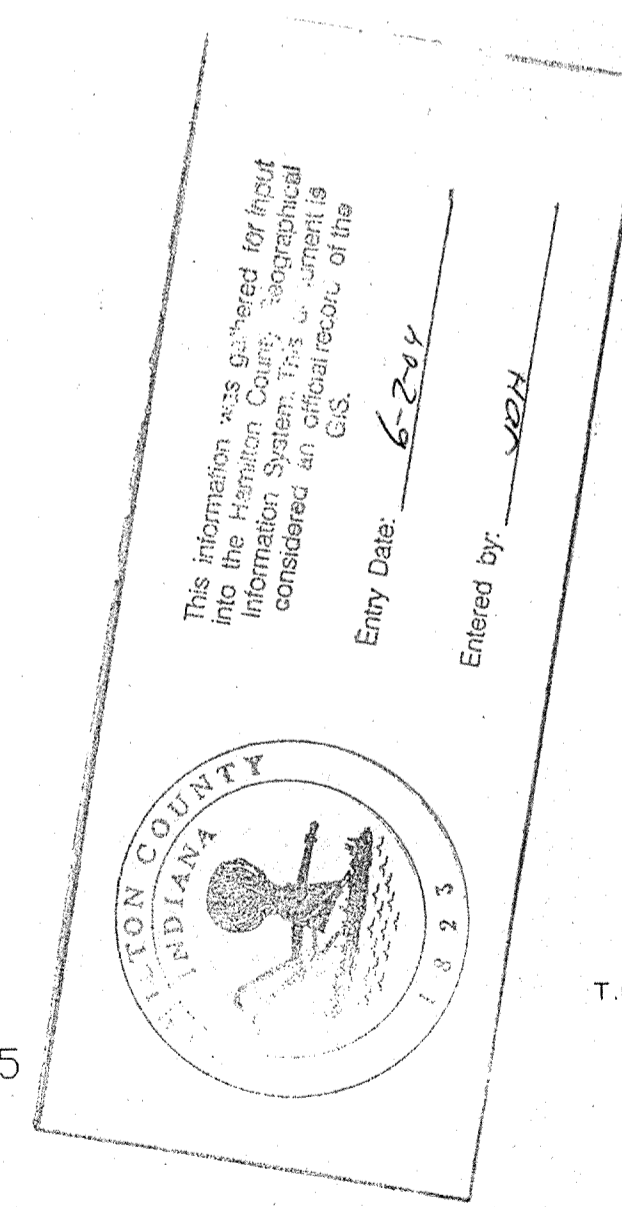
SCALE:1" = 50' Horiz.
SCALE:1" = 5' Vert.

