

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

Drain-Improvement: WILLIAM M. KINSTRAW - LAKE STONEBRIDGE RELOCATION

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Price:	Cost:
RCP	12"	112'	104'	-8'	112' @ 7.25/lf	812' =
	24"	422'	422'		75' @ 18. =/lf	1350' =
	48"	77'	77'			
	54"	287'	287'			
	4x30"	90'	90'			
CONC. BOX CULVERT	5'x2'	709'	709'		539' @ 145. =/lf	88,935' =
CMP	18"	90'	0'	-90'		
	24"	60'	60'			
OPEN DITCH	-	3998'	3918'	-80'	3998' @ 19.55/lf	78,160.90
BOND SEC. 3						\$67,026.75
Sum:		<u>5845'</u>	<u>5667'</u>	<u>-178'</u>		<u>\$236,284.65</u>

Final Report: 5845'

Comments:

178' OF DRAIN REMOVED DURING 116TH ST RECONSTRUCTION

NO BOND FOR SEC 1 → CALCULATED COSTS ABOVE ARE FOR REMAINING (FOLLOWING SEC 3 CONSTRUCTION, NOT 116TH ST RECONSTRUCTION) PORTION OF SEC 1.



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

To: Hamilton County Drainage Board

October 27, 1999

Re: William McKinstry Drain

Attached is a petition and plans for the proposed relocation of the William McKinstry Drain. The relocation is being proposed by Land Innovators Company. The proposal is to relocate portions of the open ditch for Lake Stonebridge Section 3. The relocation will differ from the relocations set out in my report dated September 1, 1994. The new relocation shall be as follows:

1. STA 17+45 to 19+15 shall consist of 2' x 5' box structure
2. STA 19+15 to 19+95 shall consist of 48" RCP
3. STA 19+95 to 22+50 shall be vacated
4. STA 22+50 to 25+00 shall consist of 24" RCP
5. STA 25+00 to 26+80 shall consist of open ditch
6. STA 26+80 shall begin the regional detention system.
7. At STA 19+95 an arm shall extend 280 feet South to the regional detention facility.
8. At STA 19+15 an arm shall extend North 60 feet under 116th Street. This shall consist of the existing 24" CMP and the new 24" CMP.
9. At STA 22+50 an arm shall extend North 67 feet under 116th Street.

This new line will consist of the following:

180' - Open Ditch 407' - 24" RCP 170' - 2x5 box 80' - 48" RCP 280' - 54" RCP

The total length of new drain shall be 1,057 feet. This proposal will delete 84 feet of the drains total length as described in my September 1, 1994 report.

The cost of the relocation is to be paid by Land Innovators Company. Because the project is to be paid by the petitioner and is within the boundaries of the petitioners property, the project falls under the requirements as set out in IC 36-9-27-52.5. Therefore, a hearing is not required for the petition.

The petitioner has provided the Performance Bond as follows:

Name of Bonding Co.: Developers Surety and Indemnity Co.

Bond #: 885085S

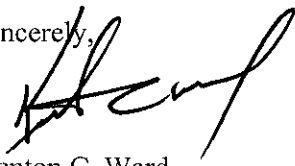
Bond Date: August 31, 1999

Bond Amount: \$67,026.75

Bond Term (1 Year Max): August 31, 2000

I recommend approval by the Board at this time.

Sincerely,

A handwritten signature in black ink, appearing to read "Kenton C. Ward". The signature is written in a cursive style with a large, sweeping initial "K".

Kenton C. Ward
Hamilton County Surveyor

KCW/llm



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square

Noblesville, Indiana ~~September 1, 1994~~

TO: Hamilton County Drainage Board

RE: William McKinstry Drain

Attached are plans, drain map, drainage shed and schedule of assessments for the William McKinstry Drain reconstruction. This drain is now classified at number twenty-one (#21), as a drain in need of reconstruction. This drain last year was at number 26 (#26) on the list with the Russel Johnson Drain. However, since that time the Russel Johnson Drain was separated from the McKinstry and now will outlet into the gravel pit South of 116th Street, instead of STATION 0+00 of the McKinstry Drain.

This drain is being moved up in priority due to the development pressure in the drainage sheds' area.

The William McKinstry Drain was created by the Hamilton County Circuit Court upon being petitioned in 1881. (see Circuit Court Order Book #4 Page 209 for description) The original construction cost was \$436.50. The drain, as constructed, consists of 6788 feet of open ditch. The drain was cleaned out in 1923 and 1945. Allotments were made in 1933, 1937 and 1941 for repair of the drain.

Plans for the proposed reconstruction were prepared by Evergreen Planners, Inc. The plan calls for partial vacation of various segments of the drain, placement of a regional detention facility, within the channel, storm sewer installation and cleaning, clearing, realignment and regrading portions of the drain.

The description of the work is as follows:

(see proposed McKinstry Drain Modifications-The Legends of Geist by Evergreen Planners, Inc dated June 1994 Sheet 1 of 1 Job No. 89-23)

From STA 0+00 to STA 10+40 the drain will be vacated. A roadside swale will replace the existing open ditch.

From STA 10+40 to STA 22+50 the open ditch will be replaced by a storm sewer with a 48" RCP, flowing South and outletting into the regional detention facilities now under construction. The drain will accept water from three (3) existing 24" CMP's that cross under 116th Street.

From STA 22+50 to STA 25+00, (South of existing 18" CMP under 116th Street) the drain will be vacated.

From STA 25+00 to STA 31+00 the drain will be cleaned and re-graded.

From STA 31+00 to STA 41+50 the drain will fall within the proposed regional detention facilities.

From STA 41+50 to STA 64+08 the drain will be cleaned and debris will be removed. Silt basins will be constructed where needed.

From STA 64-08 to STA 67+88 the drain will be re-aligned to outlet into Mud Creek, 200 feet upstream from its present location. The re-alignment from STA 64+08 to STA 67+88 will be contingent on the application for a construct of Floodway permit from Indiana Department of Natural Resources.

The storm sewer described above is shown on 116th Street drainage details-Peppermill Pond Section 2, in The Legends at Geist, dated December 1993 by Evergreen Planners, Sheet 1 of 2 and Sheet 2 of 2, JOB NO. 91-16-2. This is more particularly described as follows:

STA 17+30 to 19+00 (STRUCTURE 37) , 170 feet of 2'x5' Concrete Box Culvert; STA 19+00 (STR 37) to STA 22+50 (STR 42)'x5, 300 feet of 24" RCP: STR 37 to STR 41, 359 feet of 48" RCP. The existing 24" CMP's under 116th Street on this plan, along with the pipe extensions from STR 42 and STR 37 are also included as part of the regulated drain.

The remaining portion of the drainage facilities are shown on Site Plan (North)-Peppermill Pond Section 1 in The Legends at Geist by Evergreen Planners, Inc., dated September 1993, Sheet 4 of 26 and Sheet 18 of 26, Job NO 91-16-1. This portion is described as follows:

From STA 10+40 (STR 28) to STA 11+50 (STR 29), 110 feet of 12" RCP; from STA 11+50 to STA 17+30 (STR 34) 512 feet of 5'x2' Concrete Box Culvert. The 24" RCP under 116th Street and the connection pipe North of STR 29 is also to be part of the regulated drain. The pipe under 116th East of STR 28 along with the 42" line to the lake is part of the Russel Johnson regulated Drain (see report dated 12/21/93 to the Drainage Board in Russel Johnson file)

The lengths involved are as follows:

Open Ditch	3238ft	5'x2' Concrete Box Culvert	682ft
12" RCP	110	24" RCP	430ft
24" CMP	130ft	48" RCP	359ft

The total length of drain , upon completion of this proposal, will be 4,949 feet.

The cost of all proposed reconstruction as described above will be borne by R. N. Thompson.

I have reviewed the plans and drainage shed and believe the drain will benefit each tract equally for purposes of the maintenance assessment. Therefore, I recommend a maintenance assessment of \$2.00 per acre with a \$10.00 minimum. With 365.77 acres and 155 lots in the drainage shed, the assessment will be \$2,449.22 annually.

The nature of maintenance work required is as follows:

- a. Clearing the open ditch;
- b. Re-excavation of open ditch;
- c. Surface water structures as might be required;
- d. Repair of storm sewer outlets and inlets as might be required;
- e. Bank erosion protection and/or seeding as might be required;
- f. Repair of storm sewer outlet at drains end;
- g. Replacement of broken tile;
- h. Removal of debris, and/or blockages from storm sewer drain;
- i. Installation of breather pipes as might be required;

- j. Cleaning and/or repair of catch basins as might be required;
- k. Any other repairs necessary to restore drain to its original intended condition and use.

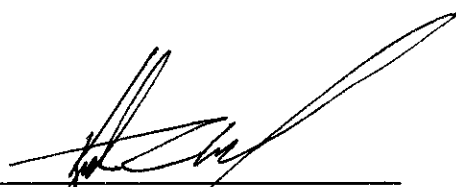
The frequency with which maintenance work should be performed is annually as required by the condition of the drain.

I believe the drain and it's drainage shed meets the requirements for classification as an Urban Drain under IC 36-9-27-67. This is due to the rapid urban growth in this area from the Town of Fishers. Therefore, I recommend such classification.

Because the outlet for this is Mud Creek, which is a regulated drain known as Nancy Kimberlain, the owners of tracts within the drainage shed for the William McKinstry Drain are also within the drainage shed of Mud Creek. Therefore, owners of tracts within this shed will also be assessed to the future reconstruction and maintenance of Mud Creek, Nancy Kimberlain Drain.

Future development along the drain includes a proposal to excavate a lake within the existing channel of the drain. This proposal for reconstruction does not address the future lake plan. That will be addressed at a later date at such time the developer petitions for such an excavation.

I recommend the board set a hearing for this proposed reconstruction for October 1994.



Kenton C. Ward
Hamilton County Surveyor
KCW/no

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: Lake Stonebridge in The Legends at Geist

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: June 30, 1999

Type or Printed Name: Arthur L. Kaser

Business Address: 234 S. Franklin Road

Indianapolis, Indiana 46219

Telephone: (317) 353-6161

INDIANA REGISTRATION NUMBER

S0529



CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: **Lake Stonebridge, Section 3 in The Legends at Geist**

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: October 16, 2000

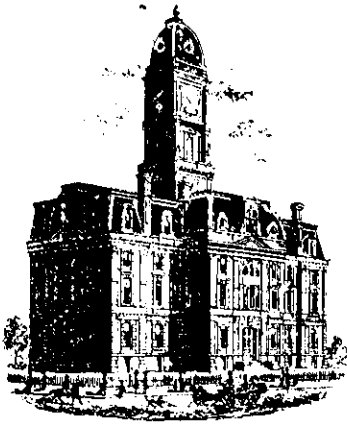
Type or Printed Name: Arthur L. Kaser

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
 Phone (317) 776-8495
 Fax (317) 776-9628

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

To: Hamilton County Drainage Board

December 11, 2000

Re: William Mckinstry Drain: Lake Stonebridge
 Relocation

Attached are as-builts, certificate of completion & compliance, and other information for Lake Stonebridge Relocation of the William Mckinstry Drain. 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 that will alter the plans submitted with my report for this drain-dated September 1, 1994 and October 27, 1999. The changes are as follows:

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

28		786.83				
29	788.76	784.91	12	104	110	-6
end of pipe		785.84				
29	788.76	784.91	24	75		
29	788.76	784.91				
30	787.78	784.73	5 x 2	100		
30	787.78	784.73				
31	788.88	784.58	5 x 2	82	80	2
31	788.88	784.58				
32	788.36	784.3	5 x 2	108	107	1
32	788.36	784.3				
33	786.77	784.06	5 x 2	125		
33	786.77	784.06				
Removed-34		783.79	5 x 2	124	100	24
Removed-34		783.79				
1	789.71	783.39	5 x 2	170		
1	789.71	783.39				

2	789.63	783.22	48	77	79	-2
2	789.63	783.22				
3		782.86	54	287	280	7
2a	787.37	784.16				
2	789.63	783.22	12	8	109	-101
2	789.63	783.22				
8	787.12	783.84	24	273	259	14
8	787.12	783.84				
7		785.51	24	74	67	7
1	789.71	783.39				
end of pipe		785.9	24 CMP	60		
37	783.49	780.68				
end of pipe		780.5	30	90	96	-6
end of pipe		788.99				
end of pipe		786.35	18 CMP	90		

RCP Pipe Totals:

12	112
24	422
48	77
54	287
5X2	709
30	90

Other Drain:	
24" CMP	60
18" CMP	90
OPEN DITCH	3998

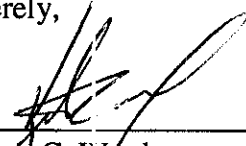
The length of the drain due to the changes described above is now **5845 feet**. The original drain was vacated between STA 0 to STA 10+40 and between STA 22+03 - 25+00. The footage listed above is the total net length for the drain.

