

Drain: THORP RUN **Drain #:** 309
Improvement/Arm: BROOKS LANDING SEC 1
Operator: J. LIVINGSTON **Date:** 10-27-03
Drain Classification: Urban/Rural **Year Installed:** 1999

GIS Drain Input Checklist

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



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

May 20, 1998

TO: Hamilton County Drainage Board

RE: Thor Run Drain, Brooks Landing Section 1 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the **Thor Run Drain, Brooks Landing Section 1 Arm** 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 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:

Open Ditch 1032 ft	15"	RCP 424 ft	27"	RCP 374 ft
6" SSD 8853 ft	18"	RCP 838 ft	30"	RCP 1724 ft
12" RCP 746 ft	24"	RCP 548 ft	48"	RCP 64 ft

The total length of the drain will be 12793 feet. 14,603

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. The portion of the SSD which will be regulated other than those under curbs are as follows: South side of Lot 1

The open ditch listed above is that portion of Thor Run adjacent to Lots 18, 20-25 and 27-31.

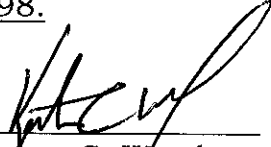
I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$50.00 per lot, \$5.00 per acre for roadways, with a

\$50.00 minimum. With this assessment for this drain/this section will be \$3,677.56.

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 **Brooks Landing, Section 1** as recorded in the office of the Hamilton County Recorder.

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



Kenton C. Ward
Hamilton County Surveyor
KCW/kkw

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

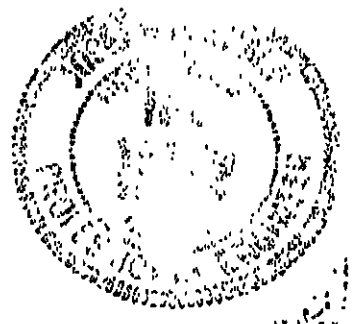
RE: BROOKS LANDING, SECTION ONE

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 referenced 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 all plans and specifications.

Signature: Joseph A. Sharp Date: 7. 12. 02
 Type or Printed Name: Joseph A. Sharp
 Business Address: 7172 Graham Road
Indianapolis, IN, 46250
 Telephone: (317) 842-6777

INDIANA REGISTERED NUMBER
15179





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 5, 2003

Re: Thor Run Drain: Brooks Landing Sec. 1

Attached are as-builts, certificate of completion & compliance, and other information for Brooks Landing Sec. 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 May 20, 1998. The report was approved by the Board at the hearing held June 28, 1998. (See Drainage Board Minutes Book 4, Pages 555-556)
 The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
704	839.64	826.14				
799	840.96	828.16	30	115.6	116	-0.4
799	840.96	828.16				
727	840.88	828.38	30	27.9	28	-0.1
727	840.88	828.38				
728	833.46	829.26	30	184.9	183	1.9
728	833.46	830.06				
729	837.79	832.19	30	278.8	300	-21.2
729	837.79	832.29				
730	838.55	832.35	30	91.1	91	0.1
730	838.55	832.5				
731	838.25	833.45	30	177.6	177	0.6
731	838.25	833.5				
732	839.75	833.8	30	240.3	240	0.3
732	839.75	833.9				
733	839.81	834.01	27	28.5	28	0.5
740	839.15	836.25				
739	839.29	836.15	12	28.1	28	0.1
739	839.29	836.1				
729	837.79	832.64	15	145	153	-8
733	839.81	834.01				
734	839.82	834.67	27	173.3	178	-4.7

