

Drain: LEGENDS AT GEIST DRAIN **Drain #:** 257
Improvement/Arm: SPYGLASS HILL-SECTION 4
Operator: JDH **Date:** 1-14-04
Drain Classification: Urban/Rural **Year Installed:** 1993

GIS Drain Input Checklist

- Pull Source Documents for Scanning JDH 1-14
- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains JDH 1-14
- Digitize & Attribute SSD JDH 1-14
- Digitize & Attribute Open Ditch N/A
- Stamp Plans JDH 1-14
- Sum drain lengths & Validate JDH 1-14
- Enter Improvements into Posse JDH 1-14
- Enter Drain Age into Posse _____
- Sum drain length for Watershed in Posse _____
- Check Database entries for errors JDH 1-14

Gasb 34 Footages for Historical Cost
Drain Length Log

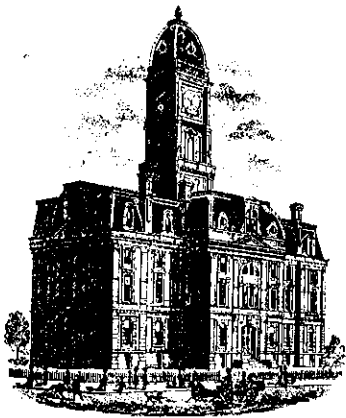
Drain-Improvement: LEGENDS AT GEIST DRAIN - SPYGLASS HILL - SECTION 1

| Drain Type: | Size: | Length (<small>SUR 16-75-25</small> <small>PERMITS</small>) | Length (DB Query) | Length Reconcile | If Applicable | |
|-------------|-------|---|----------------------|---------------------|---------------|-------|
| | | | | | Price: | Cost: |
| SSD | 6" | 1680' | 1680' | 0 | | |
| RCP | 12" | 235' | 250' | +15' | | |
| | 15" | 288' | 442' | +154' | | |
| | 18" | 149' | 0 | -149' | | |
| | 24" | 363' | 15' | -348' | | |
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| | | | | | | |

Sum: 2715' 2387' -328'

Final Report: _____

Comments:
SR AND AB DISAGREE FOR LENGTHS OF 12", 15", 18", AND 24" OF PIPE.



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

One Hamilton County Square, Ste. 146

776-9626 776-8495

972 Maple Avenue

Noblesville, Indiana 46060 July 8, 1992

TO: Hamilton County Drainage Board

RE: Legends at Geist Drain-Spy Glass Hill, Section 1 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Legends at Geist Drain, Spy Glass Hill Section 1 Arm. I have reviewed the submittals and petition and have found each to be in proper form.

I have 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 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 | 1680ft | 18" RCP | 149ft |
| 12" RCP | 227ft | 24" RCP | 363ft |
| 15" RCP | 287ft | | |

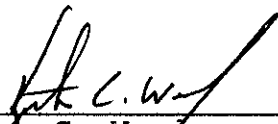
The total length of the drain will be 2706 feet.

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 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:

Lot 9-West line Lots 1-4-East line Lots 10 and 11-North line

I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. 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 assessment for the drain, this section will be \$650⁰⁰. At sometime in the future, this drainage area may also be assessed to the William McKinstry Drain and/or Mud Creek Ditch.

I recommend a hearing be set for September 1992. If nothing is approved, I recommend the Board approve the attached non-enforcement request for Legends at Geist Drain, Spy Glass Hill, Section 1 Arm. I further recommend the Board classify this drain as an Urban Drain.



Kenton C. Ward
Hamilton County Surveyor

KCW/no

**Irrevocable Letter
of Credit**

INB National Bank
One Indiana Square
Indianapolis, Indiana 46266



INB

Date: June 12, 1992lc

SWIFT Address: INBI US 44 Telex Number 205615 Phone: 266-6153

INB NO.
SB 035828

Credit Number Advising Bank No.

Advising Bank

Applicant
Land Innovators Co.
234 S. Franklin Road
Indianapolis, IN 46219

Beneficiary
Hamilton County Commissioners
Hamilton County Courthouse
Noblesville, IN 46060

Amount
USD 50,658.00

Expiration Date
June 30, 1993

We hereby issue in your favor this irrevocable letter of credit which is available against the following documents:

Drafts drawn at-- sight

on INB National Bank, Indianapolis Indiana

bearing the clause; "Drawn under Irrevocable letter of credit No. **SB 035828**

Other documents:

Beneficiary's signed certificate stating that the applicant has failed to construct the necessary drainage improvements at the applicant's Spyglass Hill Subdivision, Section I, in Hamilton County Indiana.

Special Conditions:

SM OF USE 50658000

We hereby engage with You drawers and/or bona fide holders that drafts drawn and negotiated in conformity with the terms of this credit will be duly honored on presentation and that drafts accepted within the terms of this credit will be duly honored at maturity.

The amount of each draft must be endorsed on the reverse of this credit by the negotiating bank.

The Advising Bank is requested to notify the beneficiary without adding their confirmation.

Very truly yours,

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

Advising Bank's Notification

Place/date/name/signature of advising bank.

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: SPYGLASS HILL SECTION 1

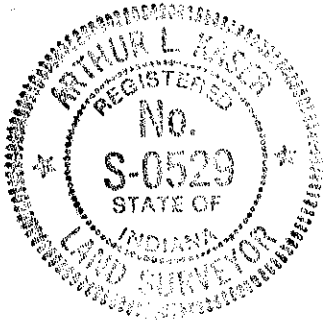
I hereby certify that:

- 1.) I am a Registered Land Surveyor in the State of Indiana,
- 2.) I am familiar with the plans and specifications for the above reference subdivision.
- 3.) I have personally observed and supervised the completion of the Drainage Facilities for the above referenced subdivision and
- 4.) To the best of my knowledge, information and belief, the Drainage Facilities within the subdivision has been installed and completed in conformity with the plans and specifications.

Signature: Arthur L. Kaser Date: November 23, 1994
Type or Printed Name: Arthur L. Kaser
Business Address: 234 S. Franklin Road
Indianapolis, Indiana 46219
Telephone: (317) 353-6161

INDIANA REGISTRATION NUMBER

S0529





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: Legends at Geist Drain-Spyglass Hill, Section 1 Arm

Attached are as-builts, certificate of completion & compliance, and other information for Spyglass Hill 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 July 8, 1992. The changes are as follows:

- STR 1 to 2 12" RCP lengthened from ^{100'}95' feet to 111' feet. ✓
- STR 2 to 3 15" RCP lengthened from 60' feet to 63' feet. ✓
- STR 5 to 10 15" RCP shortened from 287' feet to 285' feet. ✓
- STR 10 to 9 12" RCP lengthened from ~~22'~~34' feet to 34' feet. ✓
- STR 8 to 11 12" RCP shortened from 110' feet to 105' feet. ✓
- STR 5 to 6 originally consisted of ~~140'~~130' feet of 24" RCP and was changed to 127' feet of 21" RCP. ✓
- STR 6 to 7 originally consisted of 27' feet of 24" RCP and was charged to 26' feet of 21" RCP. ✓
- STR 7 to 8 originally consisted of 181' feet of 24" RCP and was changed to 185' feet of 21" RCP. ✓
- STR 3 to 4 orininally consisted of 69' feet of 18" RCP and was changed to 68' feet of 15" RCP. ✓
- STR 4 to 5 originally consisted of 20' feet of 18" RCP and was changed to 26' feet of 15" RCP. ✓

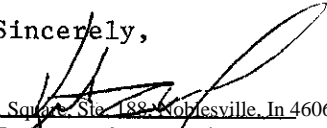
The length of the drain due to the changes described above is now 2725 feet.

The non-enforcement was approved by the Board at its meeting on September 21, 1992.

The bond or letter of credit from INB, number #035828, dated June 30, 1993, in the amount of \$50,658.00, has been released.

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

Sincerely,


Kenton C. Ward
Hamilton County Surveyor

Page #2

The non-enforcement was approved by the Board at its meeting on September 21, 1992.

The bond or letter of credit from INB, number #0355828, dated June 30, 1993, in the amount of \$50,658.00, has been released.