RECORD DRAWING* STORM SEWERS
T.C.'S, INVERTS, PERCENTAGES
FEBRUARY 28, 1995

ALLAN H. WEIHE
REGISTERED PROFESSIONAL ENGINEER
NO. 8827
STATE OF INDIANA
ALLAN H. WEIHE, REG. P.E. - INDIANA #8827

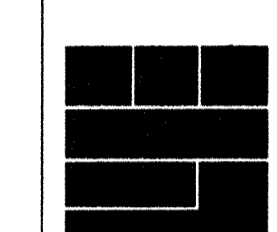


STORM SEWER PROFILES



ALLAN H. WEIHE, P.E., L.S.
PRESIDENT

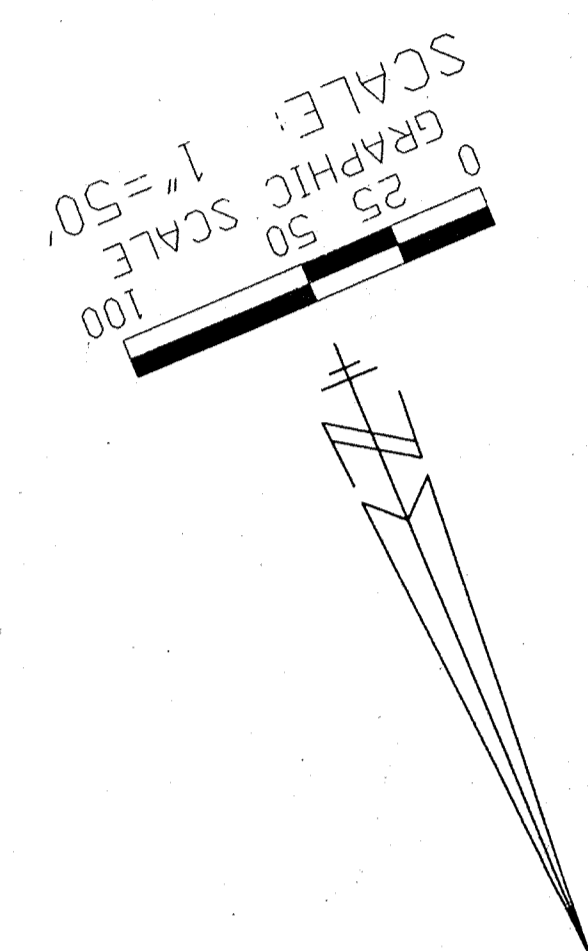
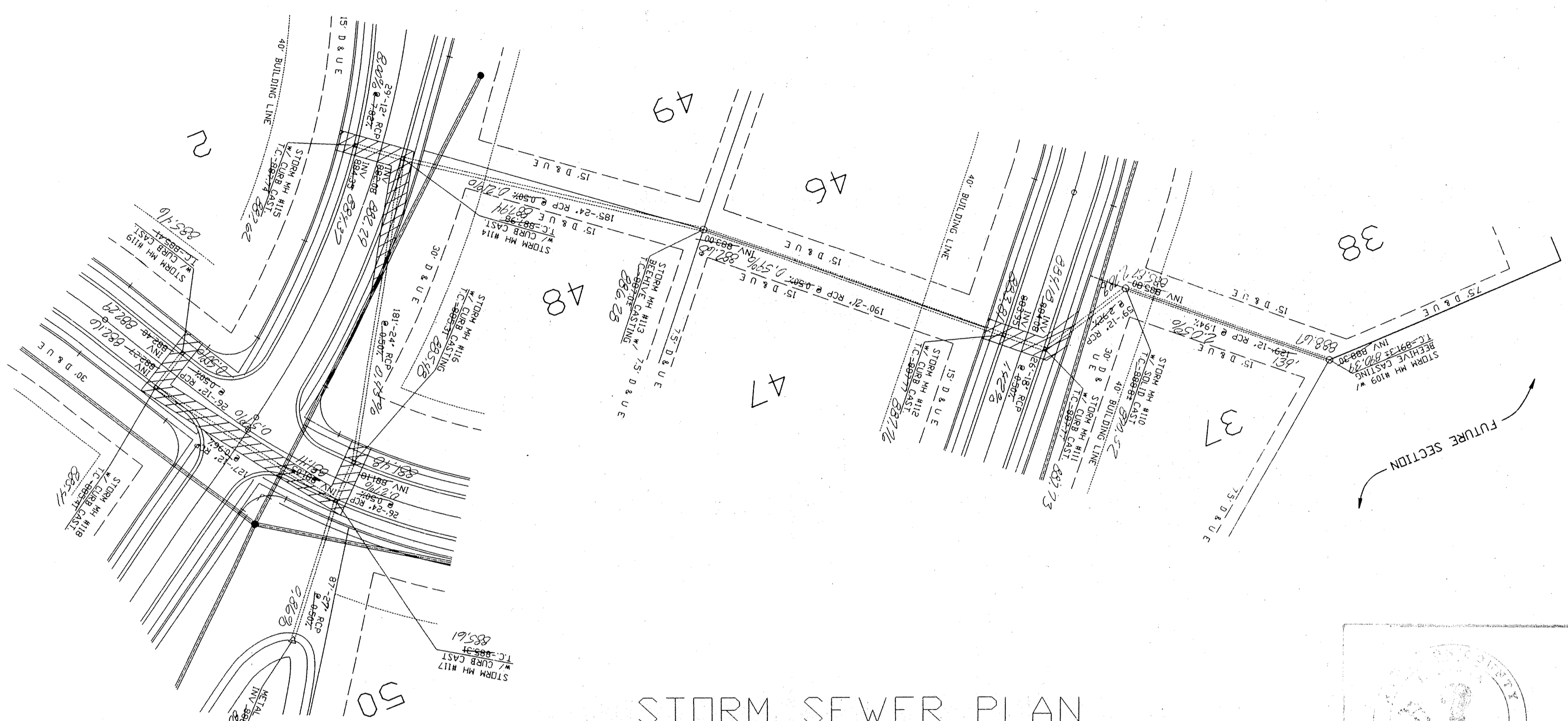
10606 NORTH COLLEGE AVENUE
INDIANAPOLIS, INDIANA 46280
(317) 846-6611



| | | | |
|----------|-----|--------|--------|
| DATE | NO. | BY | CHKD. |
| 11/18/94 | 03 | A.H.W. | A.H.W. |
| DATE | NO. | BY | CHKD. |
| 01-07-94 | | | |

PREPARED FOR:
The Kingsmill Development Corp.
Carmel, Indiana

BENCHMARK BM
 1) P.K. NAIL SET IN C/L OF 106TH STREET 12' SOUTH OF P.V.P. #131-A AT THE SOUTHEAST CORNER OF PROPERTY. ELEVATION=887.99
 2) P.K. NAIL SET IN C/L OF 106TH STREET 14' SOUTH OF P.V.P. #130-A AT THE SOUTHWEST CORNER OF PROPERTY. ELEVATION=893.32



PREPARED FOR:
 KINGSMILL DEVELOPMENT CORP.
 Carmel, Indiana
 Steven A. Wilson - 846-2555
 Richard J. Carriger - 846-9221

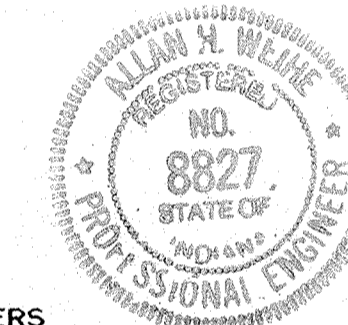
PREPARED BY:
 WEIHE ENGINEERS, Inc.
 10505 N. College Ave.
 Indianapolis, Indiana 46280
 Telephone: 846-6611