734	839.82	834.67				
735	842.01	835.08	27	173.5	168	5.5
735	842.01	835.11				
736	842.06	836.56	24	28.1	28	0.1
736	842.06	836.56				
737	841.57	838.37	24	151.7	152	-0.3
737	841.57	838.37				
138	841.38	838.93	18	58.1	65	-6.9
745	836.18	836.18				
744	839.31	835.38	12	202		
744	839.31	835.31				
743	839.32	835.07	12	130.6	131	-0.4
743	839.32	834.9				
742	839.54	834.74	12	28	28	
742	839.54	834.36				
741	840.39	834.13	18	61.3	60	1.3
741	840.39	834.09				
731	838.25	833.95	18	123.7	124	-0.3
731	838.25	833.95				
746	838.92	834.62	18	145	145	
746	838.92	834.72				
747	839.2	835.85	15	28.1	28	0.1
708	841.53	835.13				
709	843.19	836.79	18	210.6	209	1.6
709	843.19	836.79				
710	841.85	838.55	18	234.3	233	1.3
710	841.85	838.63				
711	842.17	839.72	15	46.7	47	-0.3
711	842.17	839.72				
712	842.66	841.11	12	162.9	165	-2.1
712	842.66	841.11				
713	843.15	841.2	12	56.1	56	0.1
716	838.85	837.05				
715	840.97	836.22	15	145.3	146	-0.7
715	840.97	836.22				
714	840.9	836.1	15	28.2	28	0.2
714	840.9	836.1				
708	841.53	835.53	15	23	22	1
709	843.19	836.94				
717	842.99	837.84	12	14.6	15	-0.4
717	842.99	837.84				
718	842.97	839.72	12	43.9	44	-0.1
710	841.85	838.65				
719	842.28	839.18	12	35.6	36	-0.4
719	842.28	837.23				
720	842.27	839.47	12	47.6	47	0.6
701	809.9	809.9				
702	816.98	809.98	48	61.8	64	-2.2

702	816.98	810.18				
703	828.07	822.37	30	159.6	161	-1.4
703	282.07	822.57				
704	839.64	826.04	30	75.3	76	-0.7
704	839.64	829.99				
705	839.7	830.4	30	28.4	28	0.4
705	839.7	830.5				
706	839.95	832.5	30	147.7	147	0.7
706	839.95	832.6				
707	840.15	833.75	30	196	198	-2
707	840.15	833.75				
708	841.53	835.08	24	128.7	135	-6.3

6" SSD Streets:

Christie Ann Drive	745
Brookfield Dr	1351
Madison Brooks Drive	1582
Milton Court	392
Waterway Blvd	81.5
Thor Run Dr	275
X2	

Total: 8853

RCP Pipe Totals:

12	749
15	416
18	833
24	308
27	375
30	1723
48	61

Other Drain:	
Open Ditch	1032

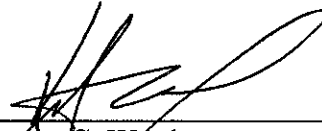
The length of the drain due to the changes described above is now **14,350 feet**.

The non-enforcement was approved by the Board at its meeting on June 28, 1998 and recorded under instrument #9909924008.

The bond or letter of credit from First National Bank & Trust, number 2256; in the amount of \$41,600.00; 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 'Kenfon C. Ward', written over a horizontal line.

Kenfon C. Ward,
Hamilton County Surveyor

KCW/slm

CONSTRUCTION PLANS FOR BROOKS LANDING

Dennis R. Redick, Mayor
City of Noblesville

Developer:
Macs Landing

Site Engineers / Surveyors
Paul I. Cripe Inc.