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

Kenton C. Ward
Hamilton County Surveyor
KCW/no

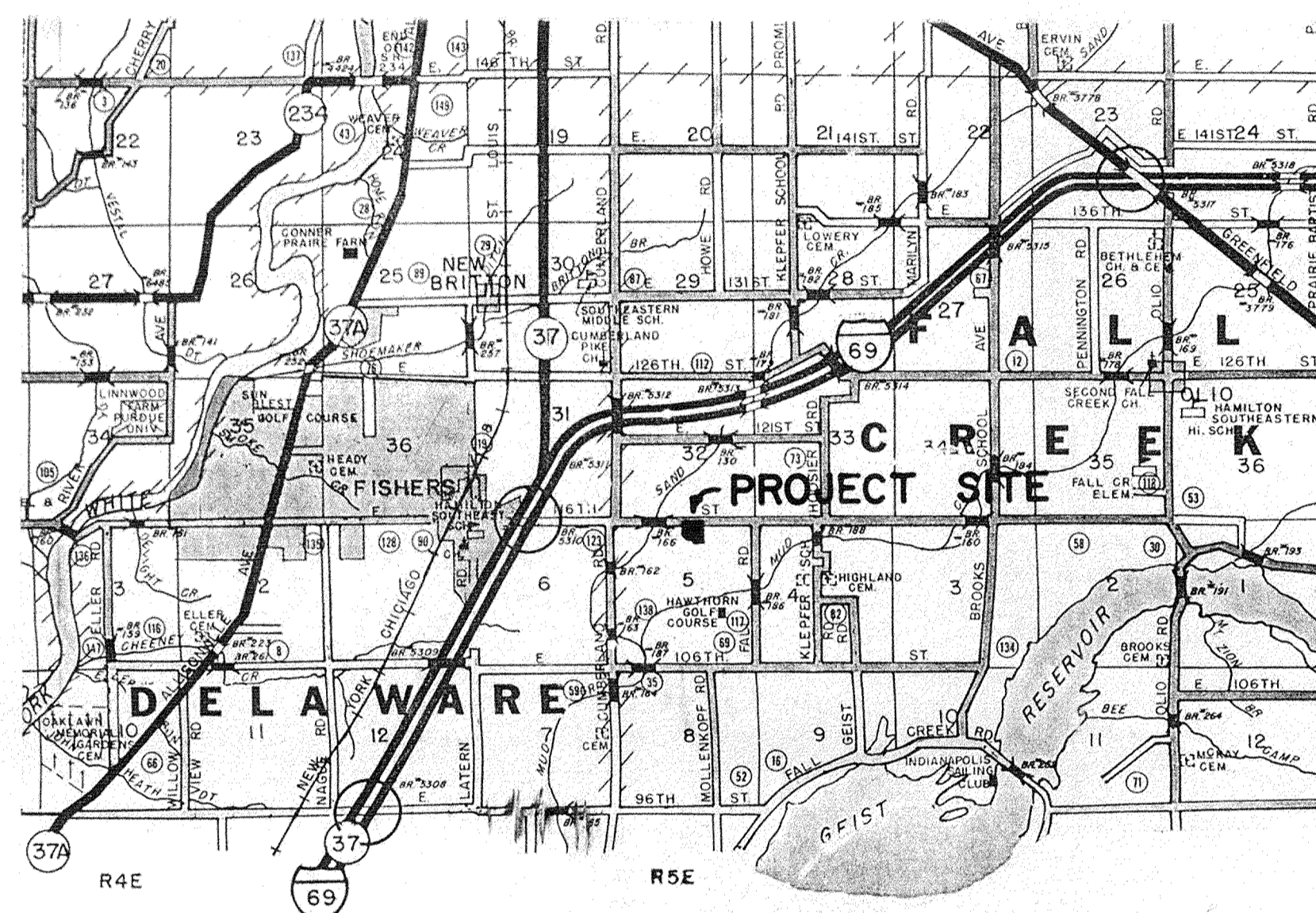
CONSTRUCTION PLANS FOR SPYGLASS HILL – SECTION 1 in THE LEGENDS AT GEIST

FALL CREEK TOWNSHIP, HAMILTON COUNTY, INDIANA

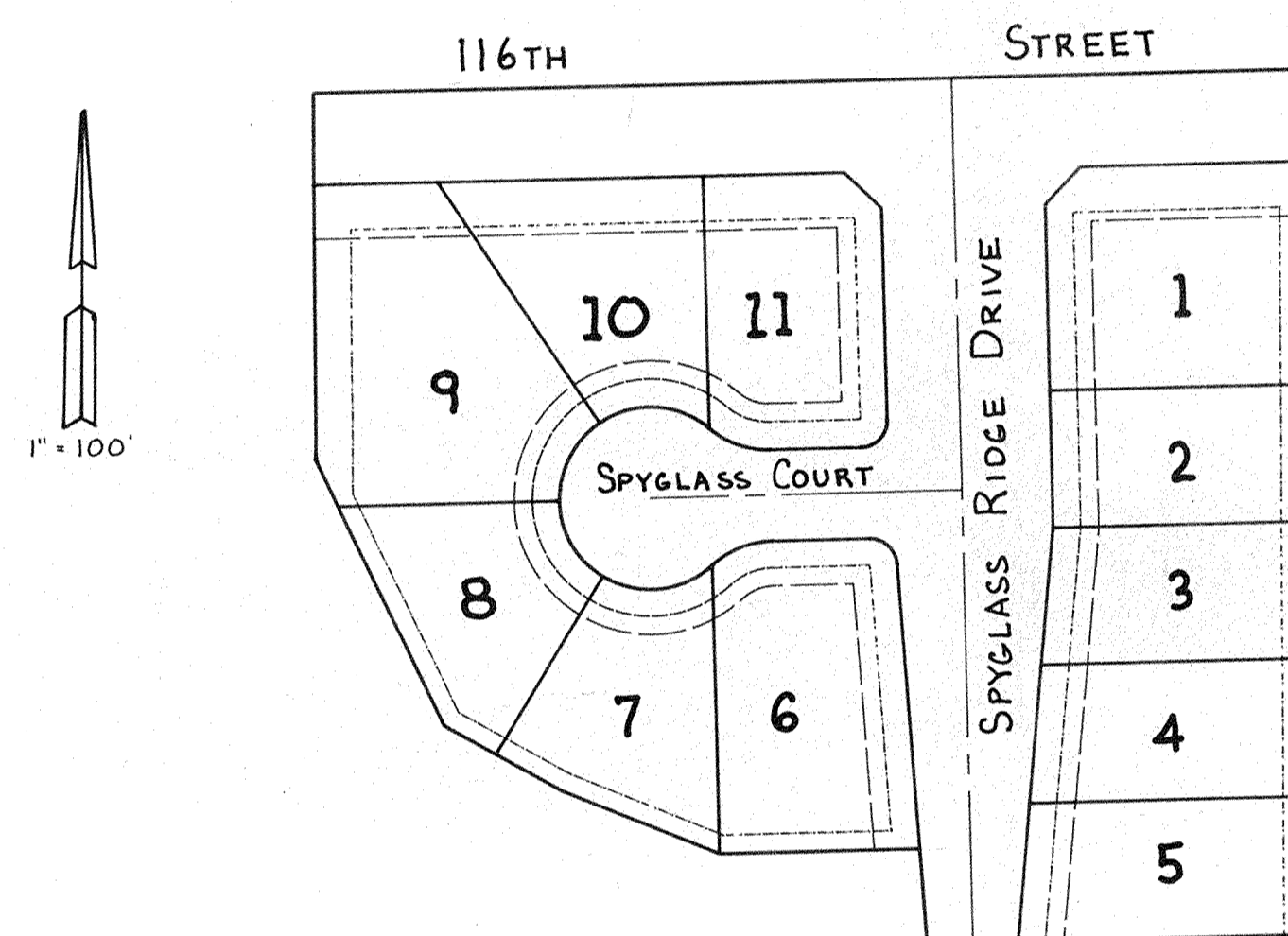
DESIGN DATA

No. of Lots = 11
Area = 5.214 ac.
Density = 2.11 lots/ac.

Spyglass Ridge Drive = 471.63 ft. (0.0893 mi.)
Spyglass Court = 170.83 ft. (0.0324 mi.)
TOTAL = 642.46 ft. (0.1217 mi.)