The drainage easement has not been reduced at this time. Consequently, the drainage easement remains at 75feet per centerline of the tile and open ditch portions.

The bond or letter of credit from Developers Surety and Indemnity Co. number 885085S; dated August 31, 1999; in the amount of \$67,026.75; was released January 22, 2001.

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

Sincerely,



 Kenton C. Ward
 Hamilton County Surveyor

KCW/slm

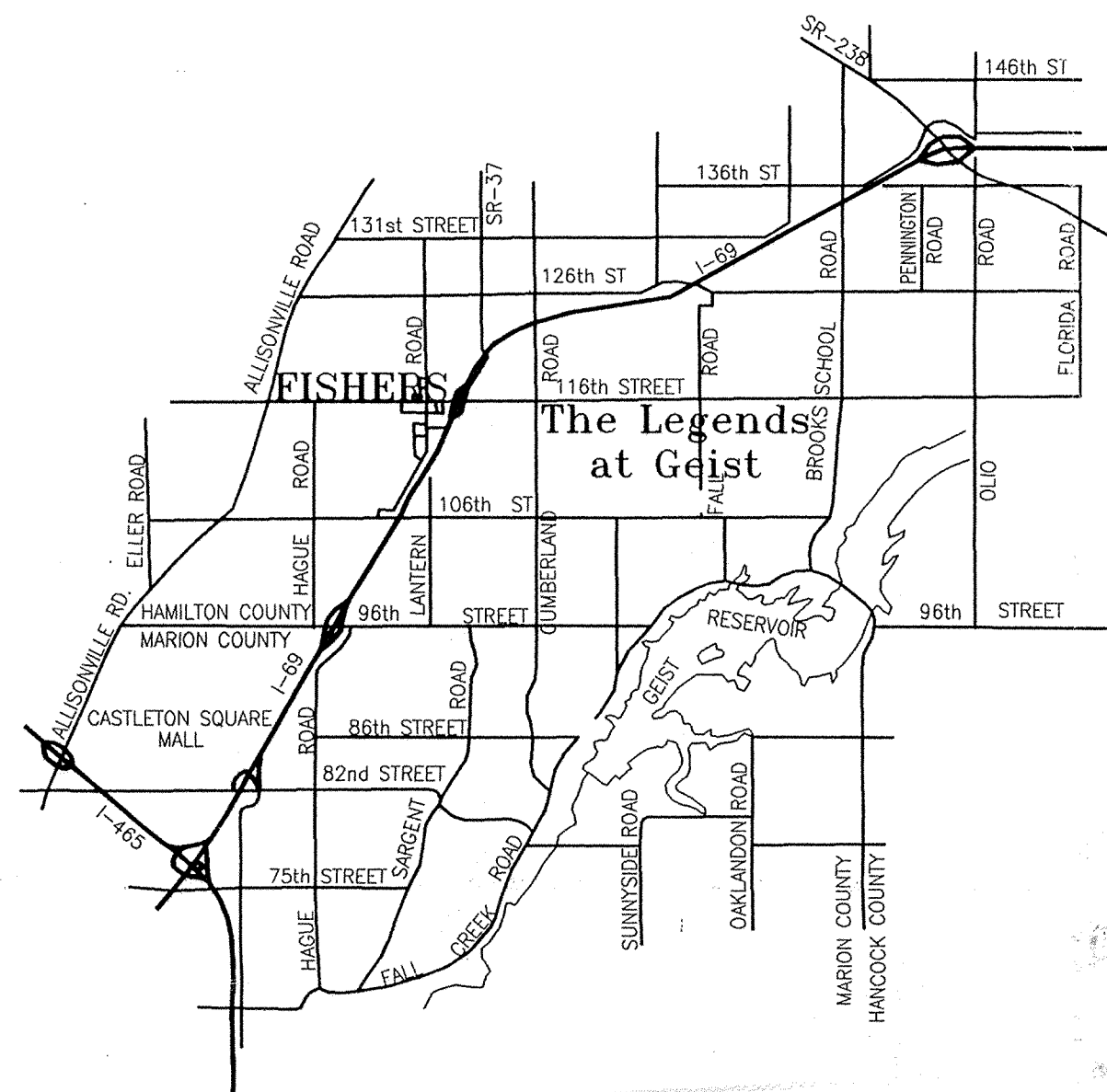
CONSTRUCTION RECORD DRAWING FOR STORM FOR Lake Stonebridge, Section 3

in The Legends at Geist

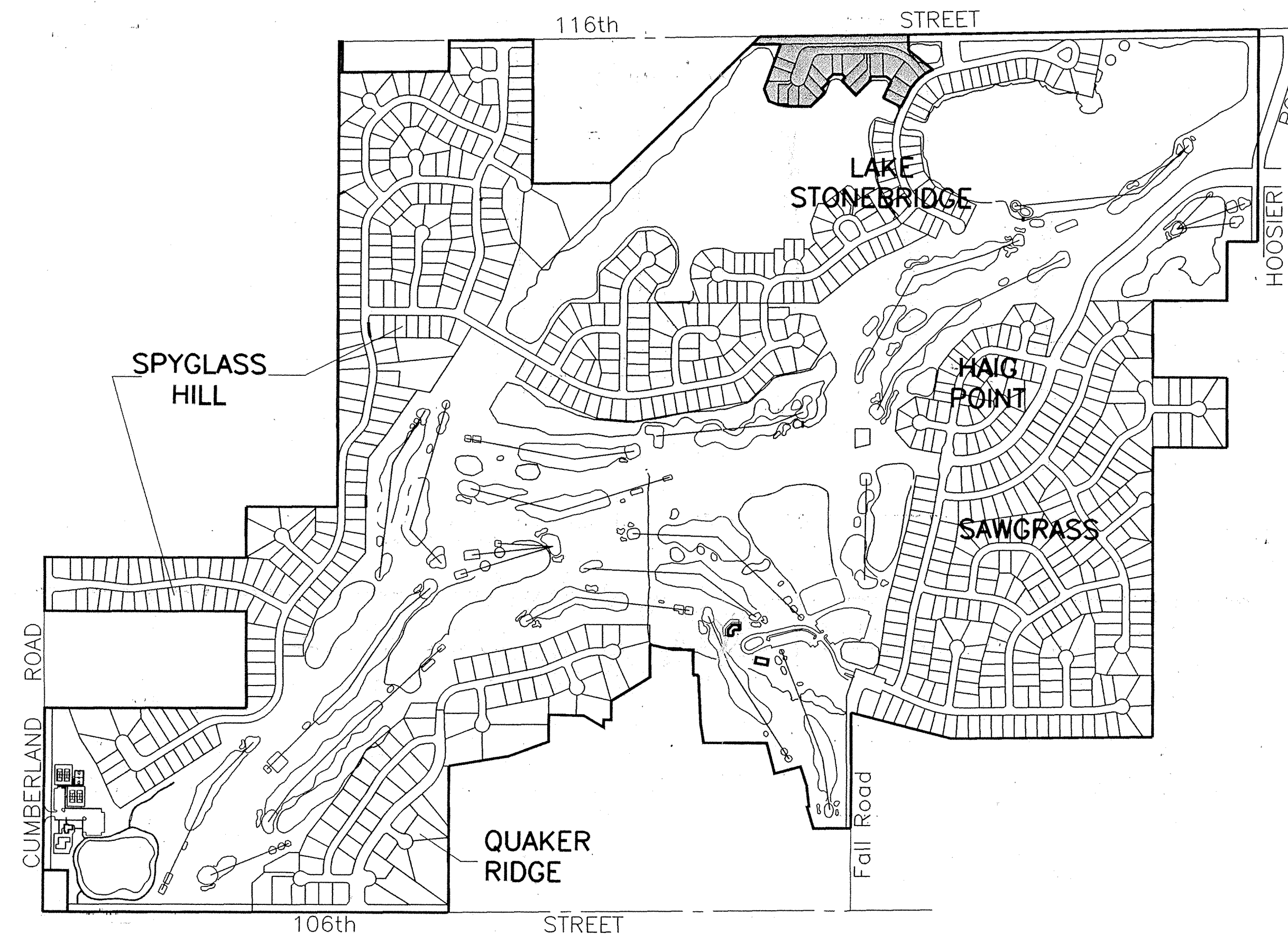
Fall Creek Township, Hamilton County, Indiana

DESIGN DATA:

No. of Lots = 19
Area = 8.36 acres
Density = 2.27 lots/ac.
ZONING: PD



SUBDIVISION LOCATION



Spice Lane.....1006.37 ft. (0.1906 mi.)
TOTAL.....1006.37 ft. (0.1906 mi.)

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

The latest Hamilton Southeastern Utilities
Standard Details and Specifications are to
be used on this project.

PREPARED FOR :
Land Innovators Co.
234 S. Franklin Road
Indianapolis, Indiana 46219

PREPARED BY :
Arthur L Kaser
Registered Land Surveyor
Indiana Reg. No. S0529

CERTIFIED BY : _____
DATE : _____

INDEX		REVISIONS	
No.	DESCRIPTION	No.	DATE DESCRIPTION
1	COVER SHEET	1	7/26/99 Rev. per Fishers TAC of 6/99
2	PRELIMINARY PLAT		
3	SITE DEVELOPMENT PLAN & HORZ. AS-BUILT STORM		
4	EROSION CONTROL PLAN		
5	SPICE LANE - Plan and Profile		
6	SANITARY MH's Ex. #24, 301-307 Plan and Profile		
7	AS-BUILT STORM SEWER STR's. 1-3 & 6-8 Plan and Profile		
8	AS-BUILT STORM SEWER STR's. 4-6, 9 & 10 Plan and Profile		
9	INTERSECTION and CUL-DE-SAC DETAILS		
10	EROSION CONTROL STD. DETAILS AND SPECIFICATIONS		
11	EROSION CONTROL STD. DETAILS AND SPECIFICATIONS		
12	EROSION CONTROL STD. DETAILS AND SPECIFICATIONS		
13	EROSION CONTROL STD. DETAILS AND SPECIFICATIONS		
14	EROSION CONTROL STD. DETAILS AND SPECIFICATIONS		
15	EROSION CONTROL STD. DETAILS AND SPECIFICATIONS		
16	HSE STANDARD DETAILS		
17	HSE STANDARD SPECIFICATIONS		
18	MISC. STANDARD DETAILS		
19	MISC. STANDARD SPECIFICATIONS		