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

Entered by: JMH

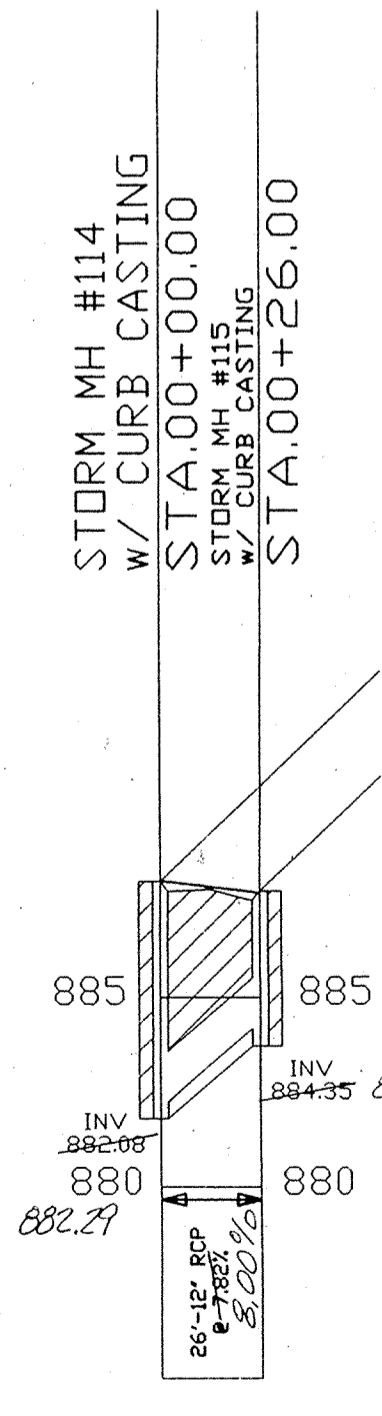
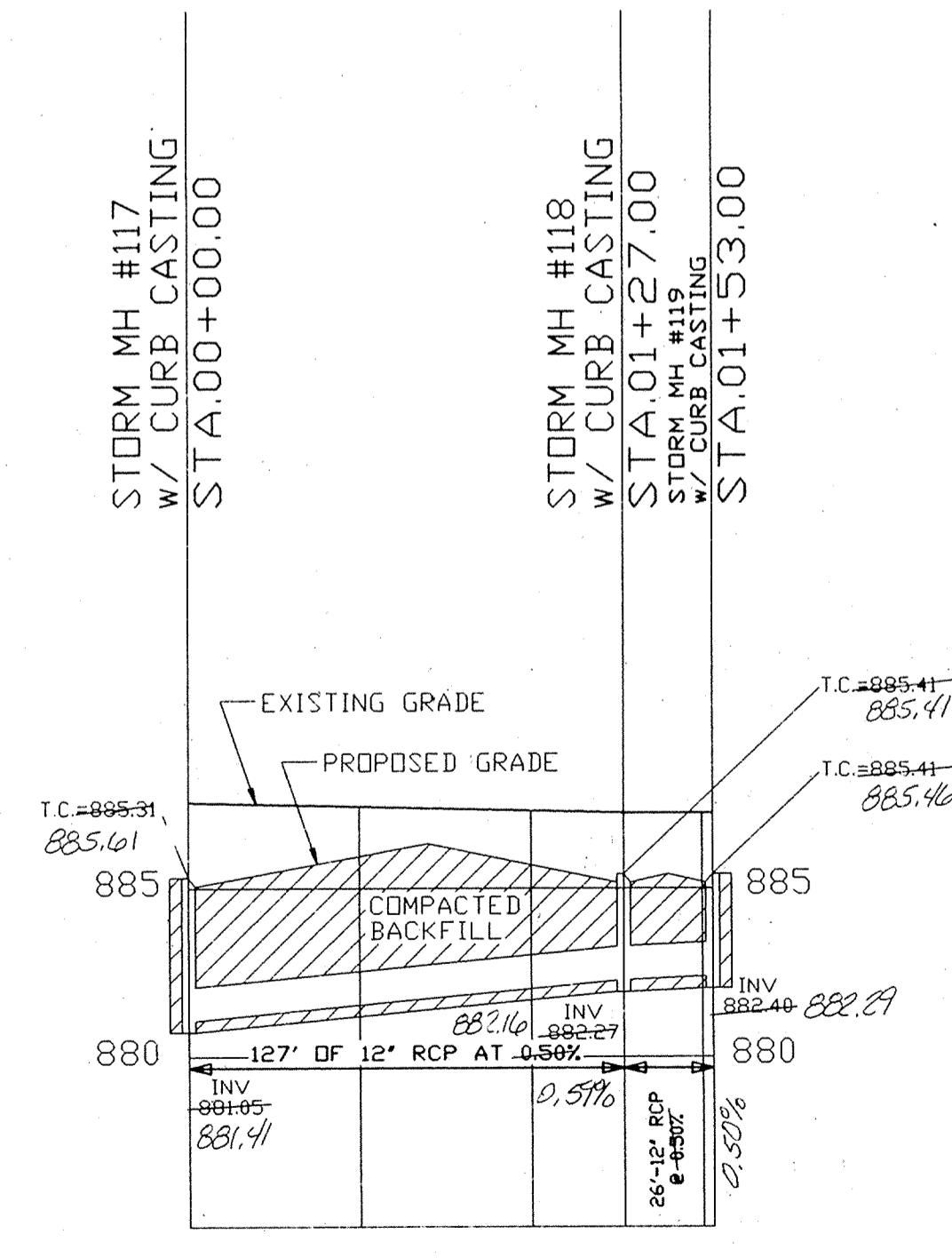