SECTION 1 AS-BUILTS

2/2/99 BEH



INDEX	
SHT	DESCRIPTION
CS	COVER SHEET
C100	MAP SHEET
C101	EXISTING CONDITIONS/SURVEY INFO SHEET 1
C102	EXISTING CONDITIONS/SURVEY INFO SHEET 2
C103	WATERLINE PLAN SHEET 1 OF 2
C104	WATERLINE PLAN SHEET 2 OF 2
C105	OFFSITE WATERMAIN CONNECTION PLAN
C201	DEVELOPMENT PLAN SHEET 1
C202	DEVELOPMENT PLAN SHEET 2
C203	EROSION CONTROL PLAN SHEET 1
C204	EROSION CONTROL PLAN SHEET 2
C205	EROSION CONTROL DETAILS
C301	STREET PLAN & PROFILE SHEET 1
C302	STREET PLAN & PROFILE SHEET 2
C303	STREET PLAN & PROFILE SHEET 3
C304	STREET PLAN & PROFILE SHEET 4
C305	STREET PLAN & PROFILE SHEET 5
C306	STREET DETAILS
C401	CUL-DE-SAC & INTERSECTION DETAILS SHEET 1
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C403	CUL-DE-SAC & INTERSECTION DETAILS SHEET 3
C404	ENTRANCE DETAIL & TYP. PVMT X-SCCTIONS
C405	TRAFFIC MAINTENANCE PLAN
C406	TRAFFIC CONTROL PLAN
C501	SANITARY PLAN & PROFILE SHEET 1
C502	SANITARY PLAN & PROFILE SHEET 2
C503	SANITARY PLAN & PROFILE SHEET 3
C504	SANITARY PLAN & PROFILE SHEET 4
C505	SANITARY PLAN & PROFILE SHEET 5
C506	SANITARY PLAN & PROFILE SHEET 6
C507	SANITARY SEWER DETAILS/SPECS
C601	FORCE MAIN PLAN, PROF. DET. & SPECS
C602	LIFT STATION DETAIL
C603	LIFT STATION SPECIFICATIONS
C701	STORM PLAN & PROFILE SHEET 1
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C703	STORM PLAN & PROFILE SHEET 3
C704	STORM PLAN & PROFILE SHEET 4
C705	STORM PLAN & PROFILE SHEET 5
C706	STORM PLAN & PROFILE SHEET 6
C707	STORM SEWER DETAILS
C801	GENERAL DETAILS AND SPECIFICATIONS
L100	ENTRANCE LANDSCAPE PLAN SHEET
L101	ENTRANCE LANDSCAPE PLAN SHEET 2

BENCHMARKS

B.M. BRONZE DISK AT THE SOUTHWEST CORNER OF THE OLD ROAD BRIDGE OVER GEIST RESERVOIR (ELEVATION = 799.79).

T.B.M. LARGE HINGE NAIL SET VERTICALLY IN THE NORTH ROOT OF A 24" RED OAK, 30' SOUTH OF THE EXISTING FORCE MAIN, AND APPROX. 340' EAST OF THE NORTHWEST PROPERTY CORNER (ELEVATION = 846.46).

CONTACT CO. / PERSON FOR

	NAME	PHONE NO.	FAX NO.
OWNER	BROOKS LANDING LLC	842-0563	578-3755
DEVELOPER	BROOKS LANDING LLC	842-0563	578-3755
POWER	CENTRAL INDIANA POWER	462-4417	467-6351
GAS	INDIANA GAS CO.	776-5597	776-5553
TELEPHONE	UNITED/SPRINT	(219)267-6161	
CABLE	INSIGHT CABLE	776-0660	773-5439
WATER	INDPLS. WATER CO.	263-6374	263-6452
SURVEYOR	KENT WARD	776-8495	776-9628
EROSION CON.	S.W.C. DISTRICT	773-1432	776-1101
ENGINEER			
PLANNING	NOBLESVILLE PL. DEPT.	776-6325	776-6363
TAFFIC	HAM. CO. HIGHWAY	773-7770	776-9814
SANITARY	FLATFORK CREEK UTIL.	845-1995	845-0766
DRAINAGE	HAM. CO. SURVEYOR	776-8495	776-9628
OTHER			

DON'T DIG BLIND 1-800-382-5544
CALL TOLL FREE 1-800-428-5200
FOR CALLS OUTSIDE OF INDIANA

PAUL I. CRIFE TEAM 317-842-6777 FAX-841-4798

	EXT. NO.
PROJECT MANAGER	BRUCE HAGEN 661
PROJECT ENGINEER	DAVID CLEVELAND 673
ASSISTING ENGINEER	FRANK GLIDDEN 680
PROJECT SURVEYOR	ERIC WHITE 633
PROJECT LAND PLANNER	BILL DANKERT 642
QUALITY ASSURANCE	TOM SCLELLENBERGER 622