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

Entry Date: 11/16/00
Entered by: SIM

"RECORD DRAWING" CERTIFICATION

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

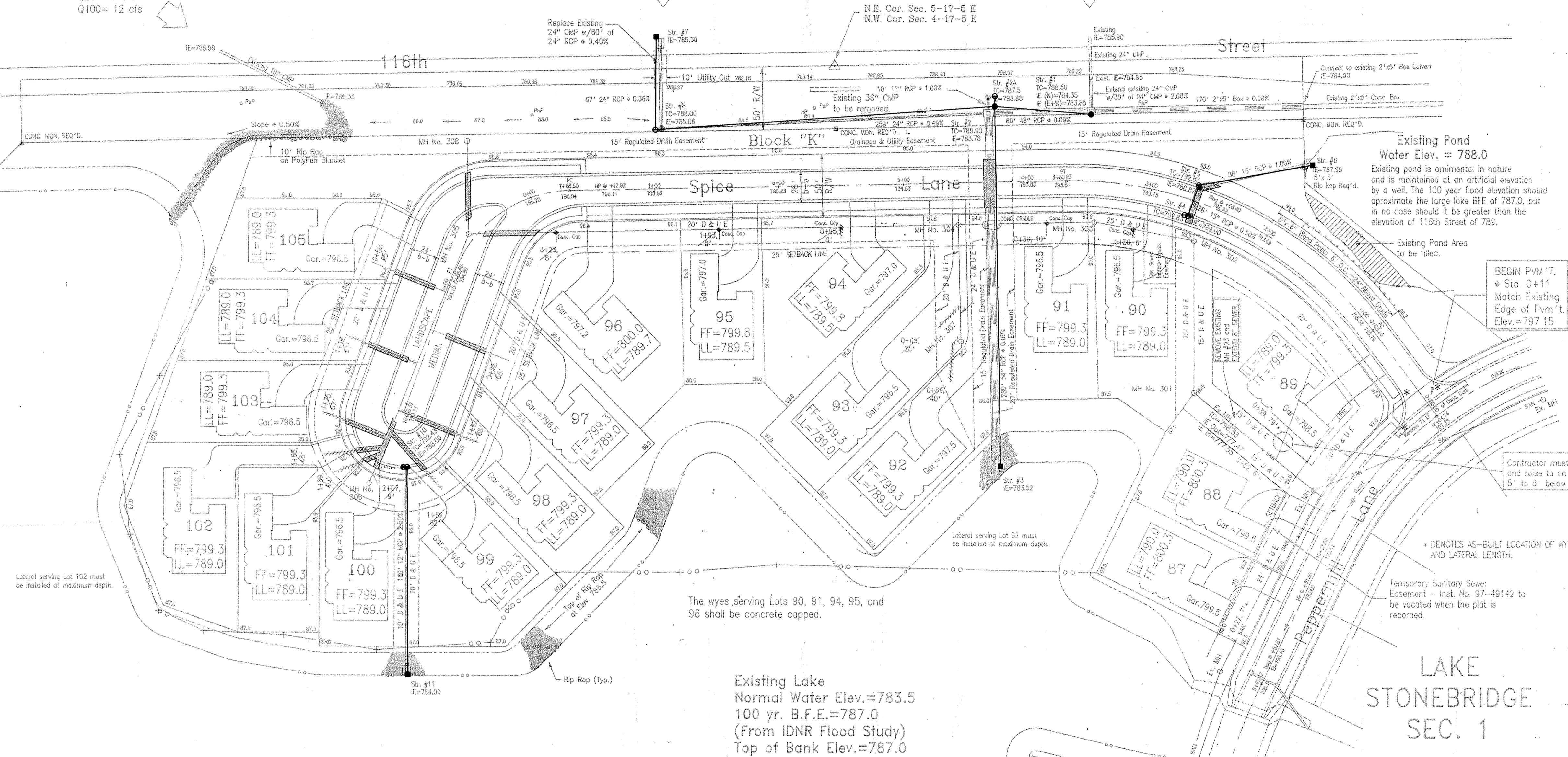
FILED
APR 26 2000
OFFICE OF HAMILTON COUNTY SURVEYOR

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

8 ac.
CN = 62
Tc = 0.5 hr.
Q10 = 6 cfs
Q25 = 7 cfs
Q100 = 12 cfs

15 ac.
CN = 65
Tc = 0.5 hr.
Q10 = 13 cfs
Q25 = 17 cfs
Q100 = 25 cfs

38 ac.
CN = 71
Tc = 1.0 hr.
Q10 = 30 cfs
Q25 = 38 cfs
Q100 = 55 cfs



BEGIN P.V.M.T.
St. 0+11
Match Existing
Edge of P.V.M.T.
Elev. = 797.15

Contractor must remove lateral and raise to an elevation between 5' to 8' below finished grade.

• DENOTES AS-BUILT LOCATION OF WYE AND LATERAL LENGTH.

Temporary Sanitary Sewer Easement - Plat No. 97-49142 to be vacated when the plat is recorded.

The wyes serving Lots 90, 91, 94, 95, and 96 shall be concrete capped.

Existing Lake
Normal Water Elev. = 783.5
100 yr. B.F.E. = 787.0
(From IDNR Flood Study)
Top of Bank Elev. = 787.0

LAKE STONEBRIDGE SEC. 1

All existing manholes are shown in their "As-Built" locations.

If utility line installation or relocation encroaches into or interferes with the existing sanitary sewer the contractor shall low pressure air, mandrel and vacuum test the affected sewer lines prior to any building connection.

LEGEND

- RESIDENTIAL COLLECTOR STREET
- 4" CONC. WALK
- FULL DEPTH GRANULAR BACKFILL
- PROPOSED SANITARY SEWER & MH
- PROPOSED 6" LATERAL
- PROPOSED STORM SEWER & INLET
- EXISTING SEWER
- 4" SUB SURFACE DRAIN
- SIDEWALK CURB RAMPS
Curb ramps to conform with the American Disabilities Act (ADA) Section 4.03. (See Detail on sheet 3008)
- SUB SURFACE DRAIN LOT CONNECTION
- N.P. NO PAD IS TO BE CONSTRUCTED.
Recommended Finished Floor Elev. Shown

SANITARY SEWER NOTES:

- 1) Manhole or clean-out castings may need to be elevated after final grading to insure drainage away from structures.
- 2) Pavement or concrete, including driveways and sidewalks must not be constructed on or within one (1) foot horizontal distance of sanitary sewer manhole castings.
- 3) All rough grading (on-site and off-site) must be finished to within one (1) foot of final grade prior to the start of construction of the sanitary sewer infrastructure.
- 4) All laterals shall terminate within a sanitary sewer easement.
- 5) At the inspectors discretion, a concrete cradle may be required for all lateral/utility crossings.
- 6) Sanitary sewer facilities, including mains and laterals must maintain five (5) feet of cover from the top of pipe to grade. If adequate cover cannot be maintained, then concrete capping must be installed where cover is four (4) to five (5) feet and concrete encasement must be installed when cover is three (3) to four (4) feet. Under no circumstances will cover be permitted to be less than three (3) feet.
- 7) All benchmarks shall extend to the crown of the highest influent pipe.
- 8) No trees, shrubbery or similar growths shall be planted, or allowed to grow, directly over or within ten (10) feet horizontal distance measured from the drip line of the planting to sanitary sewer mains, laterals, building sewers or manholes.
- 9) The top of slope of earthen mounding shall not be placed within ten (10) feet horizontal distance of sanitary sewer mains, lateral, building sewers or manholes.

Local Benchmark: Cut in top of curb on the West side of Lake Stonebridge Lane 20' North of bridge Elev. = 797.92 (NGVD 29). To convert to NAVD 1988 use 797.55

STORM STRUCTURE TABLE

Str. No.	Type	Castng	TC Elev.	Inv. Elev.	Size
1	Yard Inlet	R-4342	788.50	783.68	72" x 72"
2	Yard Inlet	R-4342	787.50	783.27	72" x 72"
3	Conc. Slope Wall			782.26	
4	Dbl. Curb Inlet	R-3501 N	792.83	789.00	24" x 24"
5	Curb Inlet	R-5301 N	792.83	788.87	30" x 30"
6	Conc. End Section			787.99	
7	Conc. End Section			785.30	
8	Yard Inlet	R-4342	788.00	785.06	36" x 36"
9	Conc. End Section			784.33	
10	Dbl. Curb Inlet	R-3501 N	792.43	788.00	24" x 24"
11	Conc. End Section			784.00	

The latest Hamilton Southeastern Utilities Standard Details and Specifications are to be used on this project

NOTE: All storm sewer structures greater than 3 feet in depth shall have a minimum inside width or diameter of 3.0 feet. Steps shall also be install.

Benchmark: RR Spike with aluminum tag stamped "IDNR T.B.M. MC 3 1989" set in the N.W. Side of the wood piling on the west side of the Fall Road bridge over Mud Creek. Elev. = 786.86 (NGVD 29). To convert to NAVD 1988 use 786.53.

DATES AND REVISIONS	
Rev. per comments of 6-24-99 T.A.C.	9/21/99 Rev. slope str. 1, 2 and 3
9/30/99 Rev. Str. 9 to Str. 2	