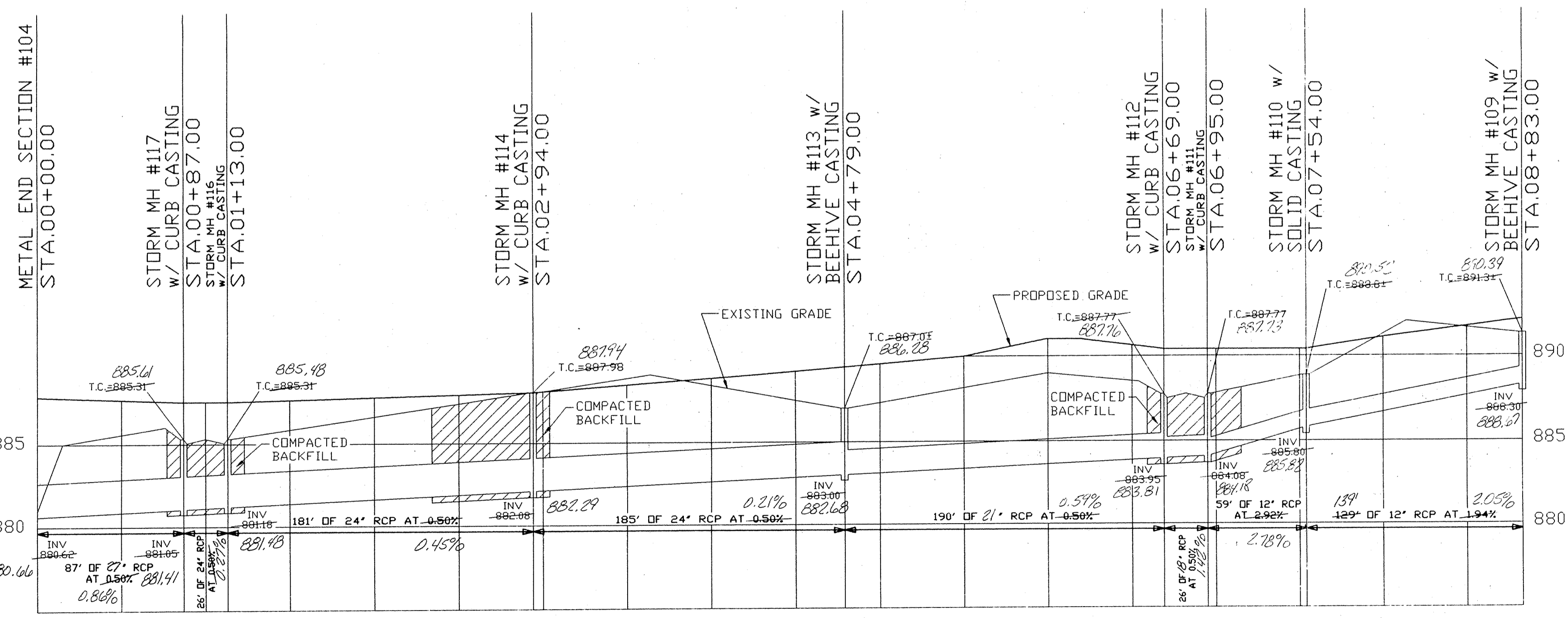
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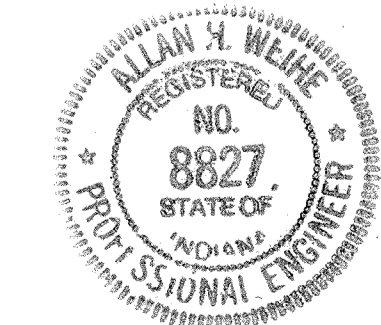