SET REVISIONS

2/24/98 See Sheets C3, 201, 202, 204, 501, 701, & 703. Delete Sheet 601

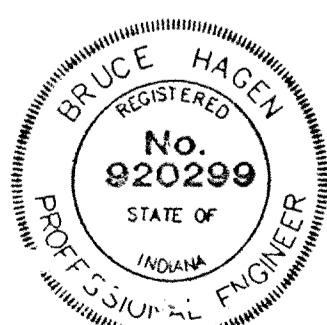
8/24/98 Add Storm Sfr. 705A

DWG. TYPE	FILE NUMBER	SHEET:
		CS
JOB NUMBER		
960514-20000		

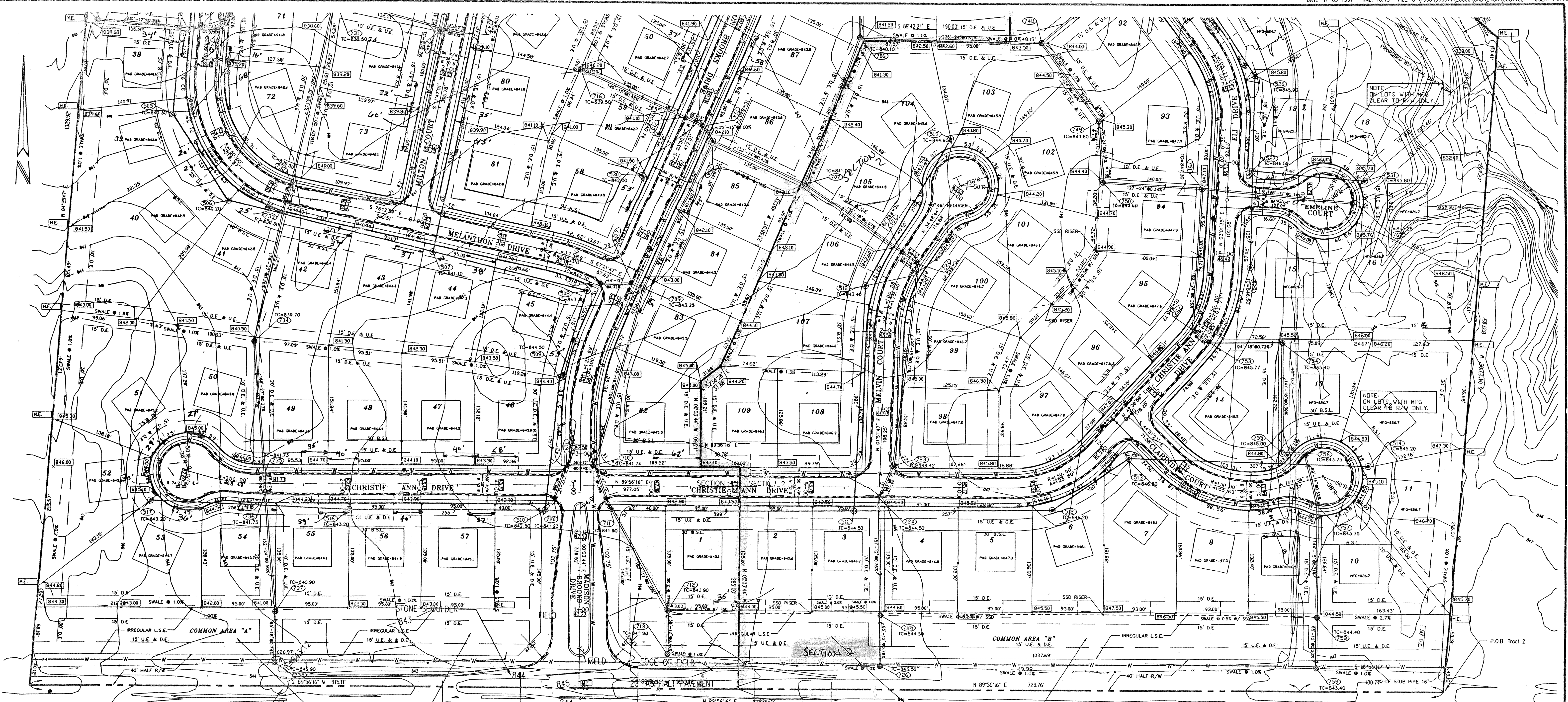
This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

Entry Date: 02/04/03

Entered by: Suzanna L. Rice



CERTIFIED BY: <i>Bruce Hagen</i>	PAUL I. CRIFE, INC.: 7172 GRAHAM ROAD INDIANAPOLIS, INDIANA 46250 (317) 842-6777	CIVIL ENGINEERING LAND SURVEYING ARCHITECTURE LAND PLANNING	QUALITY ASSURANCE:	DEVELOPED BY	DATE:
DATE: 2/24/97				Mucs Landing 206 West Ontario MUNCIE, IN. 47303	PHONE NO.: (765) 284-5987 FAX NO.: (765) 282-9571



NORTH LANE OF 104th STREET TO BE WIDENED TO 12' TOTAL EXCEPT IN DECEL/ACCEL AREAS WHERE THE WIDTH IS GREATER (SEE CROSS SECTION A-A ON SHEET C404).