LOCATION MAP



INDIANA DEPARTMENT OF HIGHWAYS
STANDARD SPECIFICATIONS LATEST EDITION
TO BE USED WITH THESE PLANS

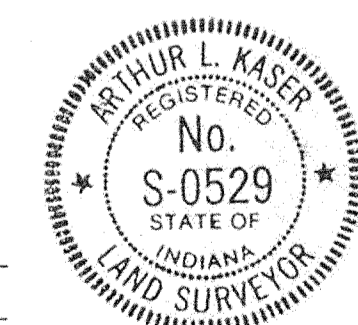
PREPARED FOR :
LAND INNOVATORS CO., INC.
234 S. Franklin Road
Indianapolis, Indiana 46219

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: 1-14-04
Entered by: JCH

PREPARED BY :
ARTHUR L. KASER
PROFESSIONAL LAND SURVEYOR
IND. REG. NO. S0529

CERTIFIED BY : Arthur L. Kaser
DATE : Nov. 8, 1991



INDEX

| No. | DESCRIPTION | No. | DATE | DESCRIPTION |
|-----|---|-----|----------|--|
| 1 | COVER SHEET | | 11/22/91 | REVISED PER CA. HWY. LETTER OP. 11/18/91 ALK |
| 2 | SITE GRADING PLAN | | 12-9-91 | REVISED PER HAMILTON COUNTY PDS |
| 3 | EROSION CONTROL PLAN | | 7-22-92 | REVISED PER FIELD ESW |
| 4 | SPYGLASS RIDGE DR., SPYGLASS COURT and STORM STR. 5-8 | | 9-21-94 | CONSTR. RECORD DRAWING LEM |
| 5 | STORM STRUCTURES 1-5 and 8-11 | | | |
| 6 | ENTRANCE-DETAIL | | | |
| 7 | CUL-DE-SAC and INTERSECTION-DETAILS | | | |
| 8 | STANDARD-DETAILS | | | |
| 9 | STANDARD-SPECIFICATIONS | | | |

"RECORD DRAWING" CERTIFICATION

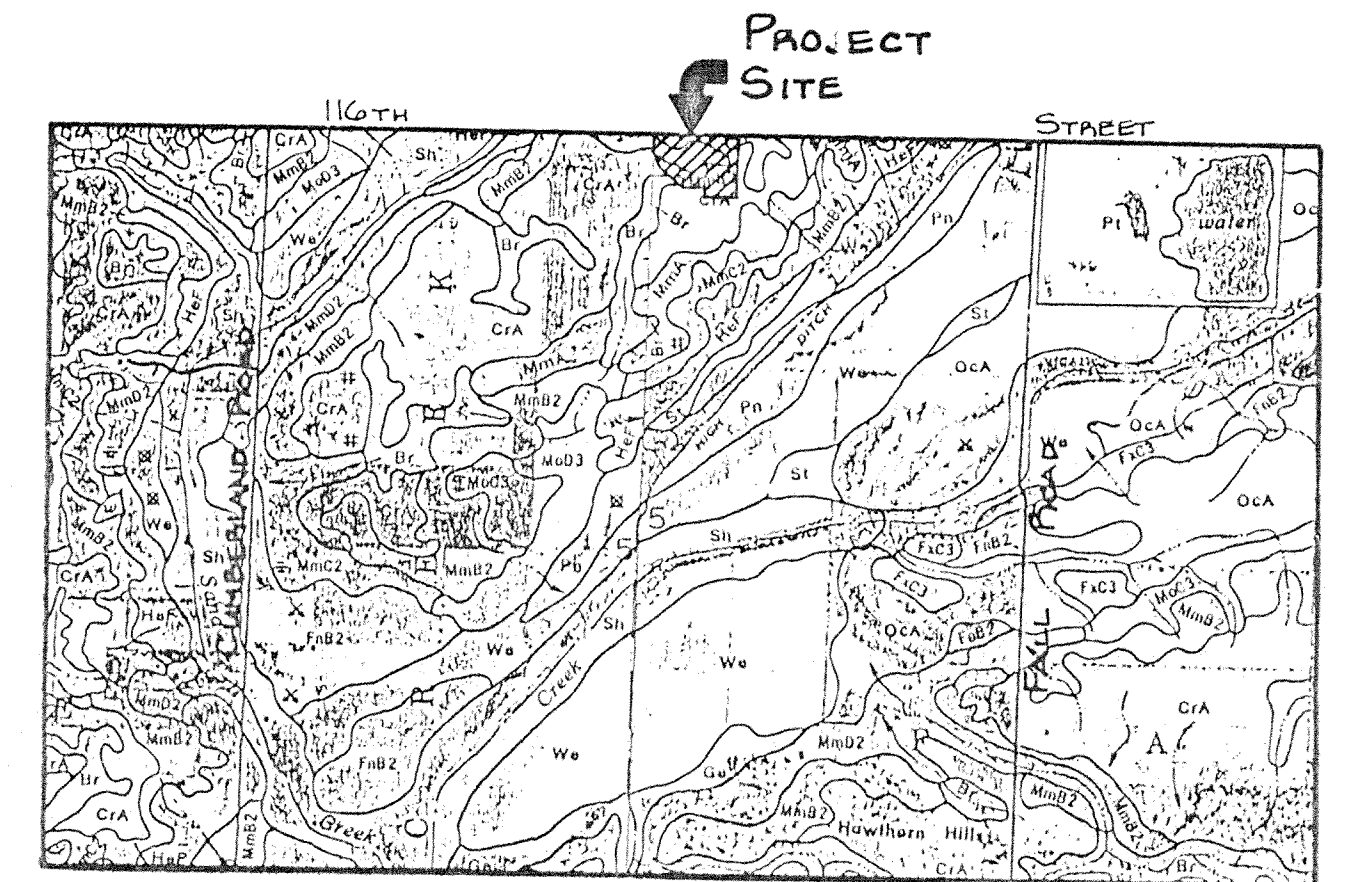
CERTIFIED BY : Arthur L. Kaser
Arthur L. Kaser, P.L.S.
Evergreen Planners, Inc.
234 South Franklin Road
Indianapolis, IN 46219



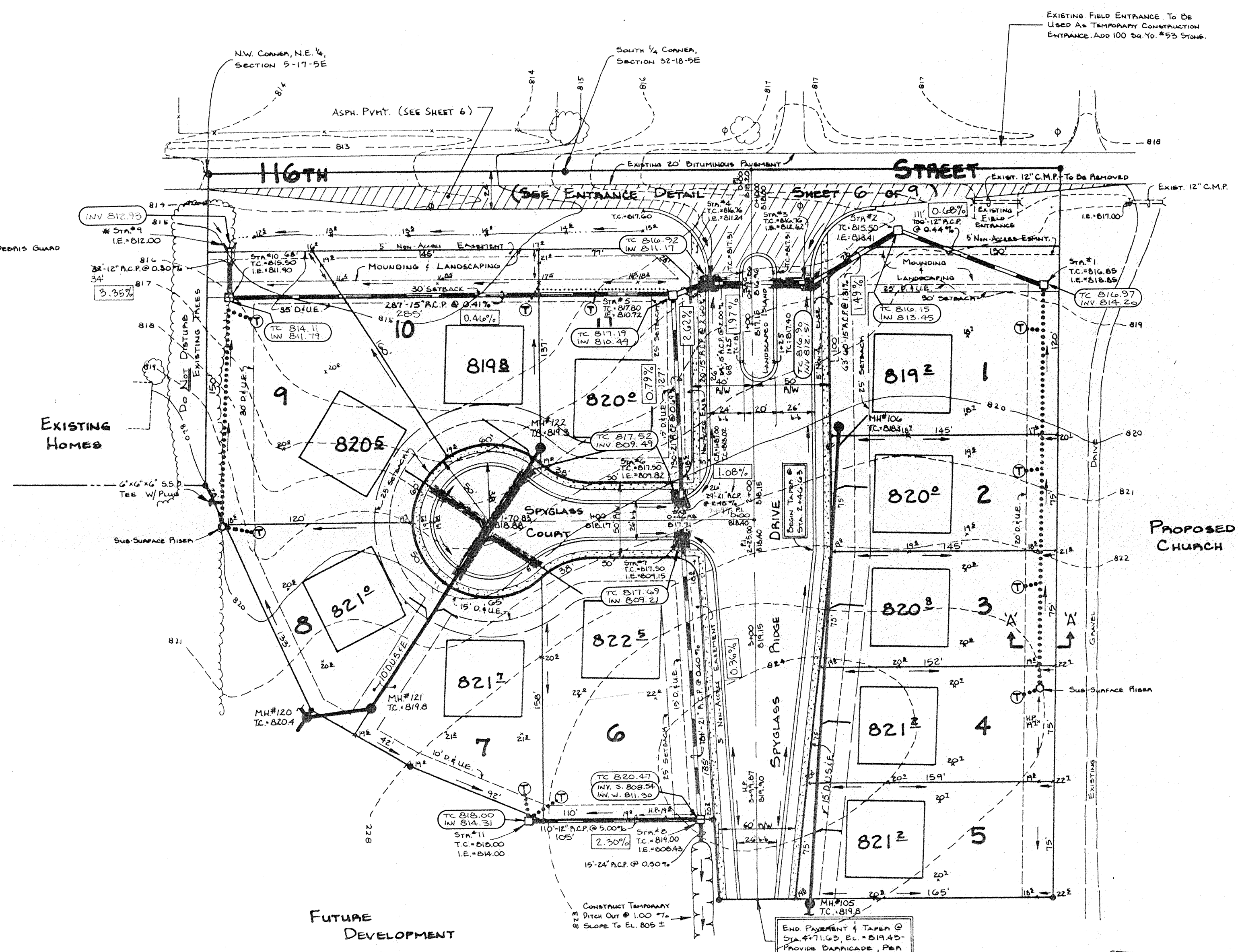
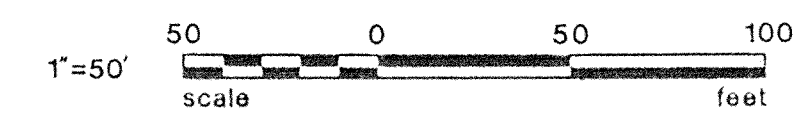
I, the above signed, certify that the record drawing information presented on this sheet was performed under my direct supervision. I further certify that to the best of my knowledge and belief that the improvements have been installed in reasonable compliance with the original design plans with respect to horizontal locations and grades and any deviations of locations, grade or material used are shown in these "RECORD CONSTRUCTION DRAWINGS" (plans) as of the date of this certification.