"RECORD DRAWING" STORM SEWERS
 T.C.'S, INVERTS, PERCENTAGES
 FEBRUARY 28, 1995

Allan H. Weihe
 ALLAN H. WEIHE, REG. P.E. - INDIANA #8827



STORM SEWER PROFILES



Allan H. Weihe
 ALLAN H. WEIHE-REG P.E.-IN #8827

WEIHE ENGINEERS, INC.
 10505 N. COLLEGE AVENUE
 INDIANAPOLIS, INDIANA 46280
 (317) 846-6611
 LAND PLANNERS
 CIVIL ENGINEERS

DATE: 4/18/99
 BY: JMH
 DRAWN BY: MLL
 CHECKED BY: JMH
 DATE: 01-13-94

REVISIONS:
 Storm Pipe Revision

NO. 8827
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

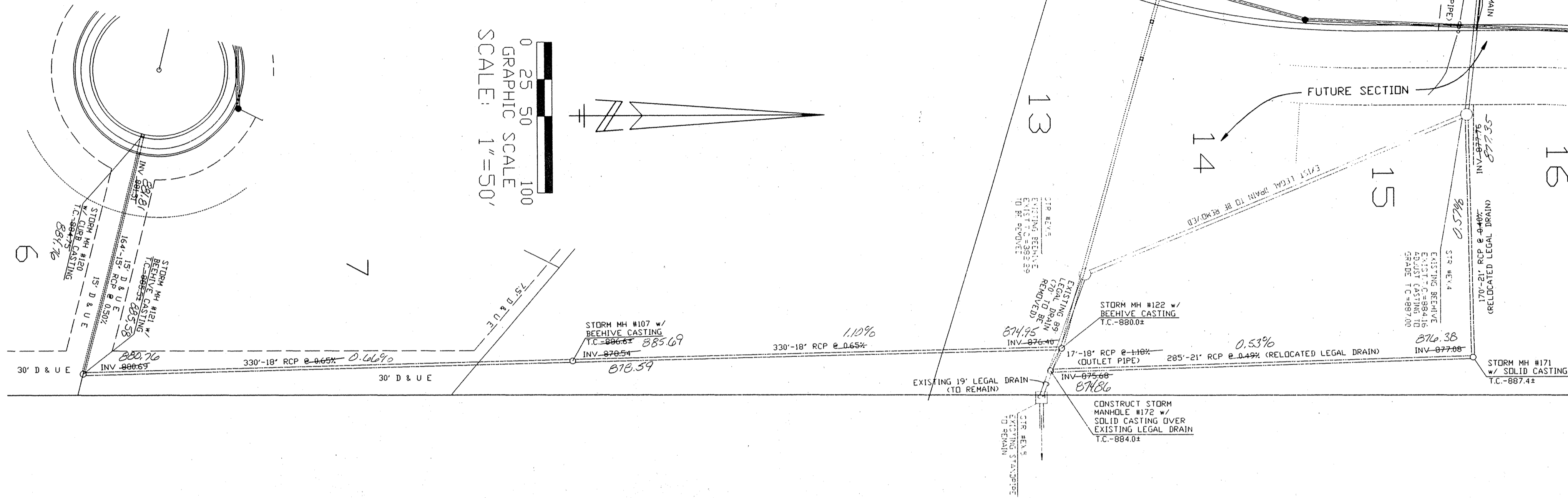
PREPARED FOR:
 The Kingsmill Development Corp.
 Carmel, Indiana