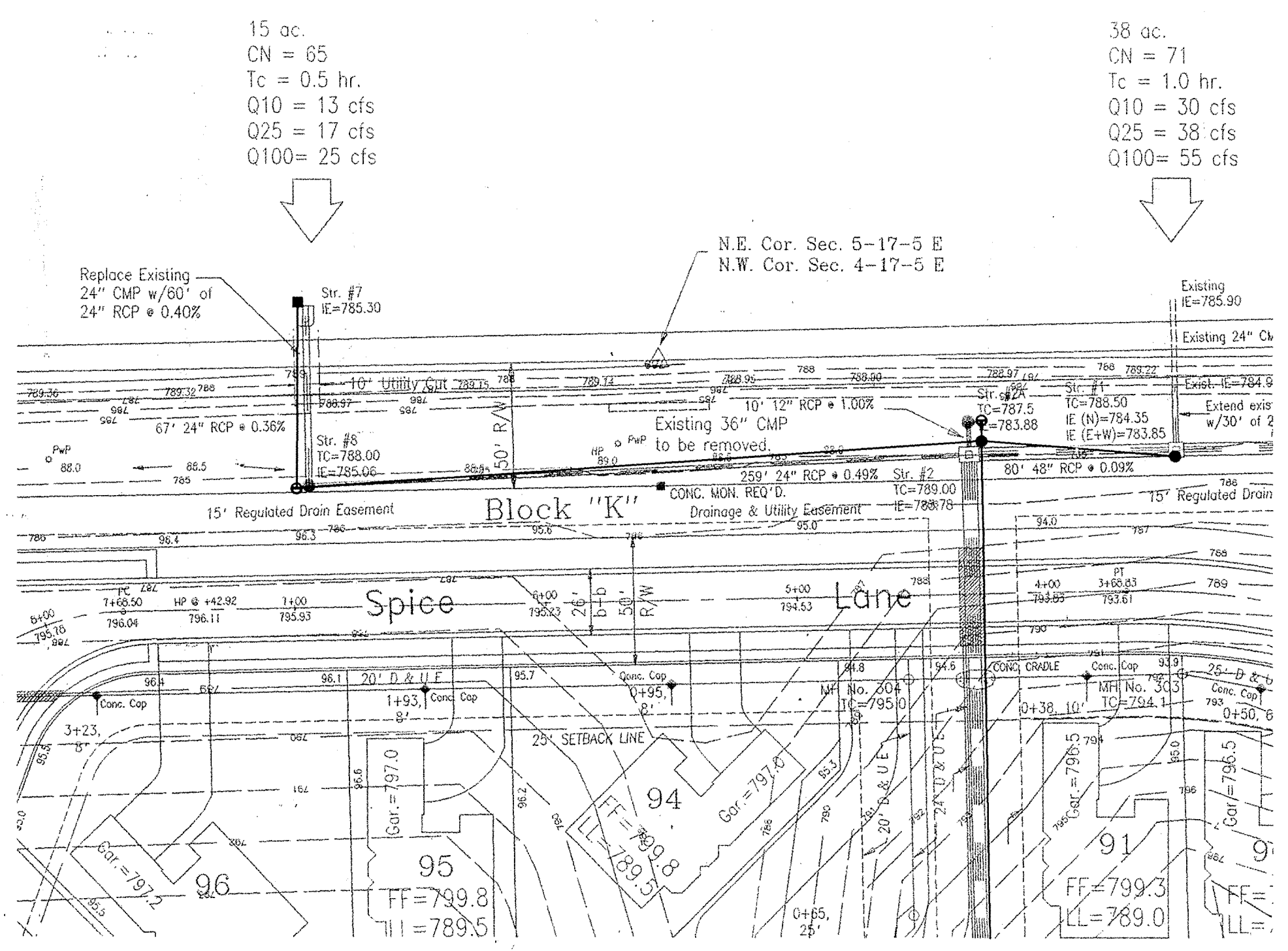
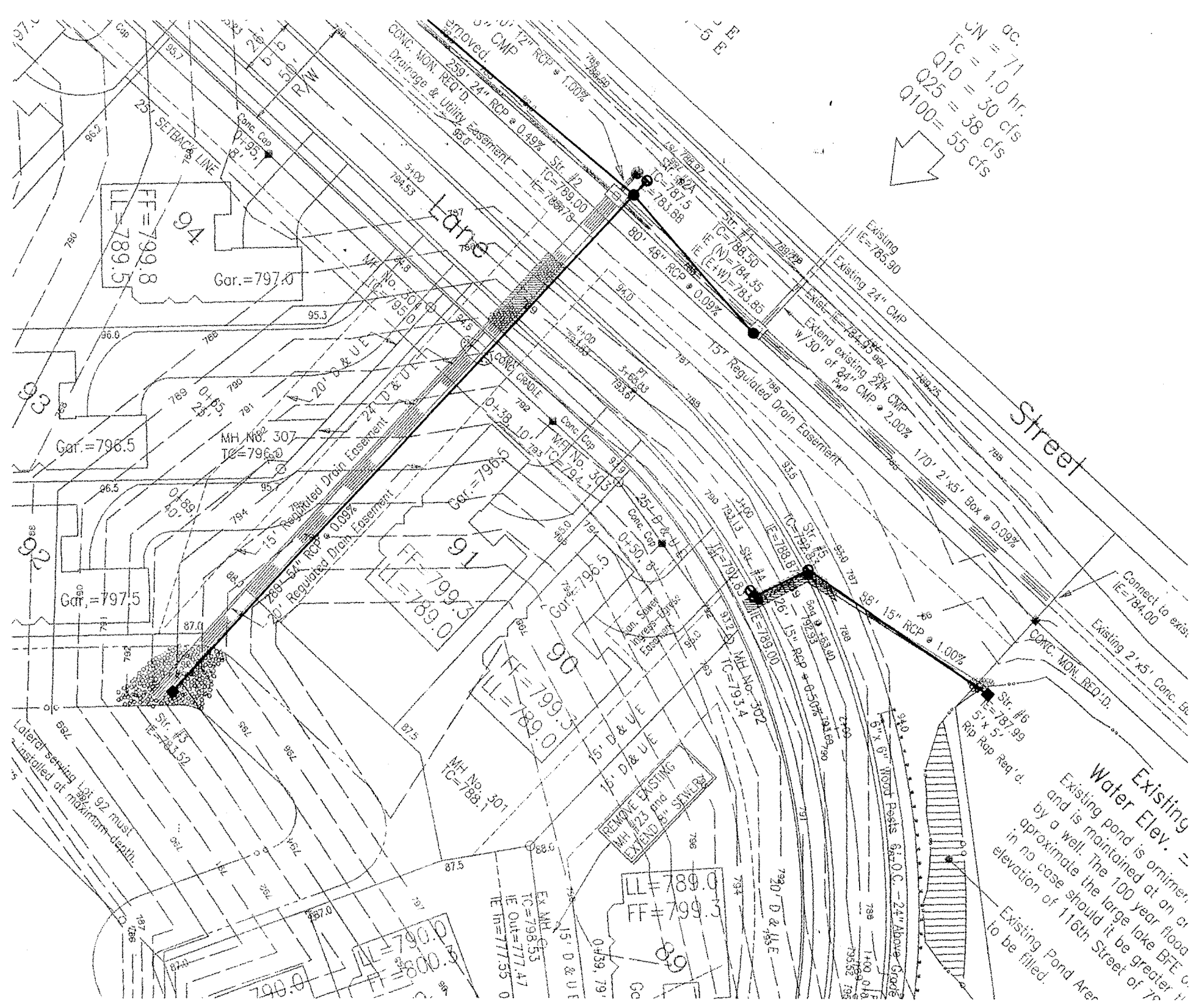
CONSTRUCTION RECORD DRAWING

Horizontal As-Built Storm
Lake Stonebridge Section 3
Fall Creek Township, Hamilton County, Indiana
DESIGN BY: ALK
DRAWN BY: LEM
CHECKED: []
APPROVED: []

"RECORD DRAWING" CERTIFICATION
 CERTIFIED BY: *Arthur L. Koser*
 Arthur L. Koser, P.L.S.,
 Evergreen Planners, Inc.,
 234 South Franklin Road
 Indianapolis, Indiana 46219
 REGISTERED PROFESSIONAL LAND SURVEYOR
 No. S-0529
 STATE OF INDIANA

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

FILED
APR 26 2000
OFFICE OF HAMILTON COUNTY SURVEYOR
DATE: Feb., 2000
JOB NO. 91-16-3
SCALE 1" = 50'
SHEET NO. 3 of 19



- LEGEND**
- RESIDENTIAL COLLECTOR STREET
 - 4" CONC. WALK
 - FULL DEPTH GRANULAR BACKFILL
 - PROPOSED SANITARY SEWER & MH
 - PROPOSED 6" LATERAL
 - PROPOSED STORM SEWER & INLET
 - EXISTING SEWER
 - 4" SUB SURFACE DRAIN
 - SIDEWALK CURB RAMPS
Curb ramps in conformance with the
Americans with Disabilities Act (ADA)
Section 4.7, "Curb Ramps"
(See Detail on Detail Sheet)
 - SUB SURFACE DRAIN LOT CONNECTION
- N.P. NO PAD IS TO BE CONSTRUCTED.
Recommended Finished Floor Elev. Shown

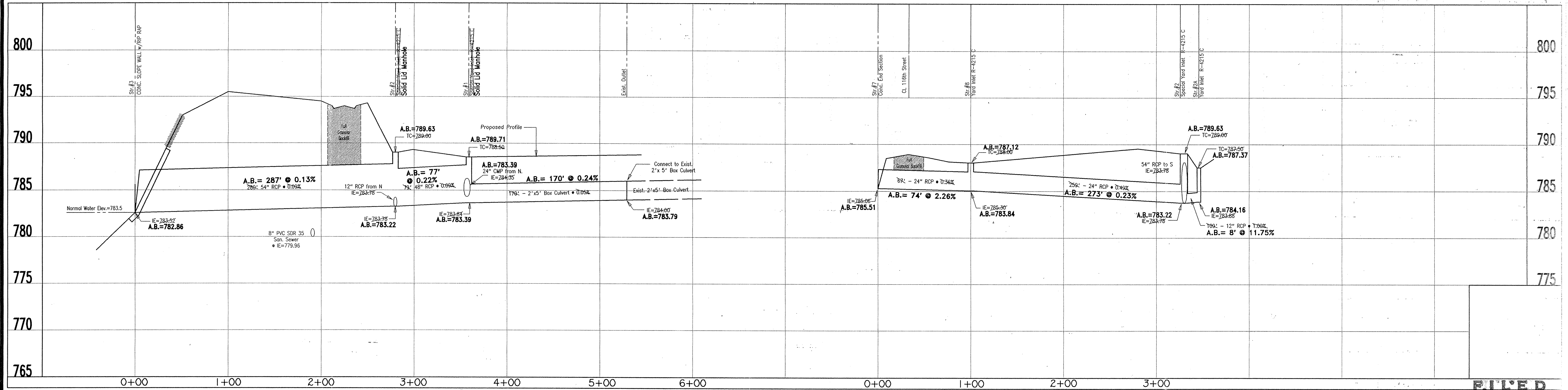
"RECORD DRAWING" CERTIFICATION

CERTIFIED BY: *Arthur L. Koser*

Arthur L. Koser, P.L.S.
 Evergreen Planners, Inc.
 234 South Franklin Road
 Indianapolis, Indiana 46219

I, the above signed, certify that the record drawing information
 presented on this sheet was prepared 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.