FILED
OCT 24 1994
OFFICE OF HAMILTON COUNTY SURVEYOR

DETAILED DEVELOPMENT PLAN SPYGLASS HILL SECTION 1 in THE LEGENDS at GEIST



SOILS MAP



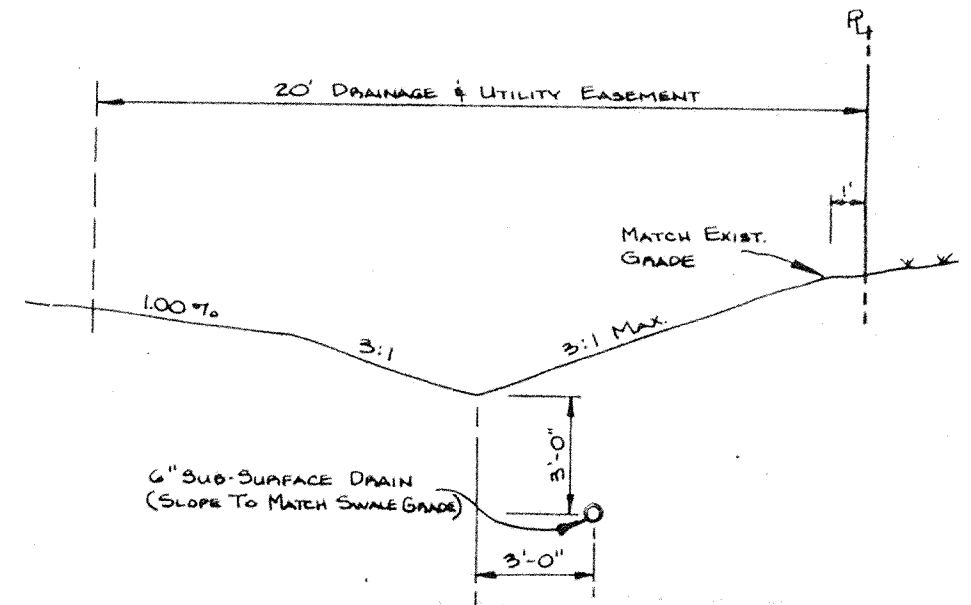
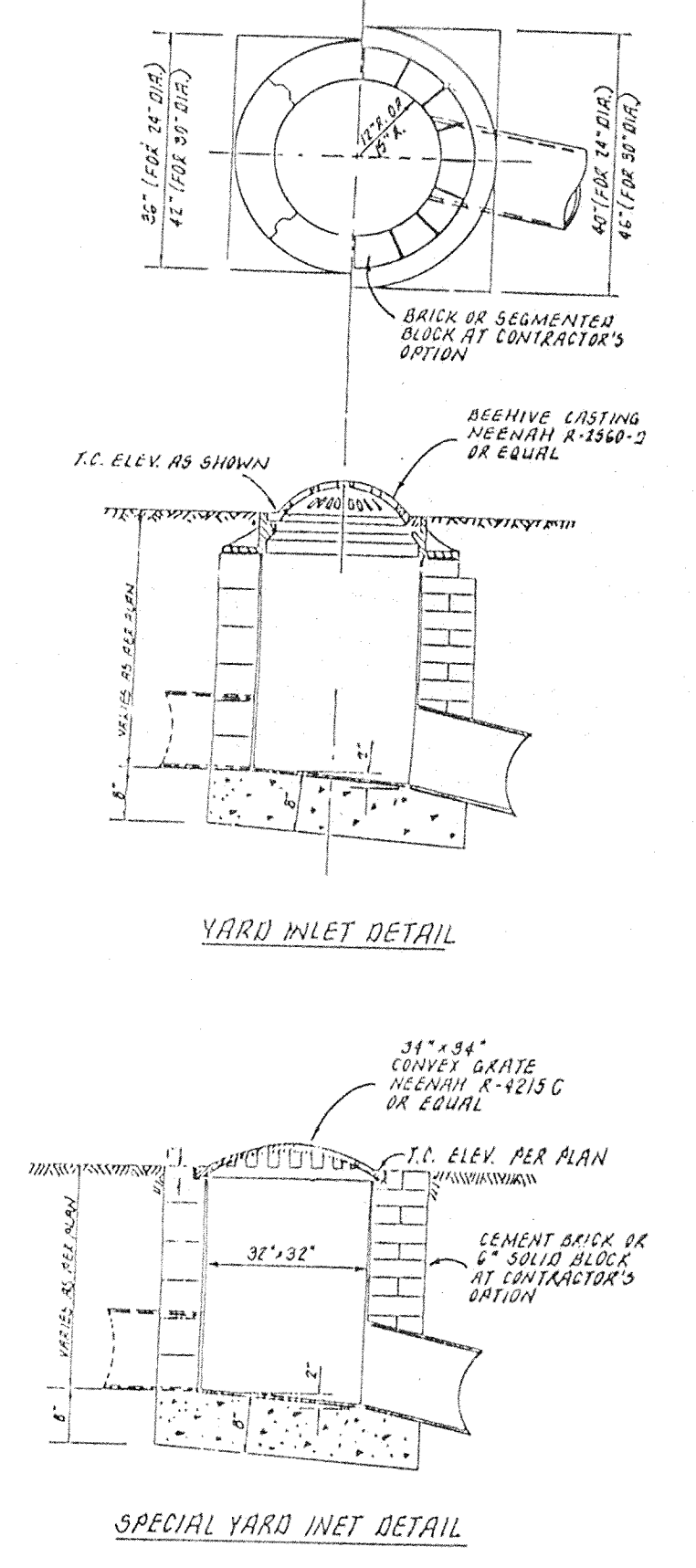
LEGEND

- 7" Concrete Pavement
- 4" Concrete Walk
- Full Depth Granular Backfill
- Proposed Sanitary Sewer & M.H.
- Proposed Storm Sewer & Inlet
- Proposed 6" Lateral
- Existing Sewers
- Subsurface Drainage Tile (6")
- Subsurface Drain Lot Connection
- ASPHALT PAVEMENT
1/2" H.A.C. SURFACE
4" H.A.C. BINDER
9" #55 STONE BASE
- As BUILT STORM STR.