SHEET NO. 12 OF 18

STORM SEWER PLAN & PROFILE SHEET - Kingsmill

PROPOSED LAKE
 NORMAL POOL=881.0
 100 YR.ELEV=883.8
 BOTTOM ELEV=871.0
 EMERG.SPILLWAY=885.5

BLOCK C - LAKE



1) P.K. NAIL SET IN C/L OF 106TH STREET 12.8' SOUTH OF P.W.P. 131-A AT THE SOUTHEAST CORNER OF PROPERTY. ELEVATION=887.99

2) P.K. NAIL SET IN C/L OF 106TH STREET 14.8' SOUTH OF P.W.P. 1130-A AT THE SOUTHWEST CORNER OF PROPERTY. ELEVATION=893.32

PREPARED FOR:
 KINGSMILL DEVELOPMENT CORP.
 Carmel, Indiana
 Steven A. Wilson - 846-2555
 Richard J. Carriger - 846-9221

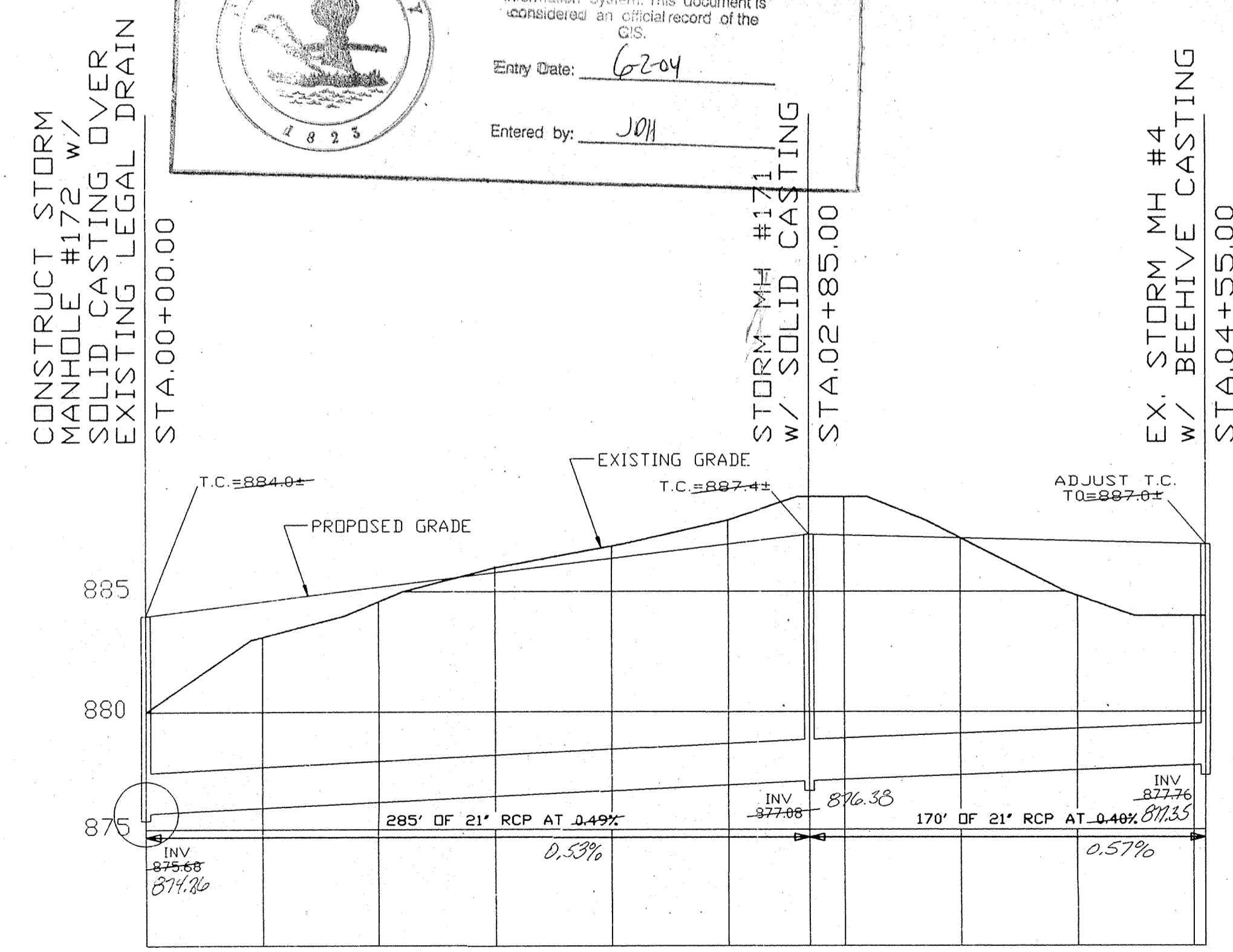
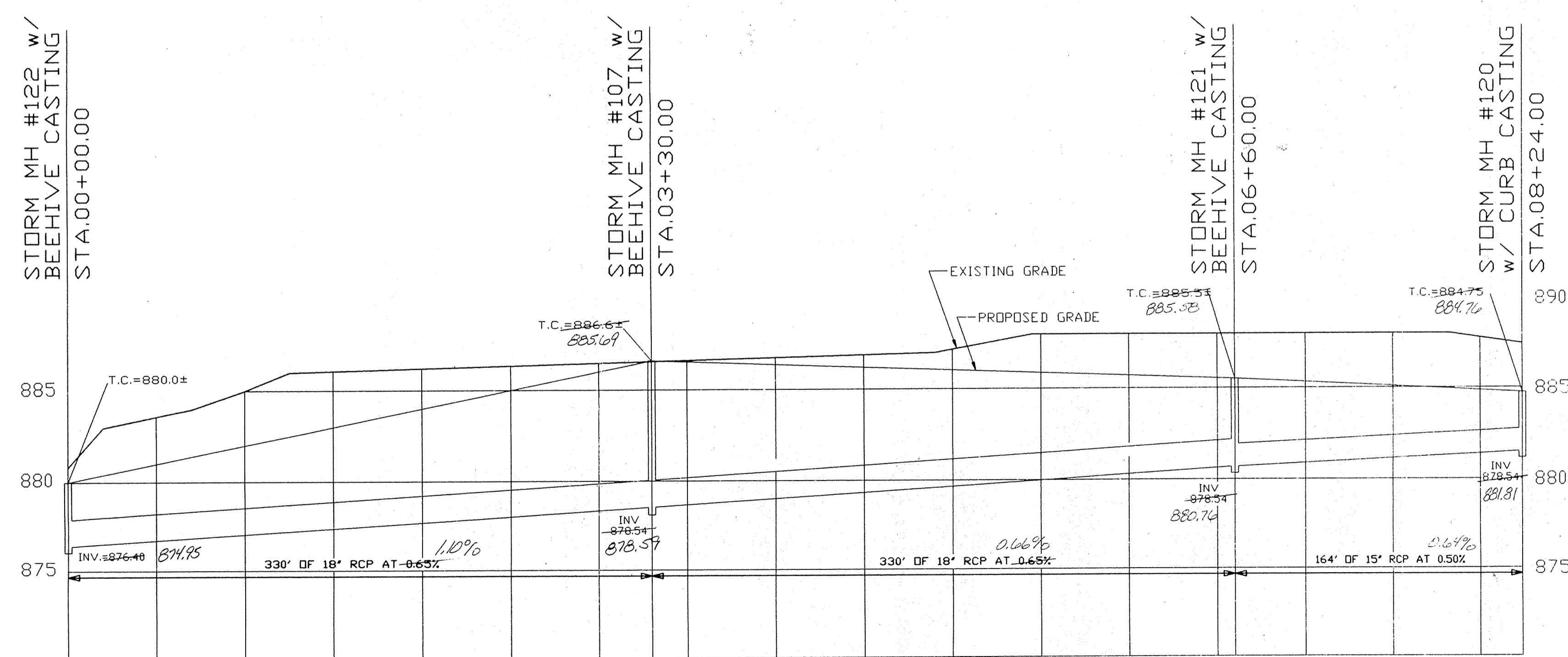
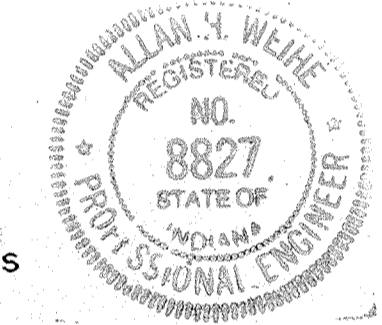
PREPARED BY:
 WEIHE ENGINEERS, Inc.
 10505 N. College Ave.
 Indianapolis, Indiana 46280
 Telephone: 846-6611