ARTHUR L. KOSER
 REGISTERED
 No. S-0529
 STATE OF INDIANA
 LAND SURVEYOR



FILED

APR 26 2000
OFFICE OF HAMILTON COUNTY SURVEYOR
P.E. 2606

CONSTRUCTION RECORD DRAWING

**Storm Structures 1-3 & 7-9
Lake Stonebridge Section 3**

Fall Creek Township, Hamilton County, Indiana

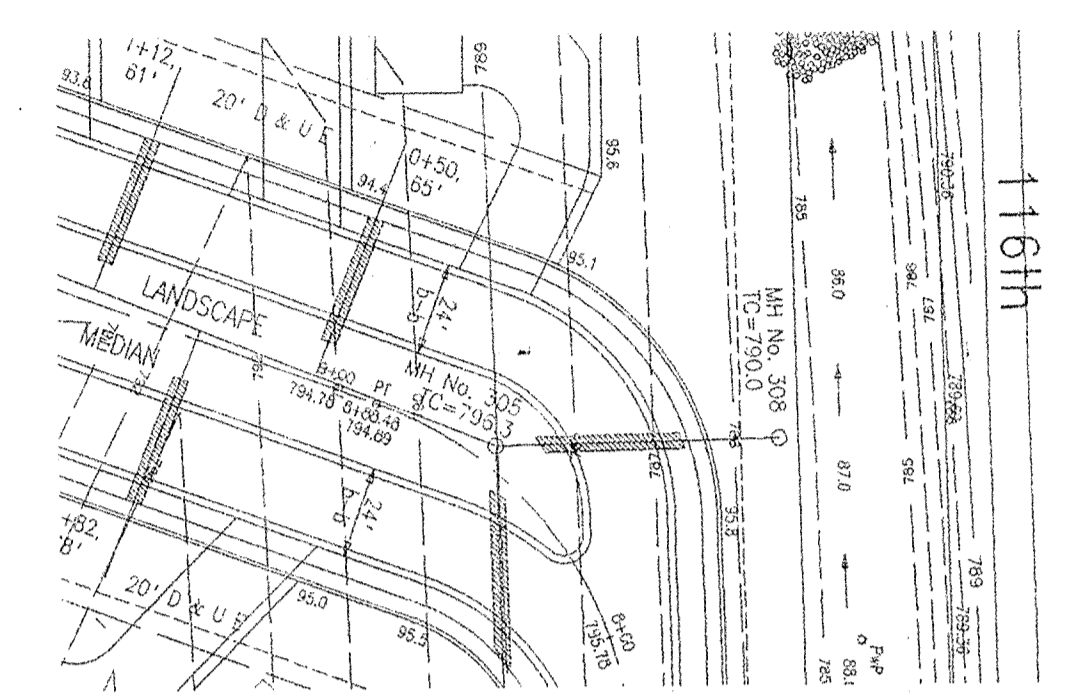
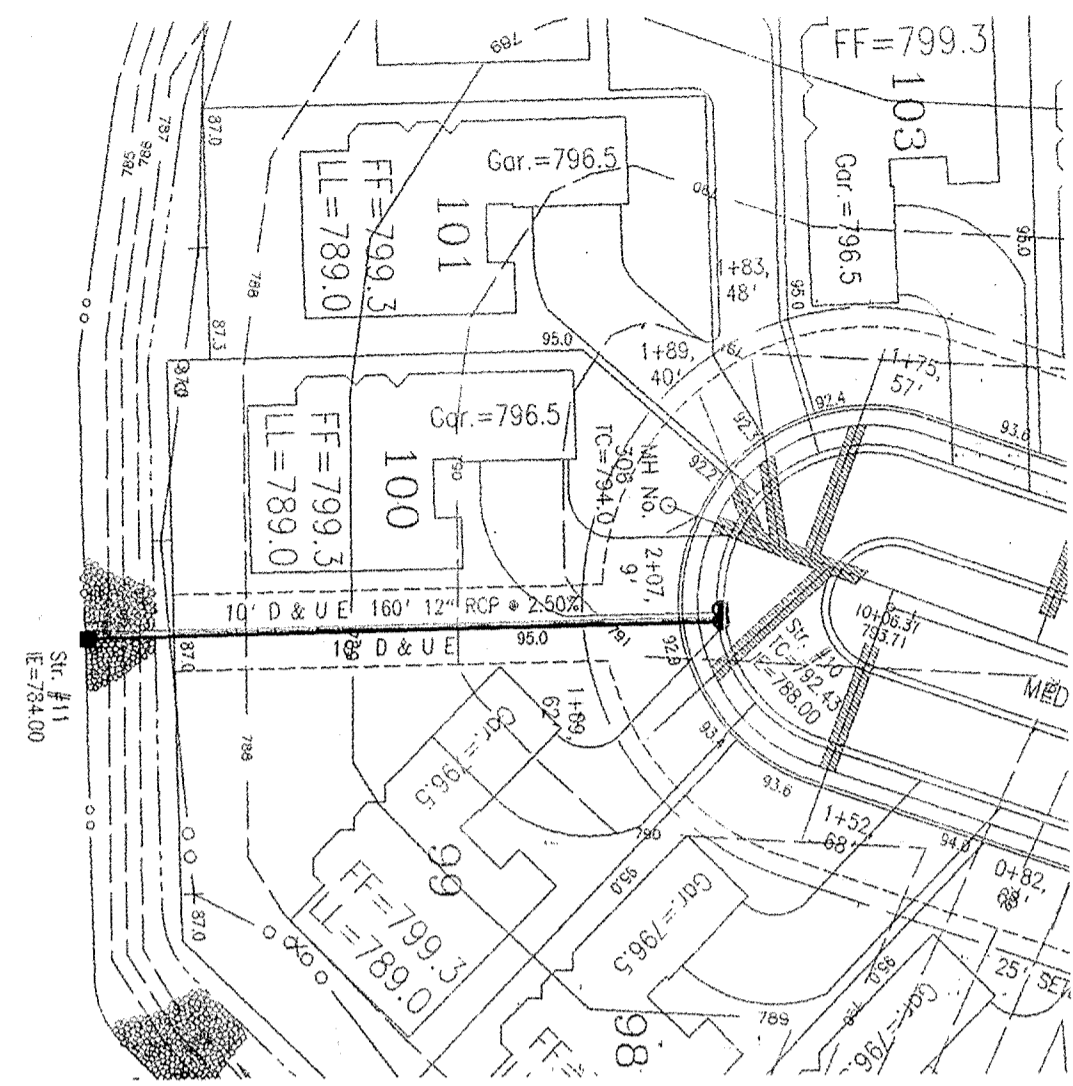
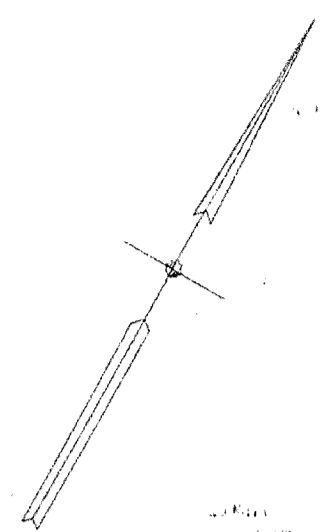
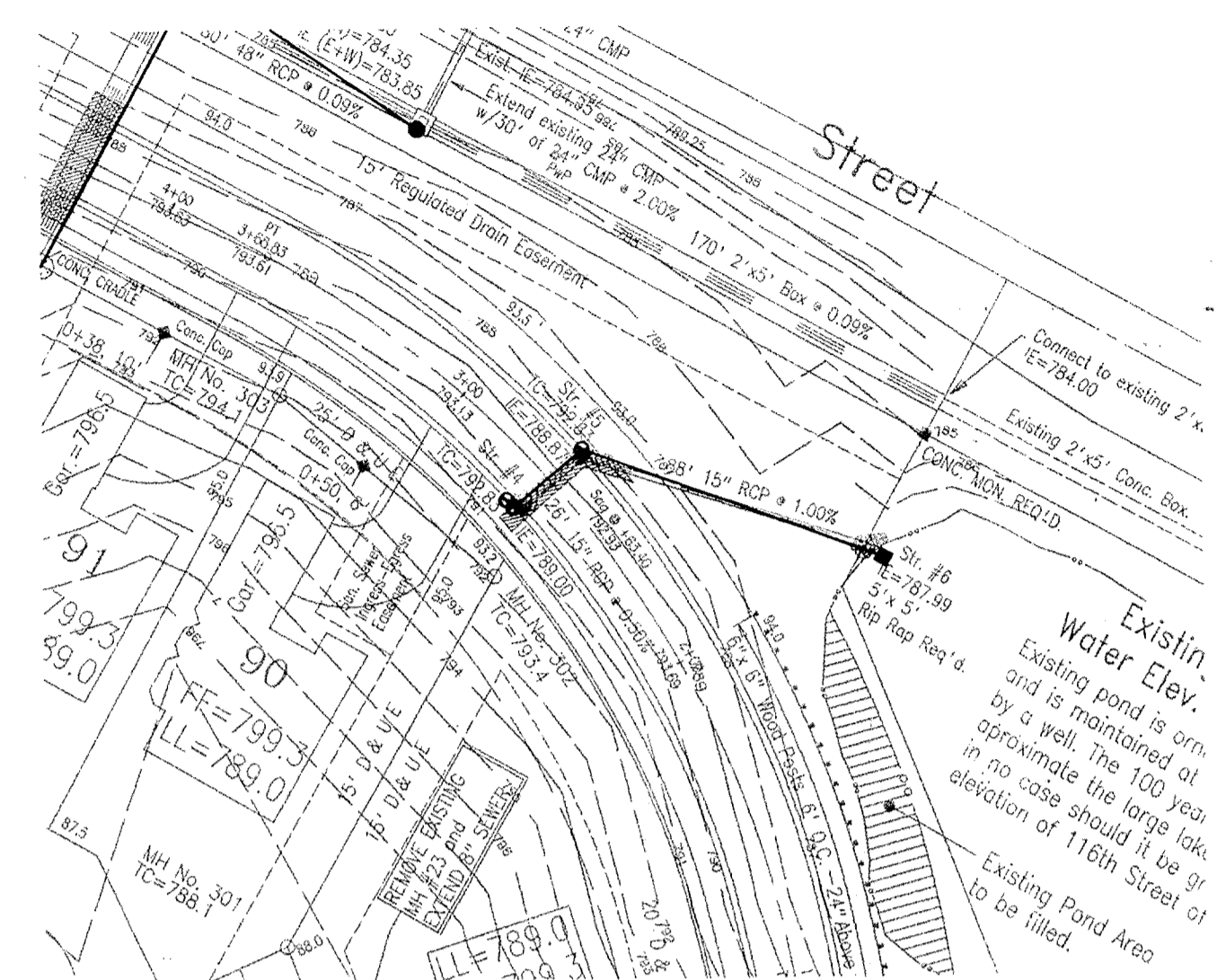
DATES AND REVISIONS 8/21/99 Changed 3x5 to 54" RCP, added 48" RCP 9/21/99 Changed slope per Ham. Co. Surveyor 9/30/99 Connected Str. 8 w/ Str. 2 10/08/99 Added Str. No. 2A	DESIGN BY ALK	DRAWN BY LEM	CHECKED APPROVED
--	-------------------------	------------------------	----------------------------

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

JOB NO. 91-16-3
 SCALE: Horiz. 1" = 50'
 Vert. 1" = 5'
 SHEET NO. 7 of 19

Wed Jan 29 08:04:01 2000
 /fsr/wcs/legends/stonebridge/sec3/ob.storm1.plt

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



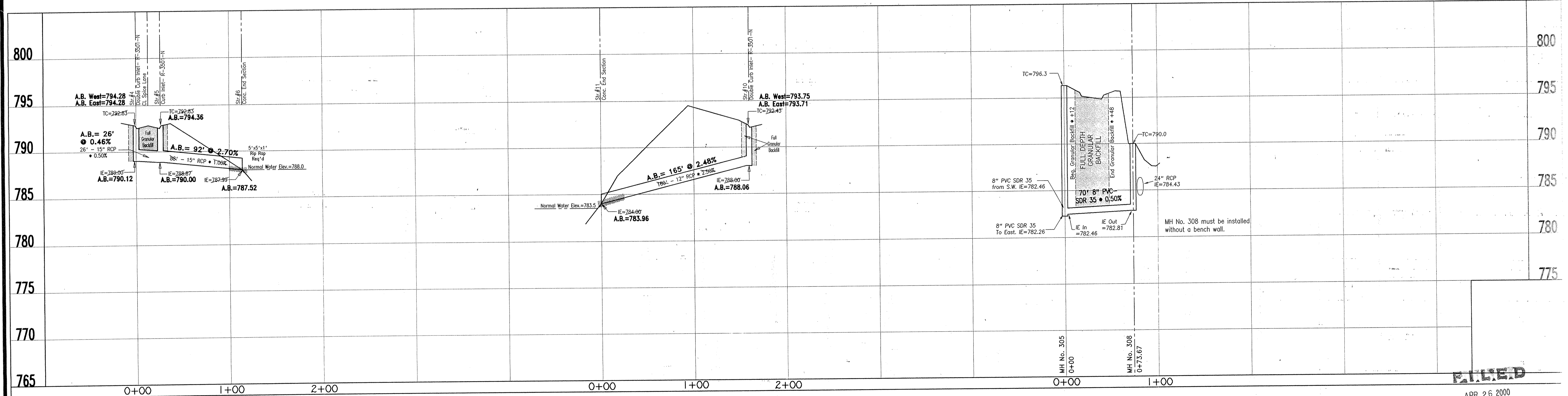
- LEGEND**
- RESIDENTIAL COLLECTOR STREET
 - 4" CONC. WALK
 - FULL DEPTH GRANULAR BACKFILL
 - PROPOSED SANITARY SEWER & MH
 - PROPOSED 6" LATERAL
 - PROPOSED STORM SEWER & INLET
 - EXISTING SEWER
 - 4" SUB SURFACE DRAIN
 - * SIDEWALK CURB RAMPS
Curb ramps to conform with the American Disabilities Act (ADA) Section 4.7, "Curb Ramps". (See Detail on Detail Sheet)
 - SUB SURFACE DRAIN LOT CONNECTION
 - N.P. NO PAD IS TO BE CONSTRUCTED. Recommended Finished Floor Elev. Shown