STRUCTURE CHART

| Str. No. | Type | Casting No.* | T.C. EL. | Inv. EL. |
|----------|--------------------|--------------|----------|----------|
| 1 | Yard Inlet | R-4215-C | 816.85 | 813.85 |
| 2 | Yard Inlet | R-4215-C | 815.50 | 813.41 |
| 3 | Curb Inlet | R-3501-TL | 816.76 | 812.62 |
| 4 | Curb Inlet | R-3501-TR | 816.76 | 811.24 |
| 5 | Yard Inlet | R-4215-C | 817.80 | 810.72 |
| 6 | Curb Inlet | R-3501-TL | 817.50 | 809.82 |
| 7 | Curb Inlet | R-3501-TR | 817.50 | 809.15 |
| 8 | Yard Inlet | R-4215-C | 819.00 | 808.43 |
| 9 | Concrete Slopewall | --- | --- | 812.00 |
| 10 | Yard Inlet | R-4215-C | 815.50 | 811.90 |
| 11 | Yard Inlet | R-4215-C | 818.00 | 814.00 |

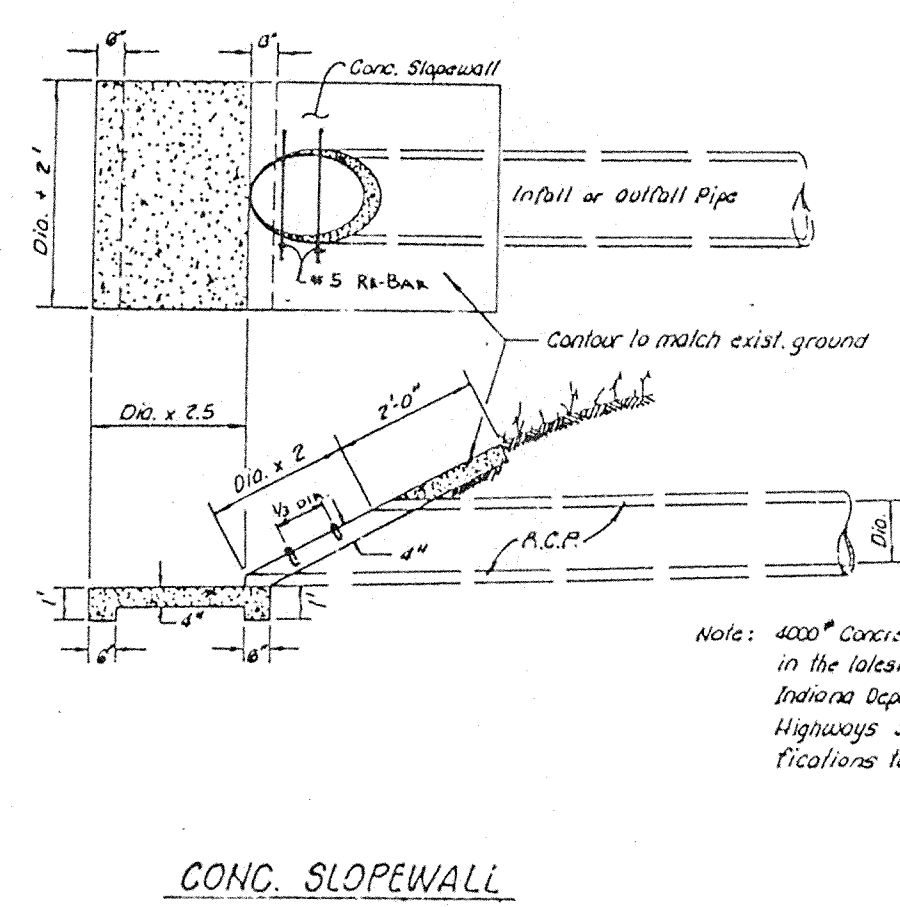
* Neenah Casting No. or Equal



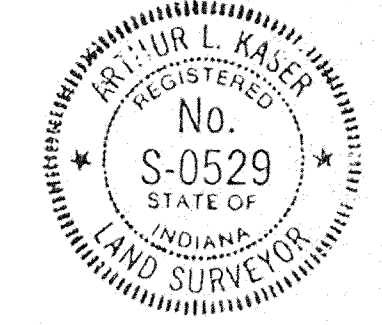
SANITARY SEWER MANHOLE CHART

| M.H. No. | T.C. EL. | Inv. In | Inv. Out |
|----------|----------|-------------|----------|
| 105 | 819.80 | 806.00 (N) | 804.30 |
| 106 | 818.3 | 804.50 (W) | 811.30 |
| 120 | 820.40 | 806.50 (NE) | 806.50 |
| 121 | 819.80 | 806.80 (NW) | 808.04 |
| 122 | 819.30 | 808.50 | 811.30 |

Hamilton County, Indiana
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Entry Date: 1-14-04
Entered by: JOK



FILED
OCT 24 1994
OFFICE OF HAMILTON COUNTY SURVEYOR



"RECORD DRAWING" CERTIFICATION
CERTIFIED BY: Arthur L. Kaser
Arthur L. Kaser, P.L.S.
Evergreen Planners, Inc.
234 South Franklin Road
Indianapolis, IN 46219

I, the above signed, certify that the record drawing information presented on this sheet was performed under my direct supervision. I further certify that to the best of my knowledge and belief that the improvements have been installed in reasonable compliance with the original design plans with respect to horizontal locations and grades and any deviations of locations, grade or material used are shown in these "RECORD CONSTRUCTION DRAWINGS" (plans) as of the date of this certification.

DATES AND REVISIONS

| DATE | REVISION | BY |
|----------|--|-----|
| 1-14-04 | CONST. RECORD DRAWING | ALK |
| 4-27-92 | REVISED ACCEL. DECEL. TAPER | ALK |
| 1-16-92 | ADDED SANITARY SEWER & REVISED STORM | JWB |
| 12-6-91 | REVISIONS PER HAMILTON COUNTY | ALK |
| 11/21/91 | REVISED PER. C. NEW (C.D. OF 11/29/91) ALK | ALK |

SITE GRADING PLAN
Spyglass Hill in The Legends at Geist
Hamilton County, Indiana
DESIGN BY: ALK
DRAWN BY: RGS
CHECKED: ALK
APPROVED: ALK

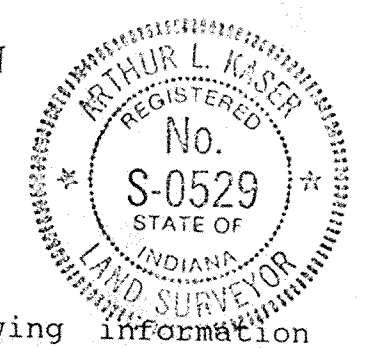
Evergreen
Planners, Inc.
234 SOUTH FRANKLIN RD., INDIANAPOLIS, INDIANA 46219
317-553-6161