18" ELIPTICAL CMP

NOTE: SEE SHEETS L100 AND L101 FOR DETAILS OF THE MOUND AREA.

EDGE OF CORN FIELD

NOTE: BEARINGS, DIMENSIONS AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY AND DO NOT NECESSARILY DEPICT ACTUAL REQUIRED INFORMATION. SEE RECORDED CORRECTED INFORMATION.

NOTE: TOPOGRAPHIC AND PLANIMETRIC INFORMATION FROM PHOTOGRAPHIC COMPILED BY OTHERS ACCURACY HAS NOT BEEN TOTALLY CONFIRMED BY PAUL I. CRIFE, INC. TYPICAL AERIAL PHOTOGRAMMETRIC MAPPING ACCURACY IS TO WITHIN ONE-HALF CONTOUR INTERVAL. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER. THE OUTSIDE PHOTOGRAMMETRIC CONSULTANT SHALL BE SOLELY RESPONSIBLE FOR THE ACCURACY OF PHOTOGRAMMETRIC MAPPING, TOPOGRAPHIC MAPPING PREPARED BY:

NOTE: SEE SHEETS L100 AND L101 FOR DETAILS OF THE MOUND AREA.

NORTH LANE OF 104th STREET TO BE WIDENED TO 12' TOTAL EXCEPT IN DECEL/ACCEL AREAS WHERE THE WIDTH IS GREATER (SEE CROSS SECTION A-A ON SHEET C404).