"RECORD DRAWING" CERTIFICATION

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

STATE OF INDIANA
 REGISTERED LAND SURVEYOR
 No. S-0529

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

APR 26 2000

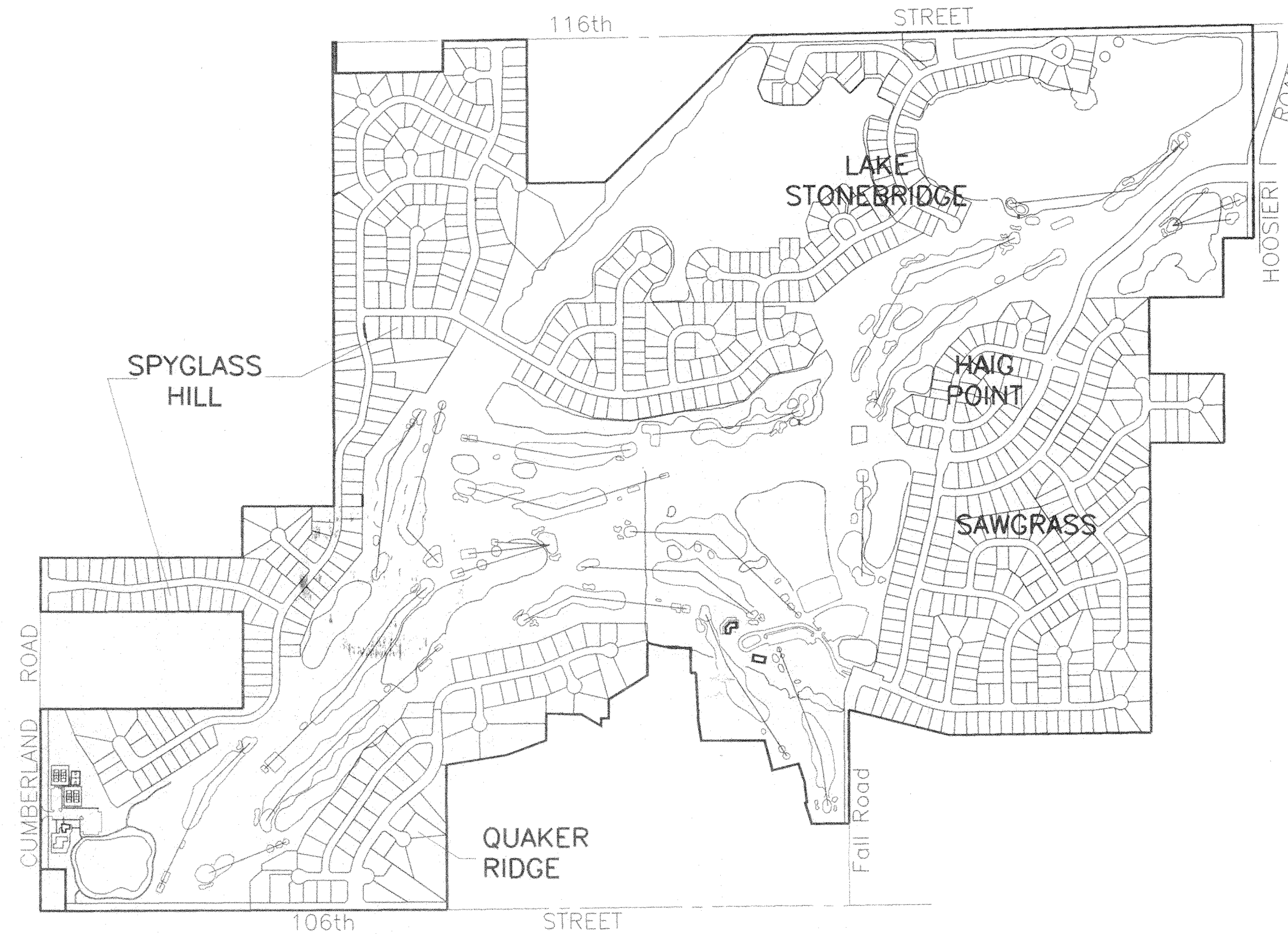
DATES AND REVISIONS 7/26/99 Added Sanitary MH No.'s 305 to 308		TITLE Storm Structures 4-6, 9 & 10 Lake Stonebridge Section 3		OFFICE OF HAMILTON COUNTY SURVEYOR	
DESIGN BY ALK	DRAWN BY LEM	CHECKED []	APPROVED []	DATE Feb., 2000	JOB NO. 91-16-3
Evergreen Planners, Inc. 234 SOUTH FRANKLIN RD., INDIANAPOLIS, INDIANA 46219 317/353-6161				SCALE Horiz. 1" = 50' Vert. 1" = 5'	SHEET NO. 8 of 19

CONSTRUCTION "RECORD DRAWINGS" FOR Lake Stonebridge, Section 1 and the William McKinstry Drain

Fall Creek Township, Hamilton County, Indiana



SUBDIVISION LOCATION




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

The latest Hamilton Southeastern Utilities
Standard Details and Specifications are to
be used on this project.

PREPARED FOR :
Land Innovators Co.
234 S. Franklin Road
Indianapolis, Indiana 46219

PREPARED BY :
Arthur L. Kaser
Registered Land Surveyor
Indiana Reg. No. S0529



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: 11/15/00

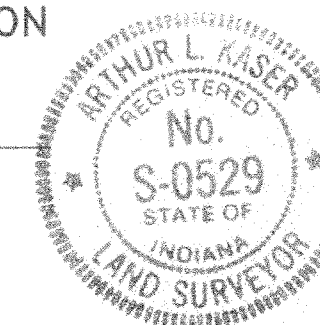
Entered by: SLM

INDEX		REVISIONS	
No.	DESCRIPTION	No.	DATE
1	COVER SHEET		
2	Storm Structures 28 to 36		
3	Outlet pipe Details - William McKinstry Regional Detention Lake		

CERTIFIED BY : _____
DATE : _____

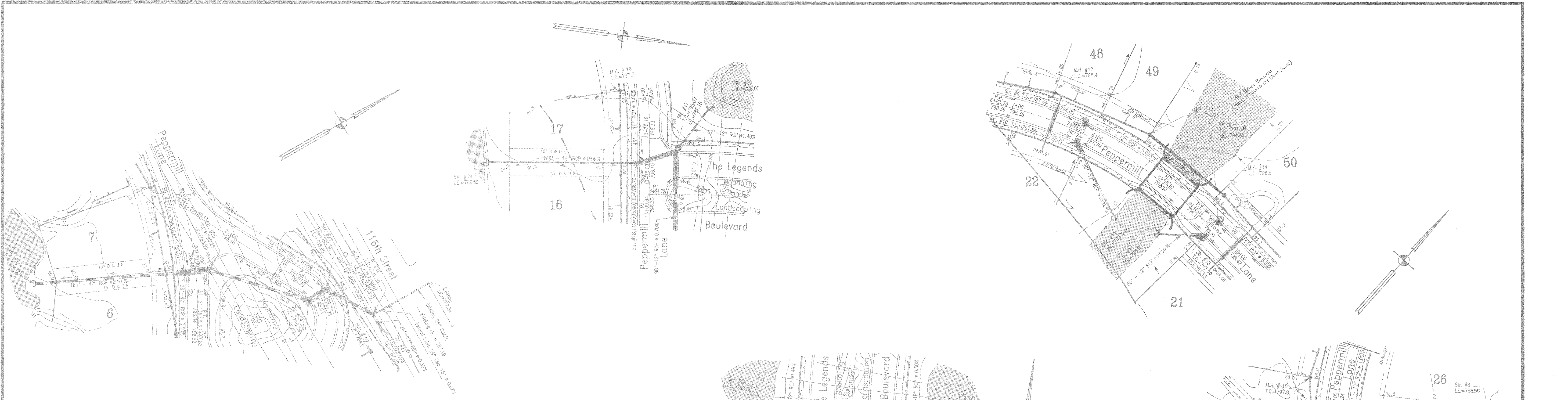
"RECORD DRAWING" CERTIFICATION

CERTIFIED BY: Arthur L. Kaser
Arthur L. Kaser, P.L.S.
Evergreen Planners, Inc.
234 South Franklin Road
Indianapolis, Indiana 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
AUG 08 2000
OFFICE OF HAMILTON COUNTY SURVEYOR

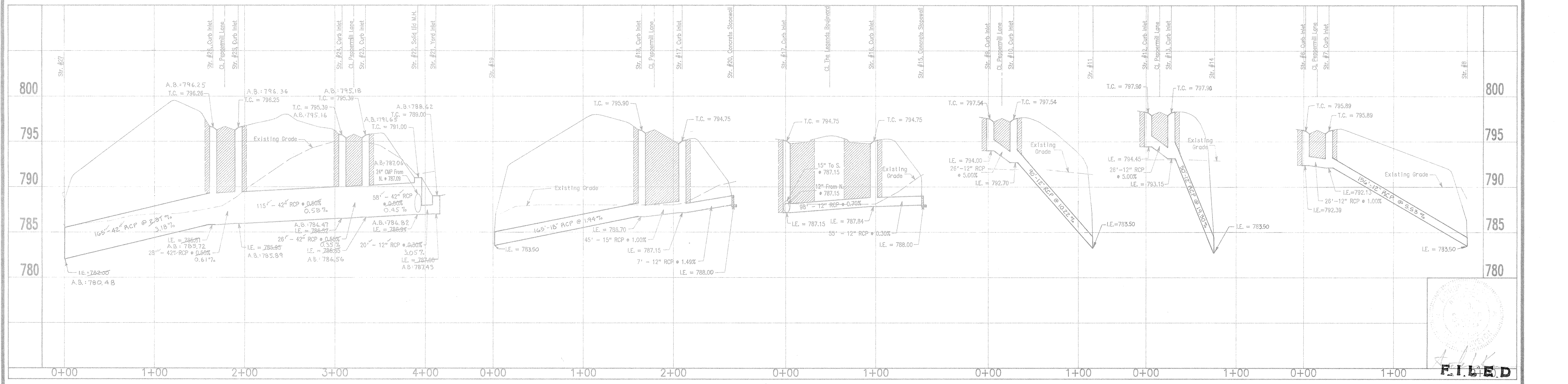
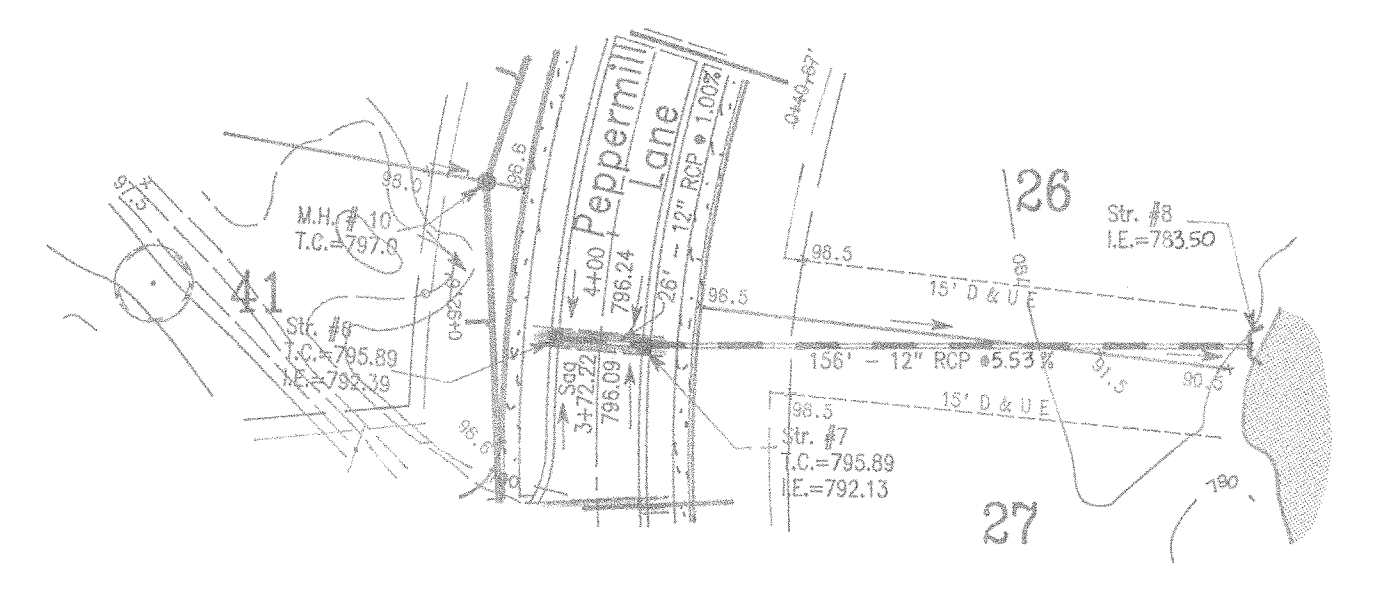
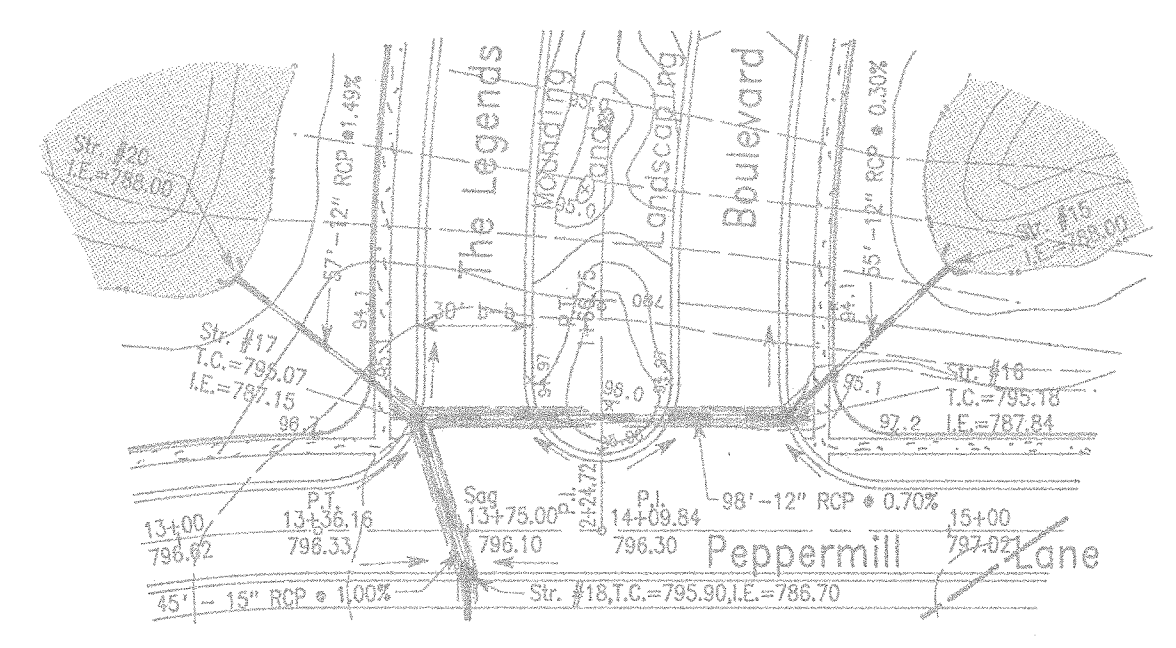