DATE: November 1991
JOB NO.: 91-18
SCALE: 1" = 50'
SHEET NO.: 2 of 25

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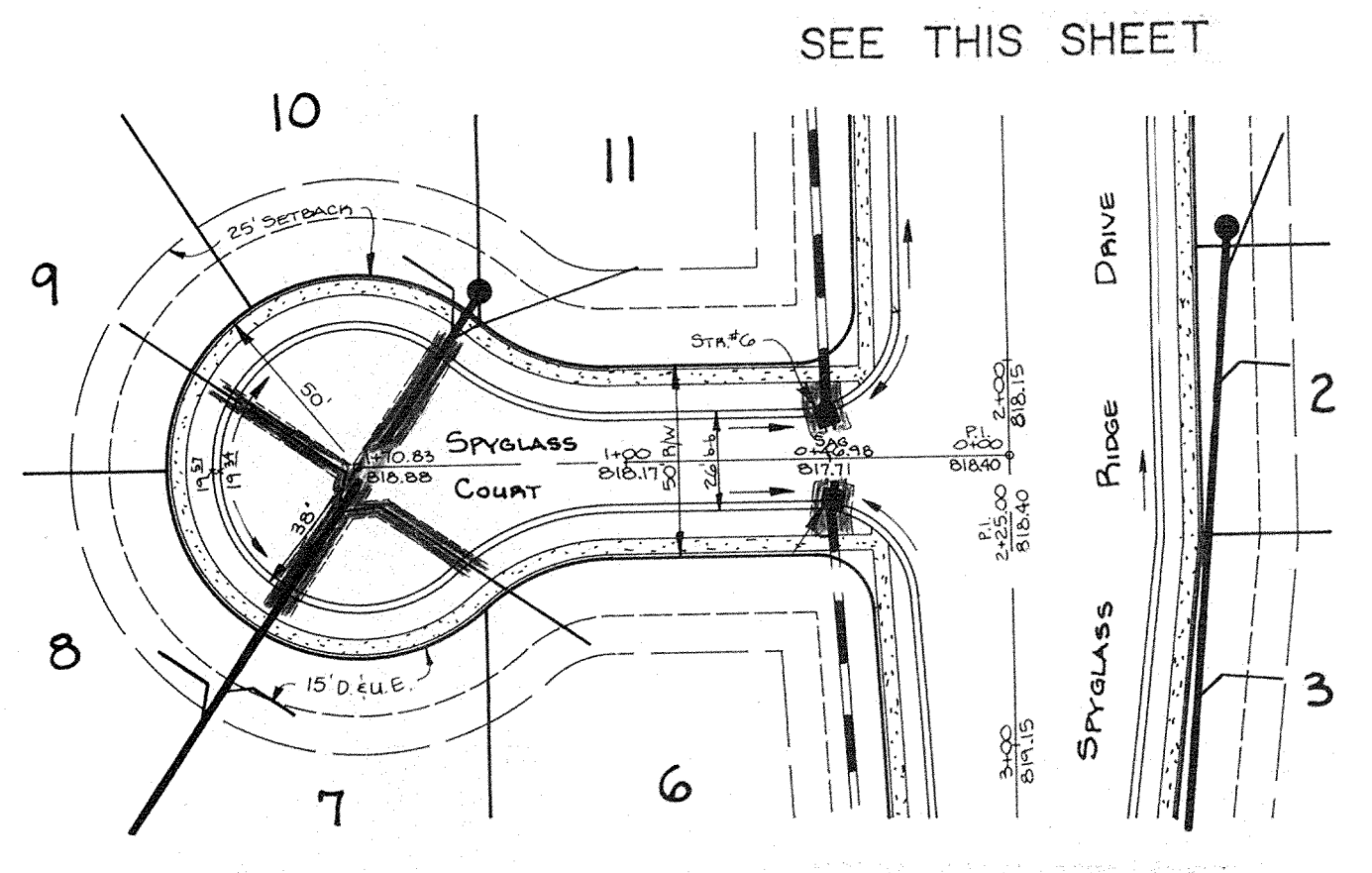
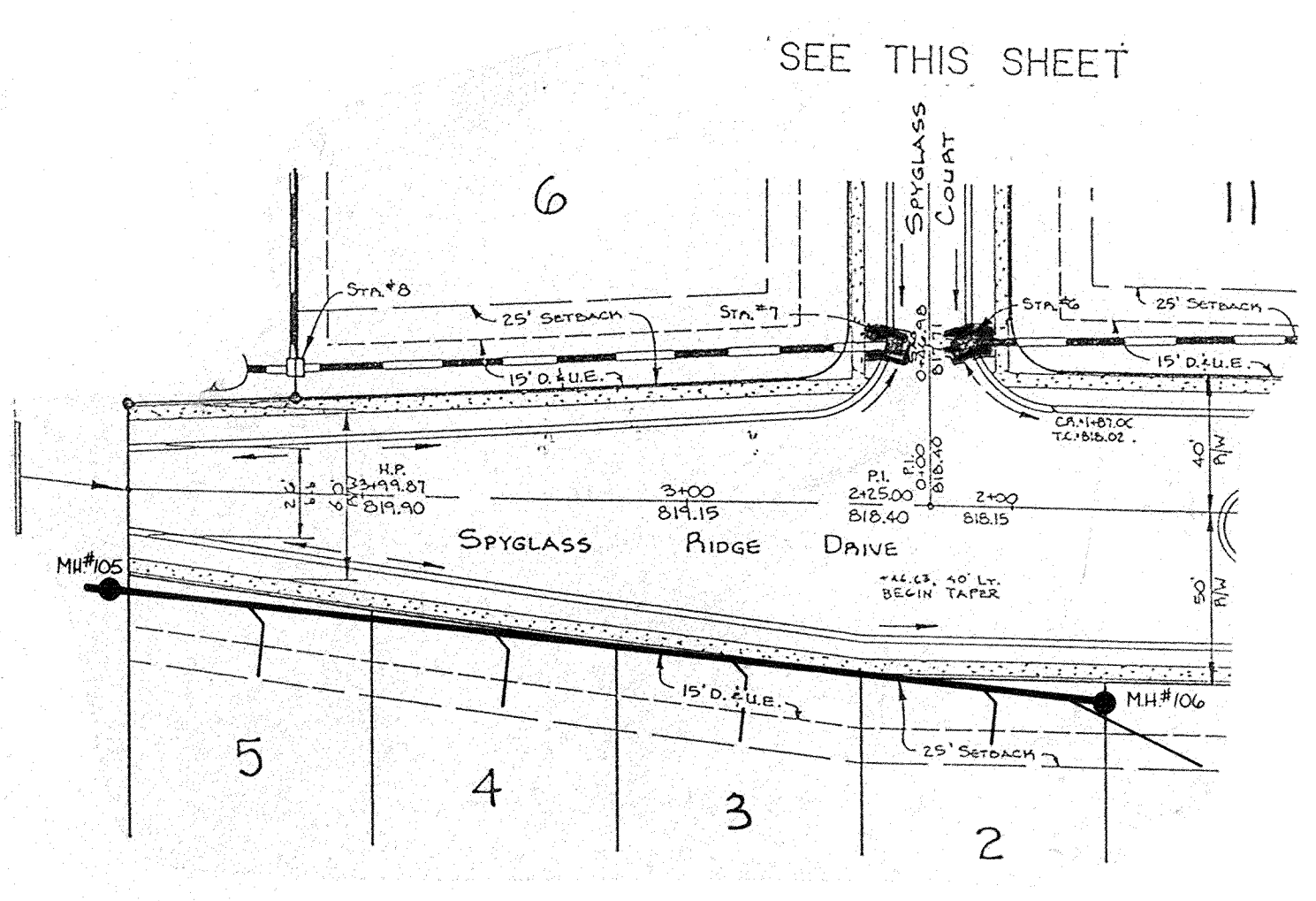
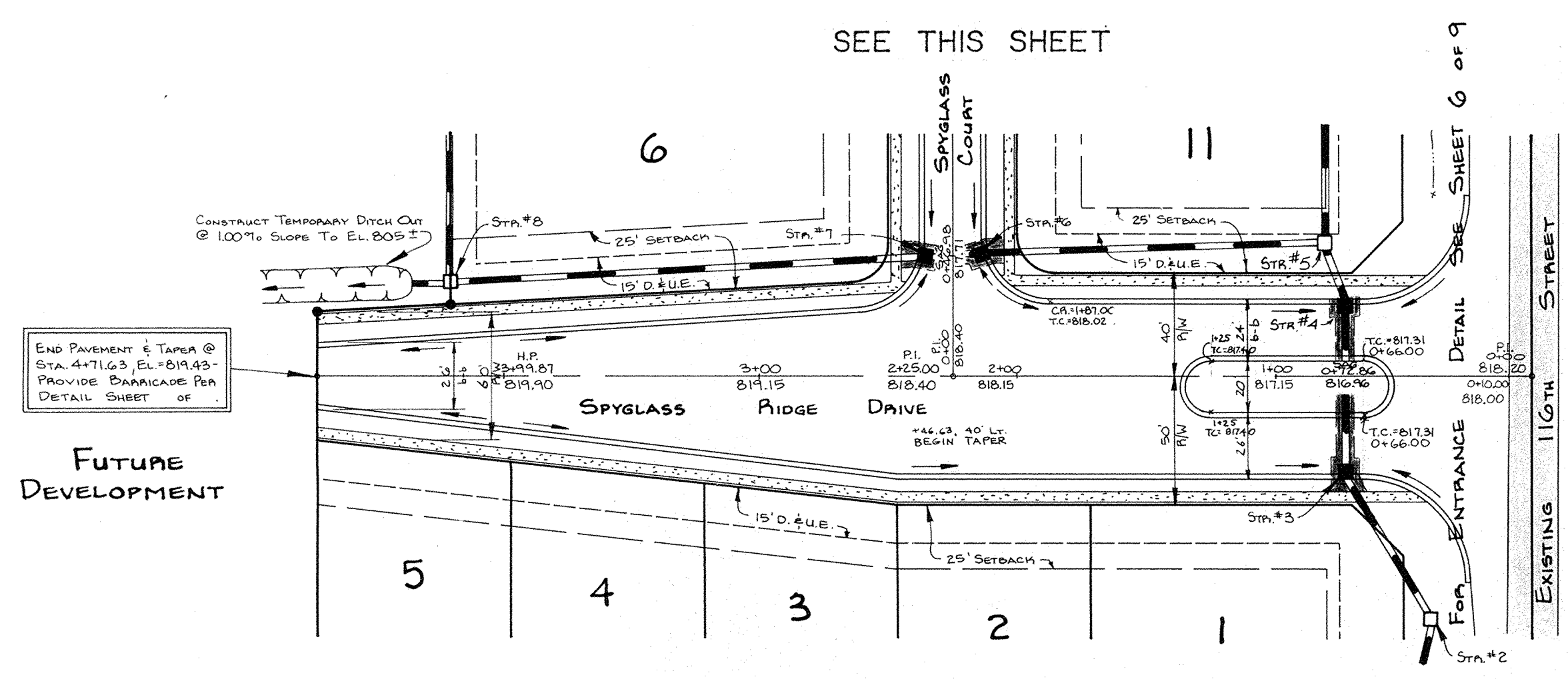
"RECORD DRAWING" CERTIFICATION