STORM SEWER PLAN

SCALE: 1" = 50' Horiz.
 SCALE: 1" = 5' Vert.

"RECORD DRAWING" STORM SEWERS
 T.C.'S, INVERTS, PERCENTAGES
 FEBRUARY 28, 1995

Allan H. Weihe
 ALLAN H. WEIHE, REG. P.E. - INDIANA #8827

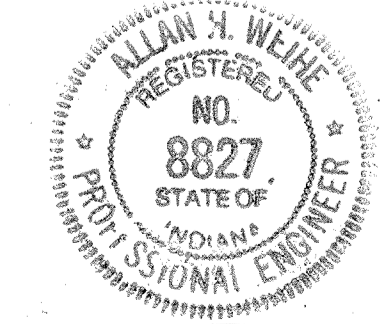


STORM SEWER PROFILES

Hamilton County, Indiana seal and GIS information box.

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: 6-2-04
 Entered by: J01



Allan H. Weihe
 ALLAN H. WEIHE-REG P.E.-IN #8827

WEIHE ENGINEERS, INC.
 10505 NORTH COLLEGE AVENUE
 INDIANAPOLIS, INDIANA 46280
 (317) 846-6611

LAND PLANNERS
 CIVIL ENGINEERS

JOB NO. 93-1322
 DRAWN BY: M.L.T.
 CHECKED BY:
 DATE: 01-13-94

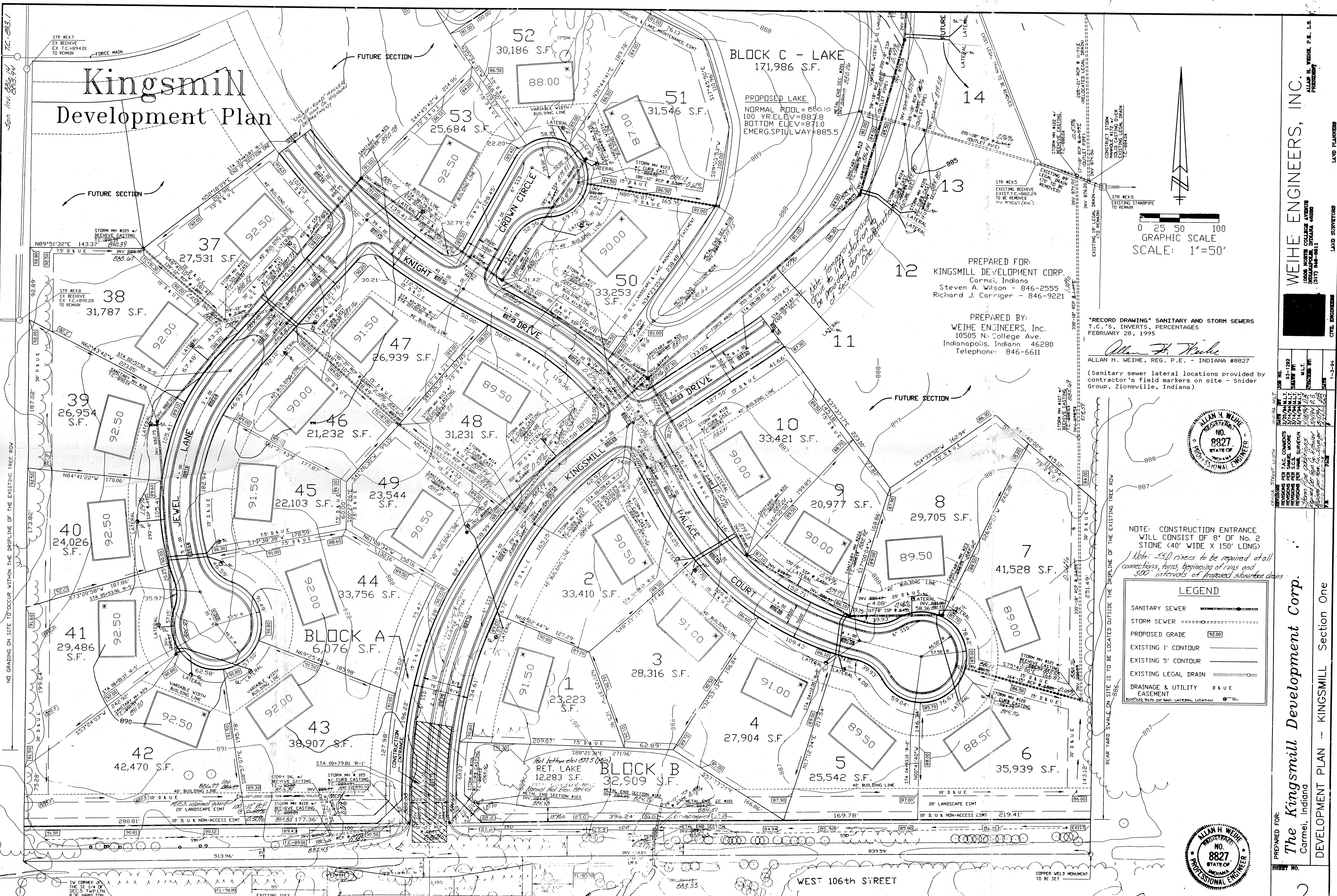
REVISIONS

PREPARED FOR:
 The Kingsmill Development Corp.
 Carmel, Indiana

STORM SEWER PLAN & PROFILE SHEET - Kingsmill

SHEET NO. 13
 OF 18

Kingsmill Development Plan



BLOCK C - LAKE
171,986 S.F.

PROPOSED LAKE
NORMAL POOL=860.10
100 YR.ELEV=883.8
BOTTOM ELEV=871.0
EMERG.SPILLWAY=885.5

BLOCK A
6,076 S.F.

BLOCK B
12,283 S.F.

NOTE: CONSTRUCTION ENTRANCE WILL CONSIST OF 8" OF NO. 2 STONE (40' WIDE X 150' LONG)
Note: 330' risers to be required at all connections, turns, beginning of runs and 300' intervals of proposed manhole chains

| LEGEND | |
|-----------------------------|---------|
| SANITARY SEWER | —●—●—●— |
| STORM SEWER | —●—●—●— |
| PROPOSED GRADE | (92.00) |
| EXISTING 1' CONTOUR | — |
| EXISTING 5' CONTOUR | — |
| EXISTING LEGAL DRAIN | —○— |
| DRAINAGE & UTILITY EASEMENT | D & U |

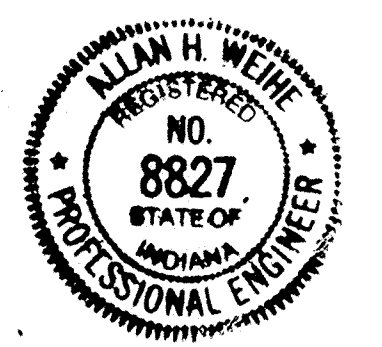
0 25 50 100
GRAPHIC SCALE
SCALE: 1"=50'

PREPARED FOR:
KINGSMILL DEVELOPMENT CORP.
Carmel, Indiana
Steven A. Wilson - 846-2555
Richard J. Carriger - 846-9221

PREPARED BY:
WEIHE ENGINEERS, Inc.
10505 N. College Ave.
Indianapolis, Indiana 46280
Telephone: 846-6611

"RECORD DRAWING" SANITARY AND STORM SEWERS
T.C.'s, INVERTS, PERCENTAGES
FEBRUARY 28, 1995

Allan H. Weihe
ALLAN H. WEIHE, REG. P.E. - INDIANA #8827
(Sanitary sewer lateral locations provided by contractor's field markers on site - Snider Group, Zionsville, Indiana)