"RECORD DRAWING" CERTIFICATION

CERTIFIED BY: *Arthur L. Kaser*
 Arthur L. Kaser, P.L.S.
 Evergreen Planners, L.L.C.
 234 South Franklin Road
 Indianapolis, Indiana 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.

- LEGEND**
- 4" CONCRETE WALK
 - FULL DEPTH GRANULAR BACKFILL
 - PROPOSED SANITARY SEWER & MH
 - PROPOSED 6" LATERAL
 - PROPOSED STORM SEWER & INLET
 - EXISTING SEWER



DATES AND REVISIONS

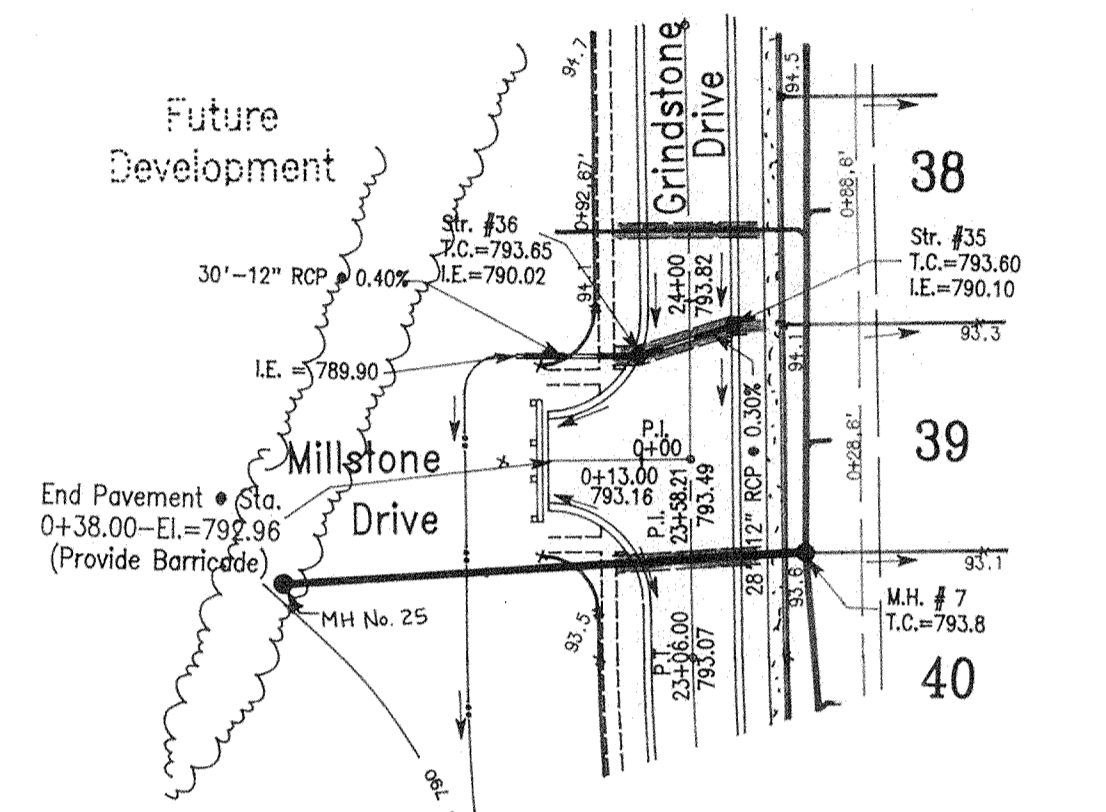
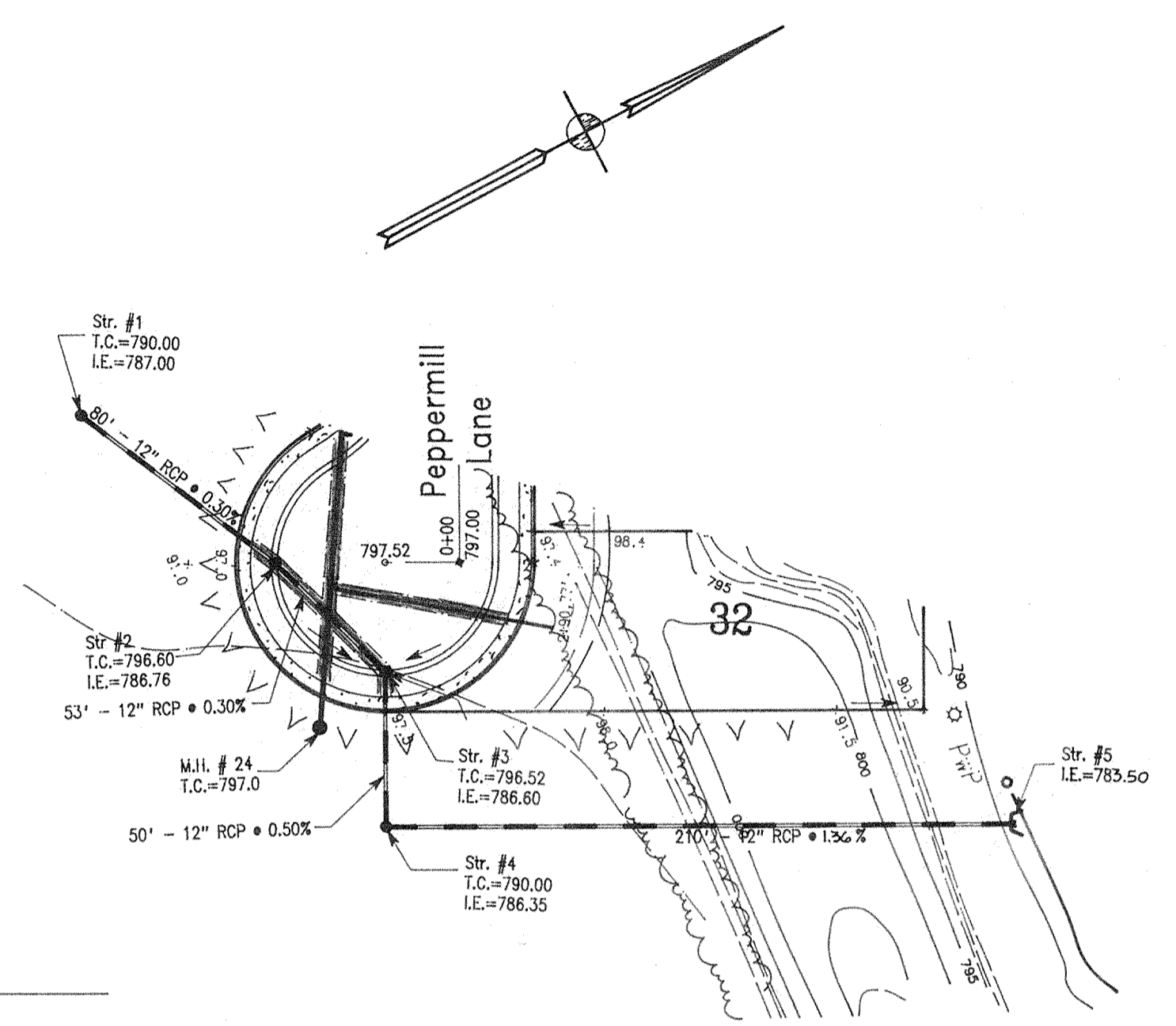
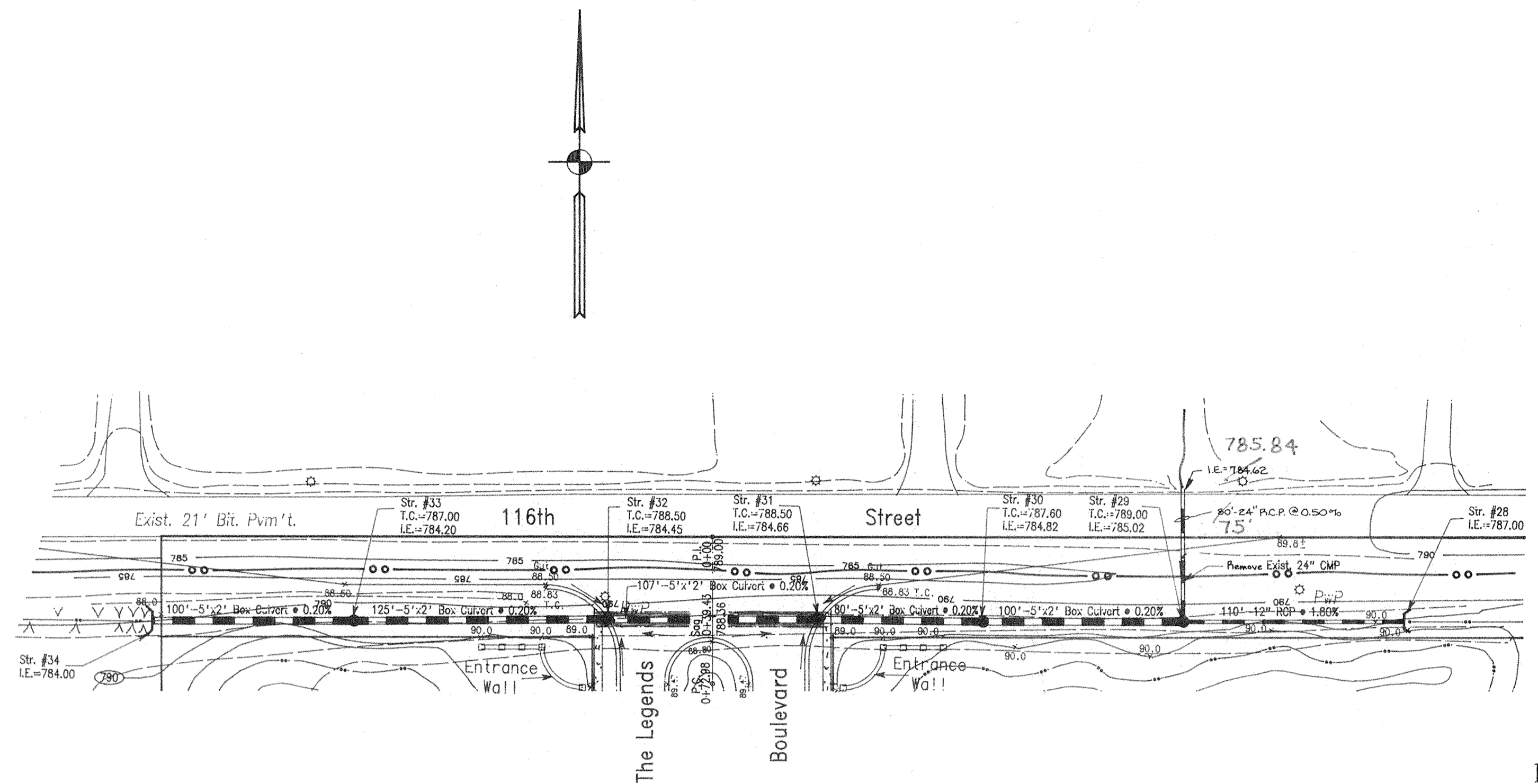
11-10-93	Revised per H.S.E. & Hom. Co. T.A.C.
1-14-94	Revised per H.S.E.