CERTIFIED BY: Arthur L. Kaser
 Arthur L. Kaser, P.L.S.
 Evergreen Planners, Inc.
 234 South Franklin Road
 Indianapolis, IN 46219



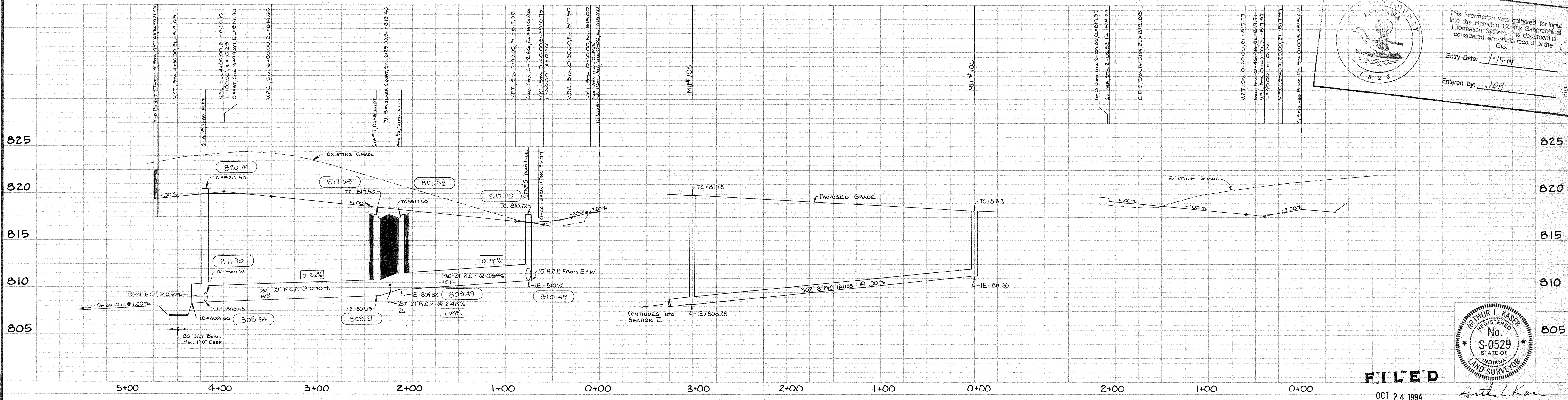
I, the above signed, certify that the record drawing information presented on this sheet was performed under my direct supervision. I further certify that to the best of my knowledge and belief that the improvements have been installed in reasonable compliance with the original design plans with respect to horizontal locations and grades and any deviations of locations, grade or material used are shown in these "RECORD CONSTRUCTION DRAWINGS" (plans) as of the date of this certification.

PLAN SURVEYED BY: DATE: _____
 POSTED BY: _____
 NOTE BOOK NO. _____
 BY: _____
 CHECKED BY: _____
 STRUCTURE NOTATIONS CHECKED: _____



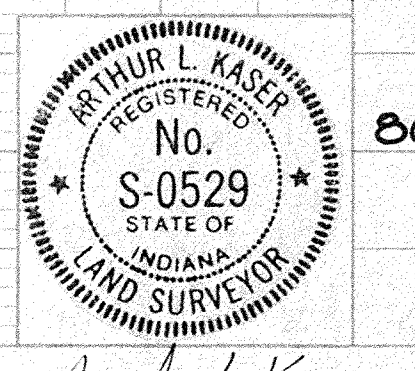
833.50 - As-Built T.C. on Inv. El.
 0.73% - As-Built % Slope
 0.25.50 on 0.63% - As-Built-Consistent with Design.

PROFILE SURVEYED BY: DATE: _____
 POSTED BY: _____
 NOTE BOOK NO. _____
 BY: _____
 CHECKED BY: _____
 STRUCTURE NOTATIONS CHECKED: _____



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Entry Date: 7-14-91
 Entered by: JOH



FILED
 OCT 24 1994
 OFFICE OF HAMILTON COUNTY SURVEYOR

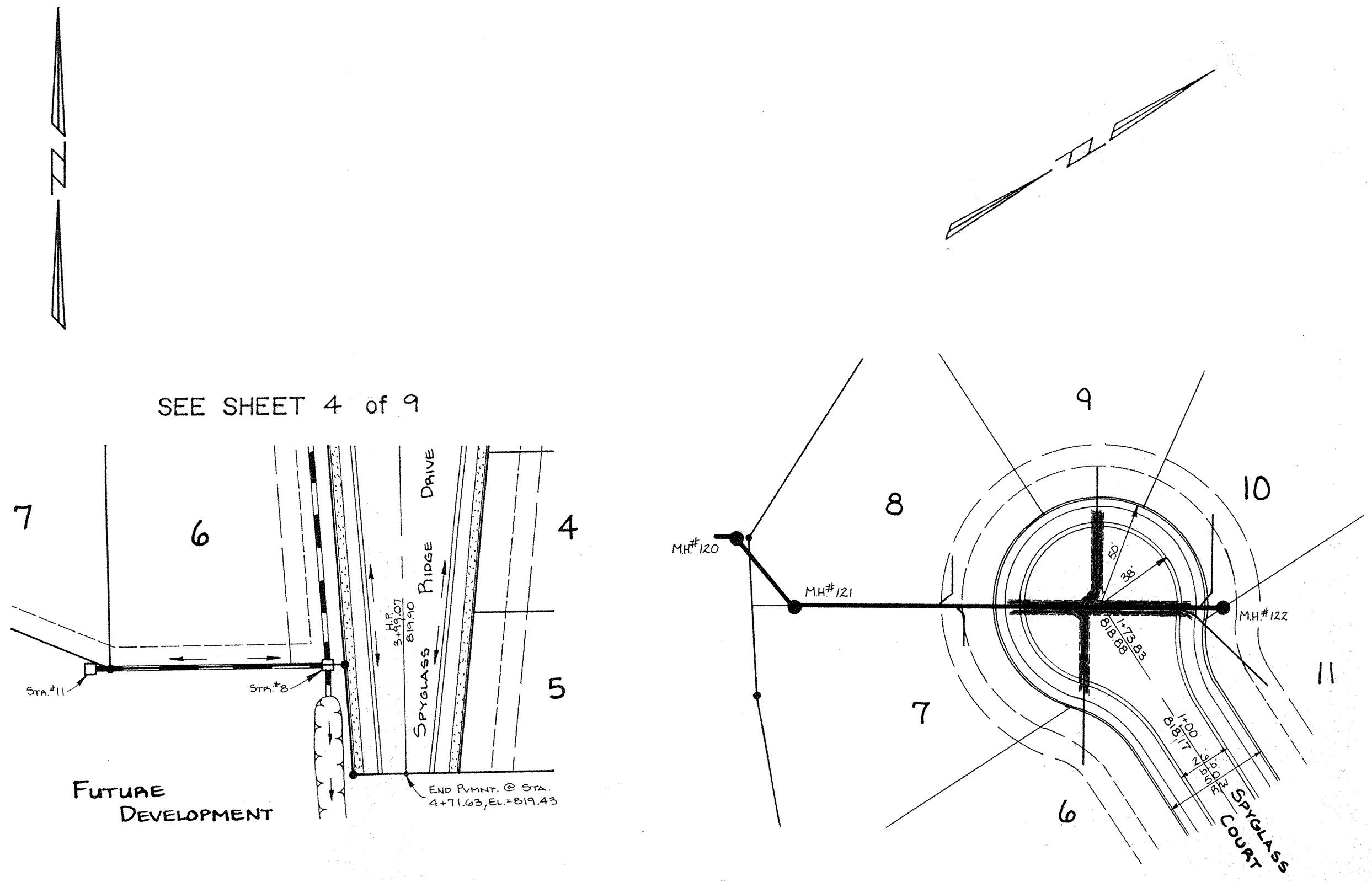
| DATES AND REVISIONS | | TITLE | |
|---------------------|---|--|----------|
| 7-21-94 | CONSTR. RECORD DRAWINGS | SPYGLASS RIDGE DR. SPYGLASS CT. & STORM STRUCTURES 5-B | |
| 1-17-92 | REVISED STORM / ADDED SAN SEWER | DESIGN BY | |
| 12-6-91 | REVISIONS FOR HAMILTON COUNTY | DRAWN BY | |
| 11/27/91 | REVISED PER CO. HUP. LETTER OF 11/18/91 | ALK | RGS |
| | | CHECKED | APPROVED |
| | | | ALK |