WEIHE ENGINEERS, INC.
10505 N. COLLEGE AVE.
INDIANAPOLIS, INDIANA 46280
(317) 846-6611

LAND PLANNERS
LAND SURVEYORS
CIVIL ENGINEERS

PREPARED FOR:
The Kingsmill Development Corp.
Carmel, Indiana

DEVELOPMENT PLAN - KINGSMILL Section One

NO. 8827
STATE OF INDIANA
PROFESSIONAL ENGINEER

NO. 8827
STATE OF INDIANA
PROFESSIONAL ENGINEER

2

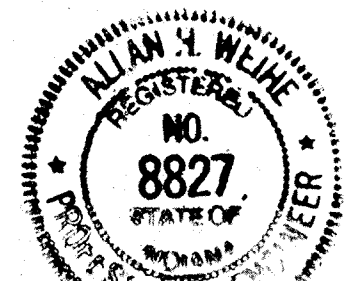
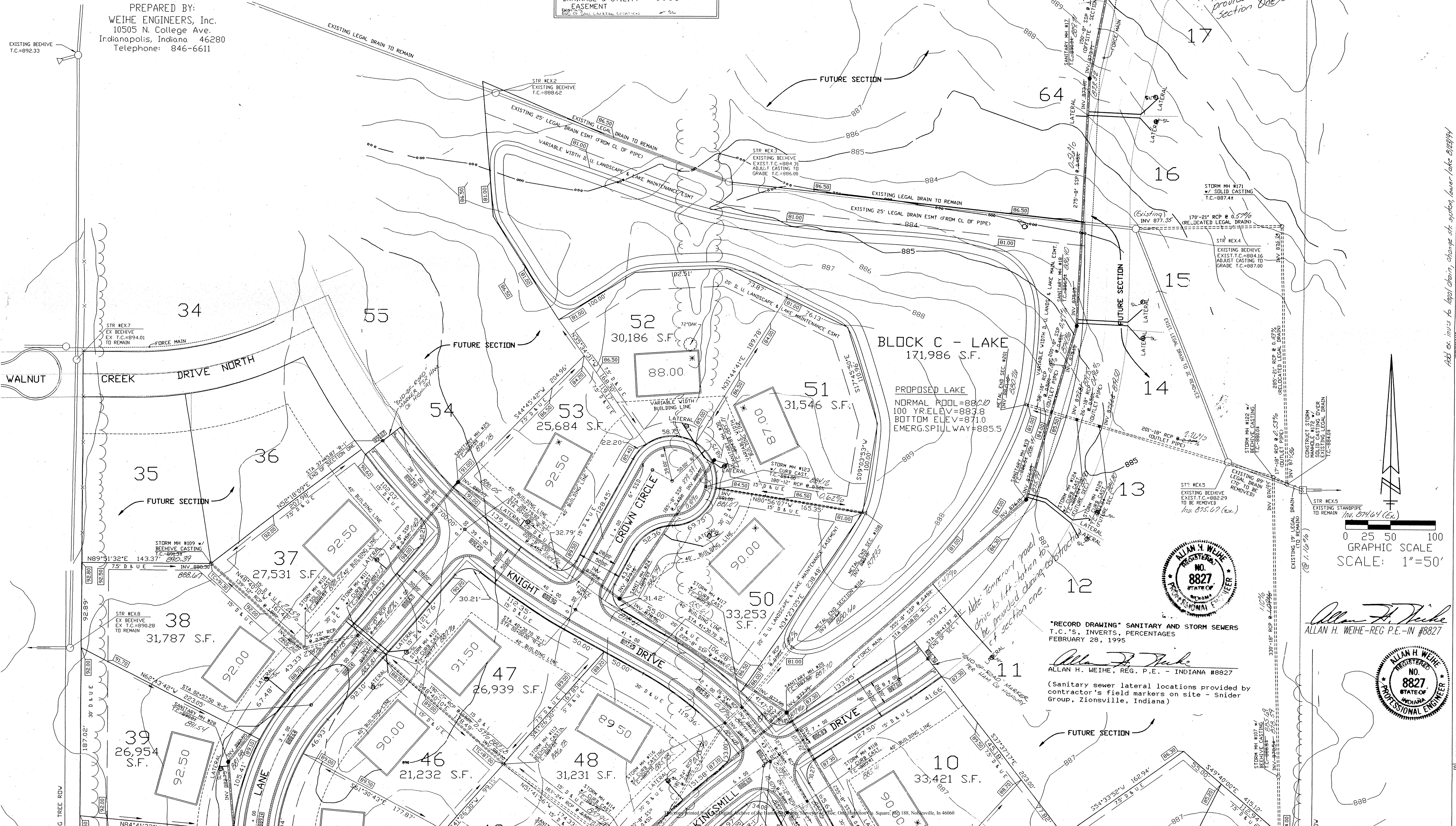
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Kingsmill Development Plan

PREPARED FOR:
KINGSMILL DEVELOPMENT CORP.
 Carmel, Indiana
 Steven A. Wilson - 846-2555
 Richard J. Carriger - 846-9221

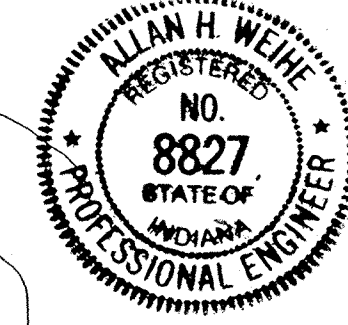
PREPARED BY:
WEIHE ENGINEERS, Inc.
 10505 N. College Ave.
 Indianapolis, Indiana 46280
 Telephone: 846-6611

| LEGEND | |
|-----------------------------|-------|
| SANITARY SEWER | —●— |
| STORM SEWER | —○— |
| PROPOSED GRADE | 92.00 |
| EXISTING 1' CONTOUR | — |
| EXISTING 5' CONTOUR | — |
| EXISTING LEGAL DRAIN | — |
| DRAINAGE & UTILITY EASEMENT | D & U |



"RECORD DRAWING" SANITARY AND STORM SEWERS
 T.C.'S, INVERTS, PERCENTAGES
 FEBRUARY 28, 1995
 Allan H. Weihe
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0 25 50 100
 GRAPHIC SCALE
 SCALE: 1"=50'



Allan H. Weihe
 ALLAN H. WEIHE-REG P.E.-IN #8827

Construction of gravel access to lift station shall be provided during Section One development.

Note: Temporary gravel drive to lift station to be provided during construction of section one.

Add ex. in. to legal drain, storm sewer, sewer lake 8/29/94

WEIHE ENGINEERS, INC.
 10505 NORTH COLLEGE AVENUE
 INDIANAPOLIS, INDIANA 46280
 (317) 846-6611

LAND PLANNERS
 CIVIL ENGINEERS
 LAND SURVEYORS

DATE: 2/28/95
 JOB NO.: 93-1292
 DRAWN BY: M.L.T.
 CHECKED BY: M.L.T.
 DATE: 1-3-94

PREPARED FOR:
The Kingsmill Development Corp.
 Carmel, Indiana

DEVELOPMENT PLAN - KINGSMILL Section One

SHEET NO. 3