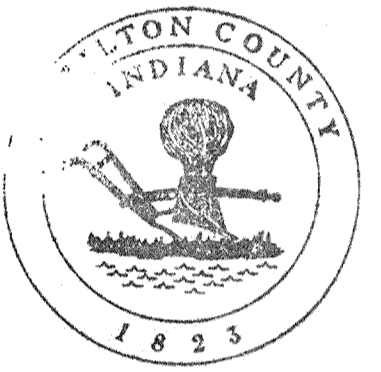
TITLE
 Storm Structures 6-27
 Peppermill Pond Sec. 1 in The Legends at Geist
 Town of Fishers, Hamilton County, Indiana


DESIGN BY ALK
DRAWN BY RGS
CHECKED
APPROVED

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

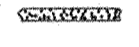





OFFICE OF HAMILTON COUNTY SURVEYOR
 DATE: September, 1999
 JOB NO. 91-16-1
 SCALE: Horiz. 1" = 50'
 Vert. 1" = 5'
 SHEET NO. 17 of 26

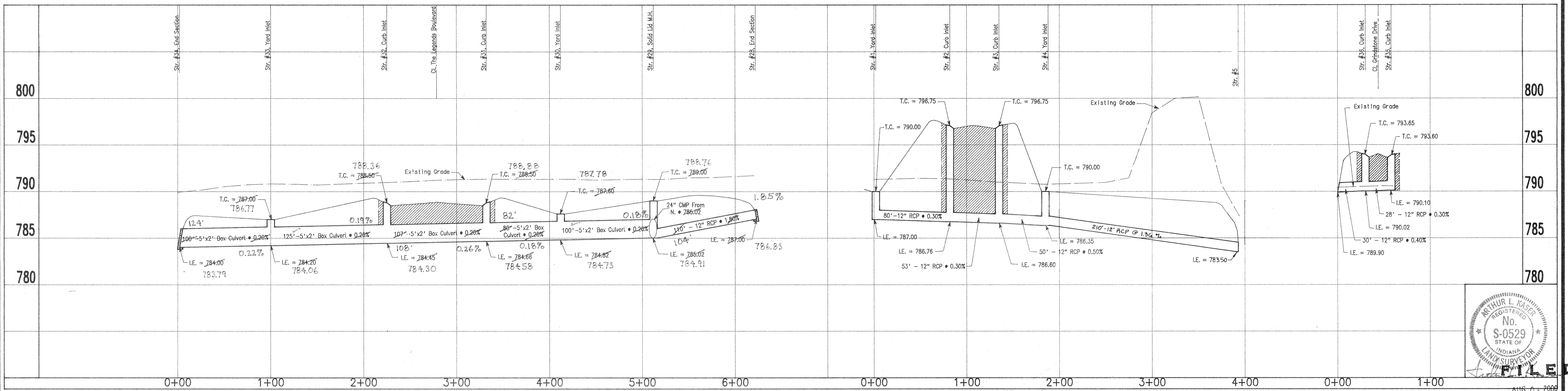


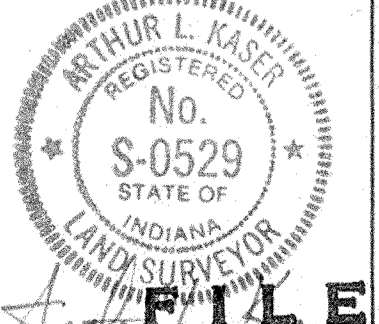

 This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.
 Entry Date: 11/15/00
 Entered by: SLM

"RECORD DRAWING" CERTIFICATION
 CERTIFIED BY: Arthur L. Kaser
 Arthur L. Kaser, P.L.S.
 Evergreen Planners, Inc.
 234 South Franklin Road
 Indianapolis, Indiana 46219
 6/30/99


LEGEND

-  4" CONCRETE WALK
-  FULL DEPTH GRANULAR BACKFILL
-  PROPOSED SANITARY SEWER & MH
-  PROPOSED 6" LATERAL
-  PROPOSED STORM SEWER & INLET
-  EXISTING SEWER



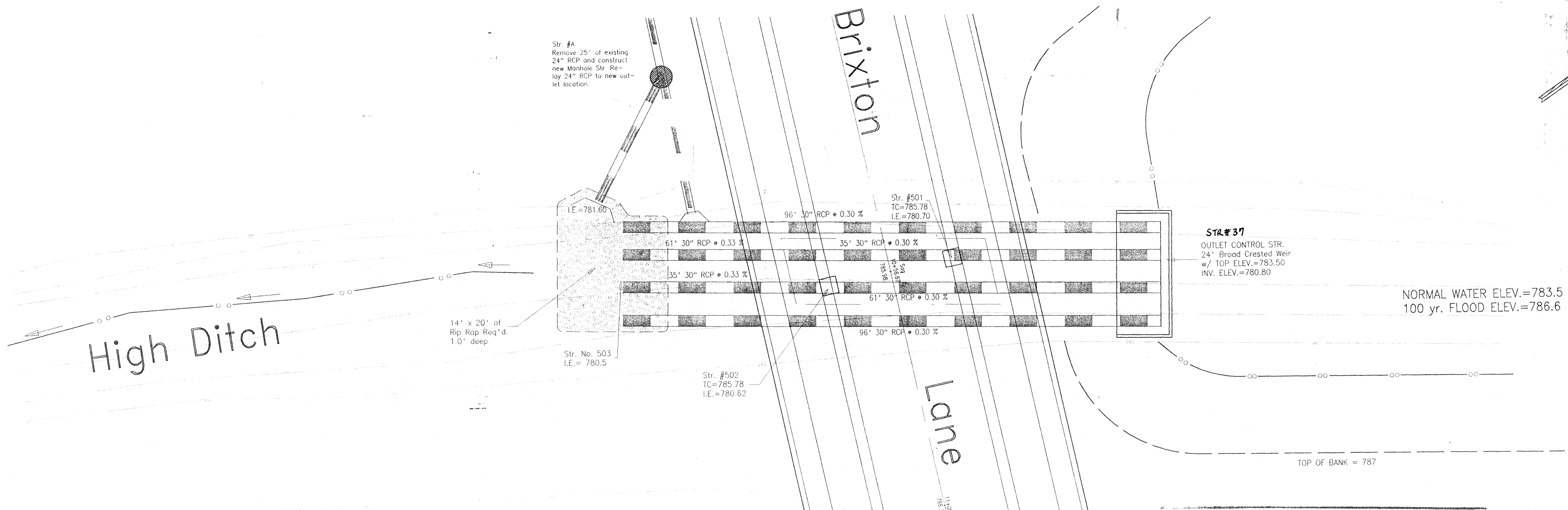

 FILED
 AUG 02 2000
 OFFICE OF HAMILTON COUNTY SURVEYOR

DATES AND REVISIONS	
1-14-94	Revised per H.S.E.

TITLE
 Storm Structures 1-5,28-36
 Peppermill Pond Sec. 1 in The Legends at Geist
 Town of Fishers, Hamilton County, Indiana
DESIGN BY ALK
DRAWN BY RGS
CHECKED
APPROVED


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

DATE September, 1993
JOB NO. 91-16-1
SCALE Horiz. 1" = 50'
 Vert. 1" = 5'
SHEET NO. 18 of 26



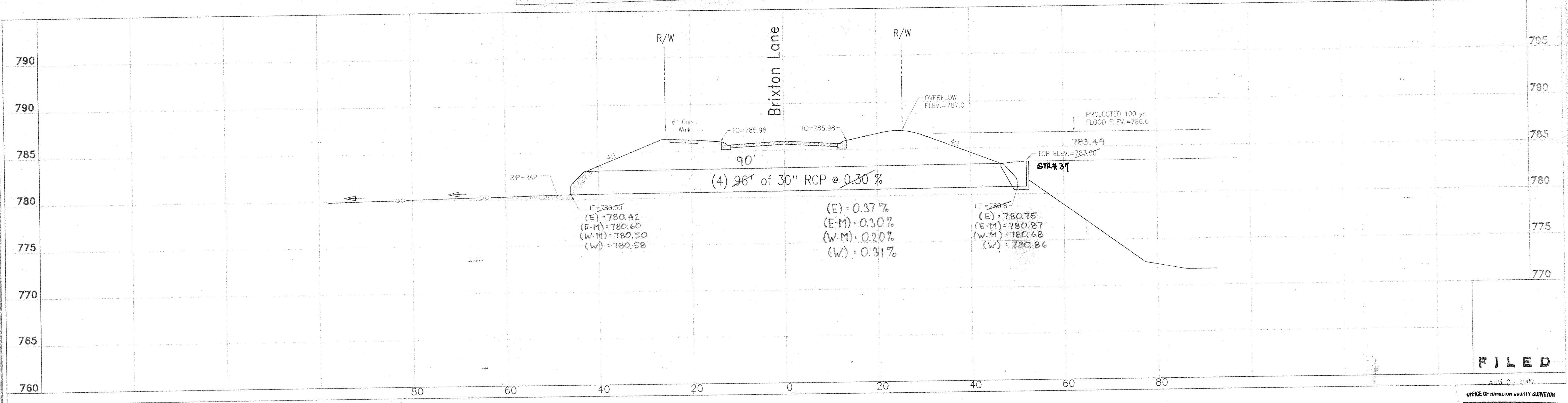
NORMAL WATER ELEV.=783.5
100 yr. FLOOD ELEV.=786.6

TOP OF BANK = 787

"RECORD DRAWING" CERTIFICATION
 CERTIFIED BY: *Arthur L. Kasar*
 Arthur L. Kasar, P.L.S.
 Evergreen Planners, Inc.
 234 South Franklin Road
 Indianapolis, Indiana 46219
 6/30/97
 REGISTERED PROFESSIONAL LAND SURVEYOR
 No. S-0528
 STATE OF INDIANA

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.

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 Entry Date: 11/15/99
 Entered by: SLM



FILED

OFFICE OF HAMILTON COUNTY SURVEYOR

DATES AND REVISIONS		TITLE Outlet Pipe Details for William McKistray Regional Detention Lake Fall Creek Township, Hamilton County, Indiana		 Evergreen Planners, Inc. 234 SOUTH FRANKLIN RD., INDIANAPOLIS, INDIANA 46219 317/353-6161	DATE March, 1997
DESIGN BY ALK	DRAWN BY ALK	CHECKED	APPROVED		JOB NO. 91-18-5
					SCALE Horz. 1" = 10' Vert. 1" = 5'
					SHEET NO. 1 of 1