Evergreen
 Planners, Inc.
 234 SOUTH FRANKLIN RD., INDIANAPOLIS, INDIANA 46219
 317/353-6161

DATE: Nov, 1991
 JOB NO: 91-18
 SCALE: HORIZ: 1" = 50'
VERT: 1" = 5'
 SHEET NO: 4 of 9

PLAN
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 DATE: [Date]
 TITLE: [Title]

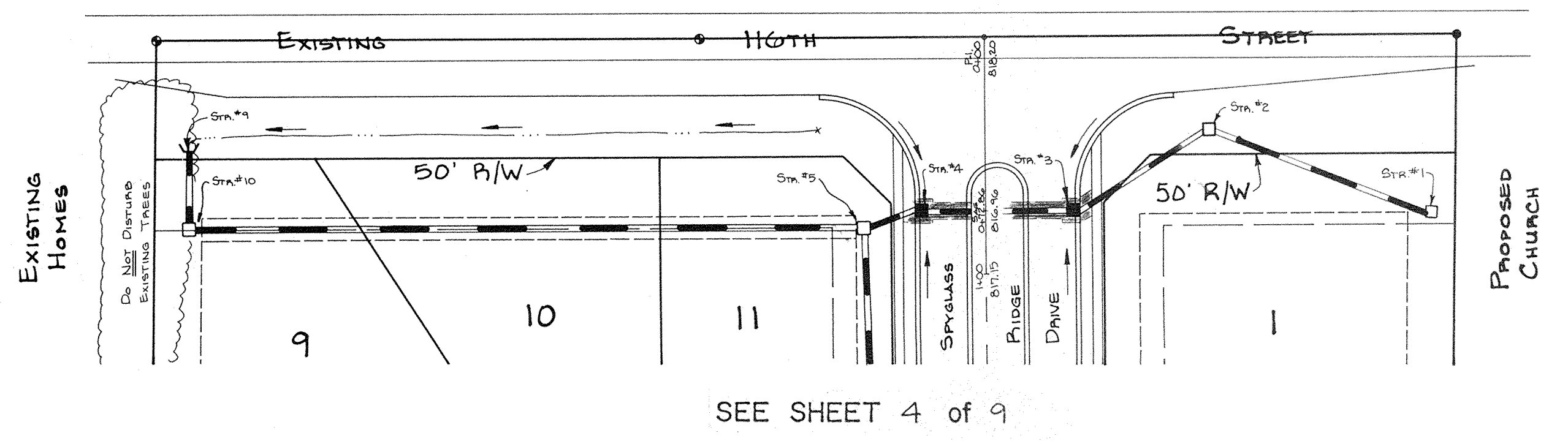
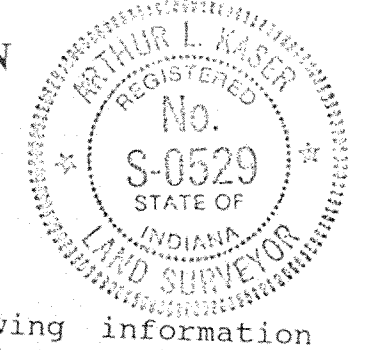
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 CHECKED BY: [Name]
 DATE: [Date]
 TITLE: [Title]



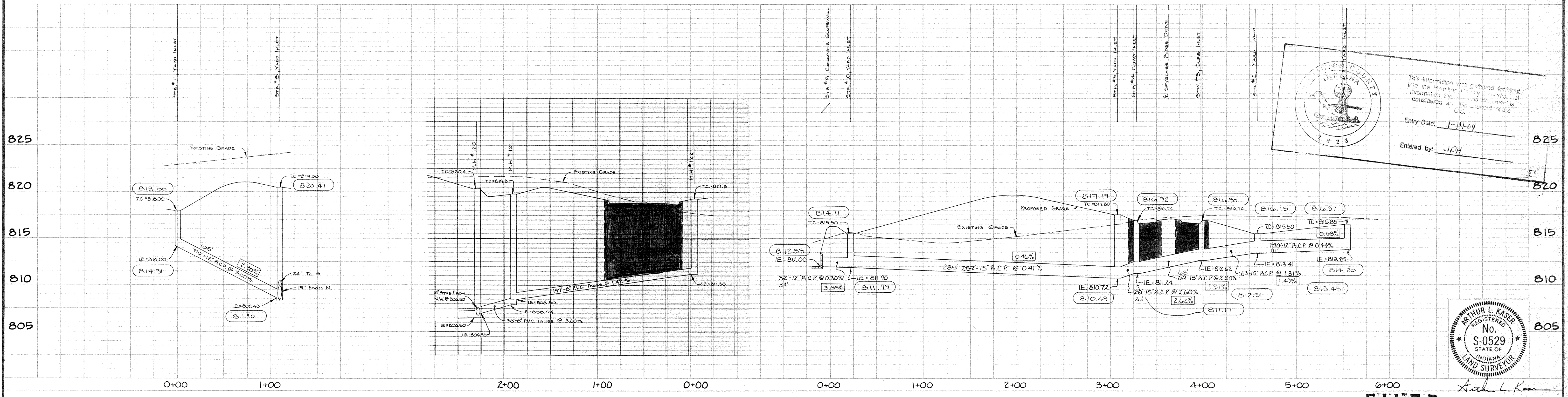
"RECORD DRAWING" CERTIFICATION

CERTIFIED BY: *Arthur L. Kaser*
 Arthur L. Kaser, P.L.S.
 Evergreen Planners, Inc.
 234 South Franklin Road
 Indianapolis, IN 46219

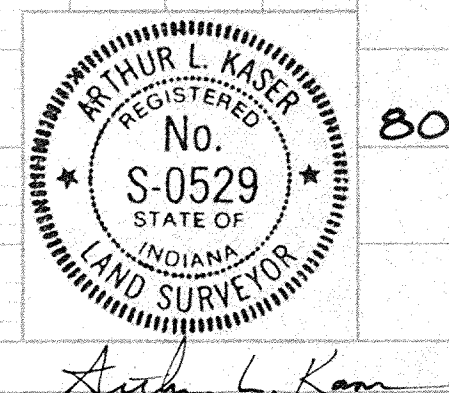
I, the above signed, certify that the record drawing information presented on this sheet was performed under my direct supervision. I further certify that to the best of my knowledge and belief that the improvements have been installed in reasonable compliance with the original design plans with respect to horizontal locations and grades and any deviations of locations, grade or material used are shown in these "RECORD CONSTRUCTION DRAWINGS" (plans) as of the date of this certification.



833.50 - As-Built T.C. or Inv. El.
 0.75% - As-Built % Slope
 825.50 or 0.63% - As-Built-Consistent With Design.



Hamilton County, Indiana
 This information was prepared for the use of the Hamilton County Surveyor's Office and is not to be used for any other purpose without the written consent of the Hamilton County Surveyor's Office.
 Entry Date: 1-14-89
 Entered by: J.D.H.



FILED

| DATES AND REVISIONS | | TITLE | |
|---------------------|---------------------------------|---------------------------------------|----------|
| 7-21-94 | Const. Record Drawing | STORM STRUCTURES 1-5, 8-11 | |
| 7-22-92 | REVISED PER FIELD | SPYGLASS HILL IN THE LEGENDS AT GEIST | |
| 1-17-92 | REVISED STORM & ADDED SAN SEWER | DESIGN BY | DRAWN BY |
| 12-6-91 | REVISIONS PER HAMILTON COUNTY | ALK | PGS |
| 11-17-91 | REVISED PER LETTER OF 11/18/91 | CHECKED | APPROVED |
| | | ALK | ALK |

Evergreen OFFICE OF HAMILTON COUNTY SURVEYOR
 Planners, Inc.
 234 SOUTH FRANKLIN RD., INDIANAPOLIS, INDIANA 46219
 317/353-6161

DATE: Nov., 1991
 JOB NO: 91-18
 SCALE: Horiz: 1"=50'
 VERT: 1"=5'
 SHEET NO: 5 of 9