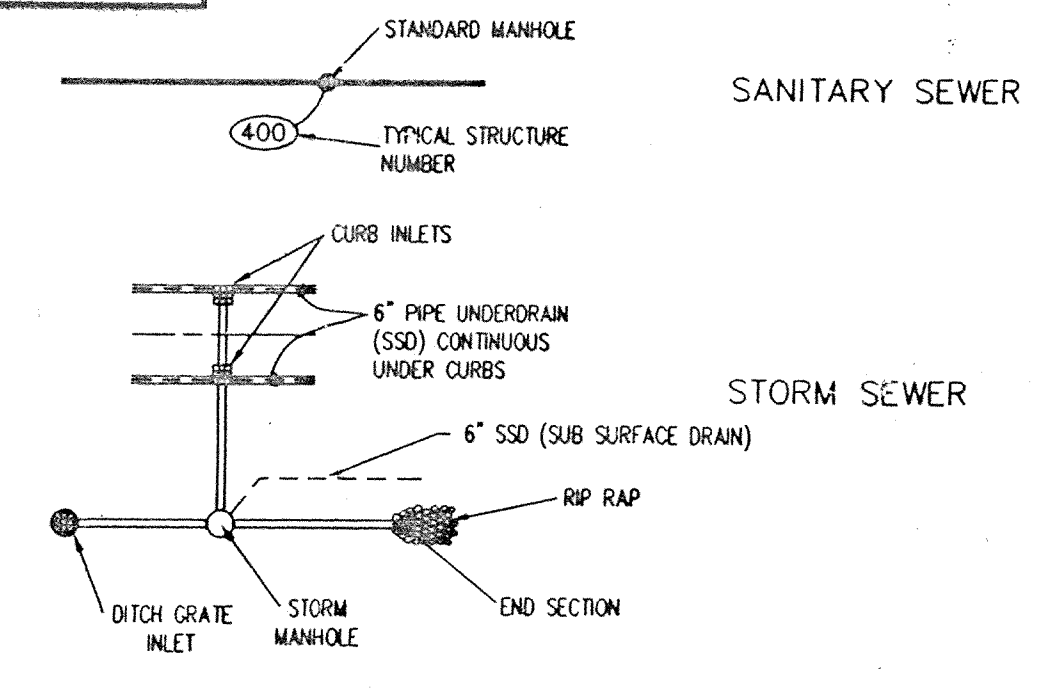


This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

Entry Date: 02/04/03

Entered by: Suzanne L. Hill

LEGEND



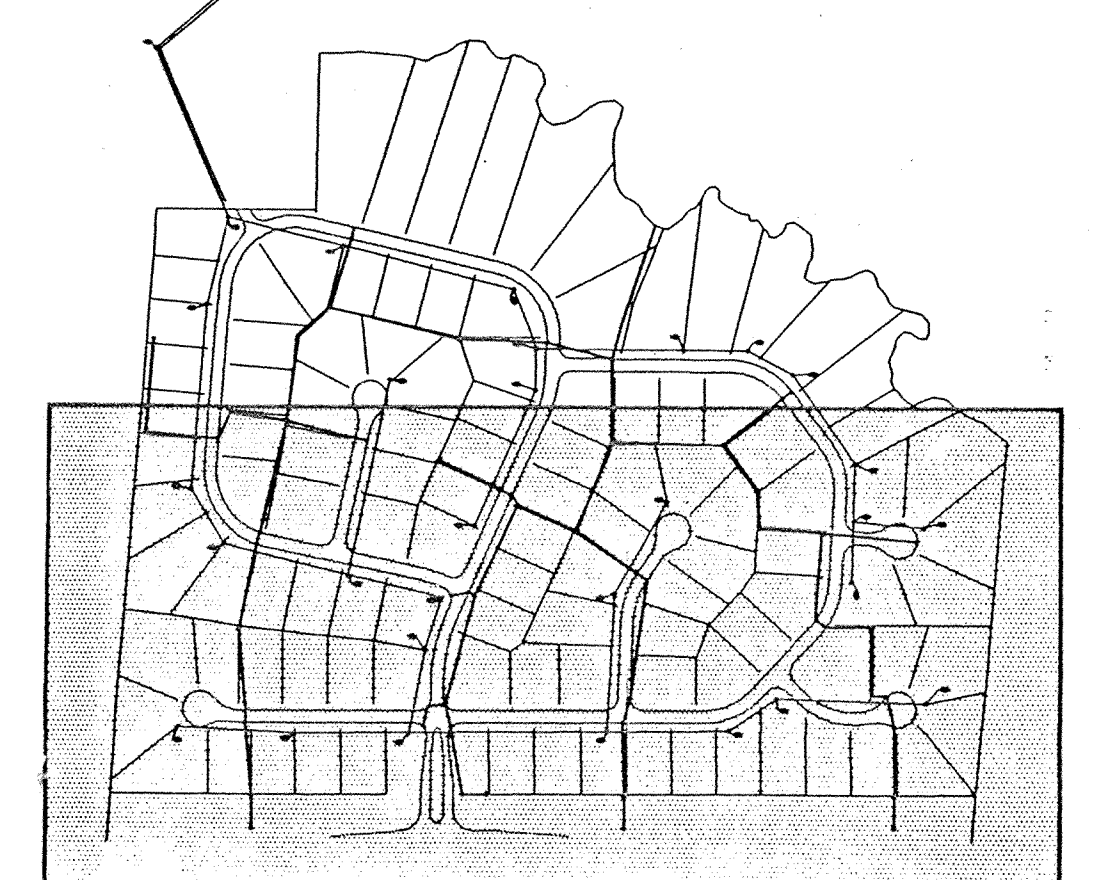
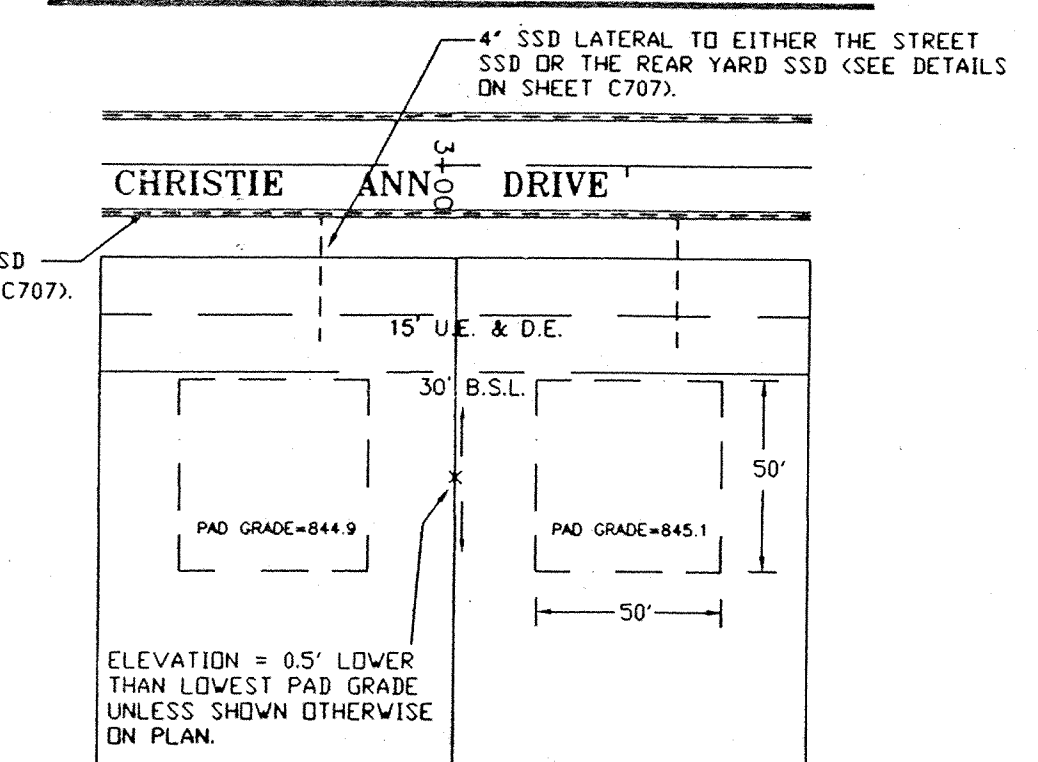
NOTES:

- ALL SANITARY PIPE TO BE 8" PVC.
- ALL STORM PIPE TO BE RCP VARYING IN DIAMETER AS SHOWN ON PLAN.
- PIPE LENGTHS ARE MEASURED FROM THE CENTER OF MANHOLE STRUCTURES AND THE BACK OF CURB FOR INLET STRUCTURES. END SECTIONS ARE INCLUDED IN PIPE LENGTHS.
- PAD GRADE MEANS THE DEVELOPER IS TO FILL THE PAD AREA TO THE PAD GRADE. THE MINIMUM FINISHED FLOOR ELEVATION TO BE 16" ABOVE THE PAD GRADE.
- RECOMMENDED MINIMUM FINISHED FLOOR ELEVATION TO BE 2" ABOVE THE 100 YEAR FLOOD ELEVATION (SEE PLAN VIEW).

THE HOMEOWNER, BUILDER OR HIS REPRESENTATIVES MUST HAVE A PLOT PLAN PREPARED AND SEALED BY A PROFESSIONAL ENGINEER THAT MEETS ALL THE REQUIREMENTS OF THE PLANNING JURISDICTIONS, FEDERAL AND STATE REQUIREMENTS, LOCAL UTILITIES' CONVENTIONS AND ANY OTHER ENFORCEMENTS. THIS PLAN, AMONG OTHER THINGS, SHALL CONSIDER FLOOR LEVELS, STORM ROUTINGS, AND MINIMUM FLOOR ELEVATIONS. GRAVITY SEWER SHALL NOT BE CONSIDERED FOR LOWER LEVELS.

PAUL I. CRIFE, INC. SHALL BE HELD HARMLESS IF THESE REQUIREMENTS ARE NOT MET.

TYPICAL LOT GRADING DETAIL



SECTION 1 AS-BUILT

KEYMAP BROOKS LANDING

CERTIFIED BY: *Bruce Hag*

DATE: 2/24/97

REVISIONS	REVISIONS
2/24/98 ADD NOTE 3 CONCERNING LOTS 16 & 17	



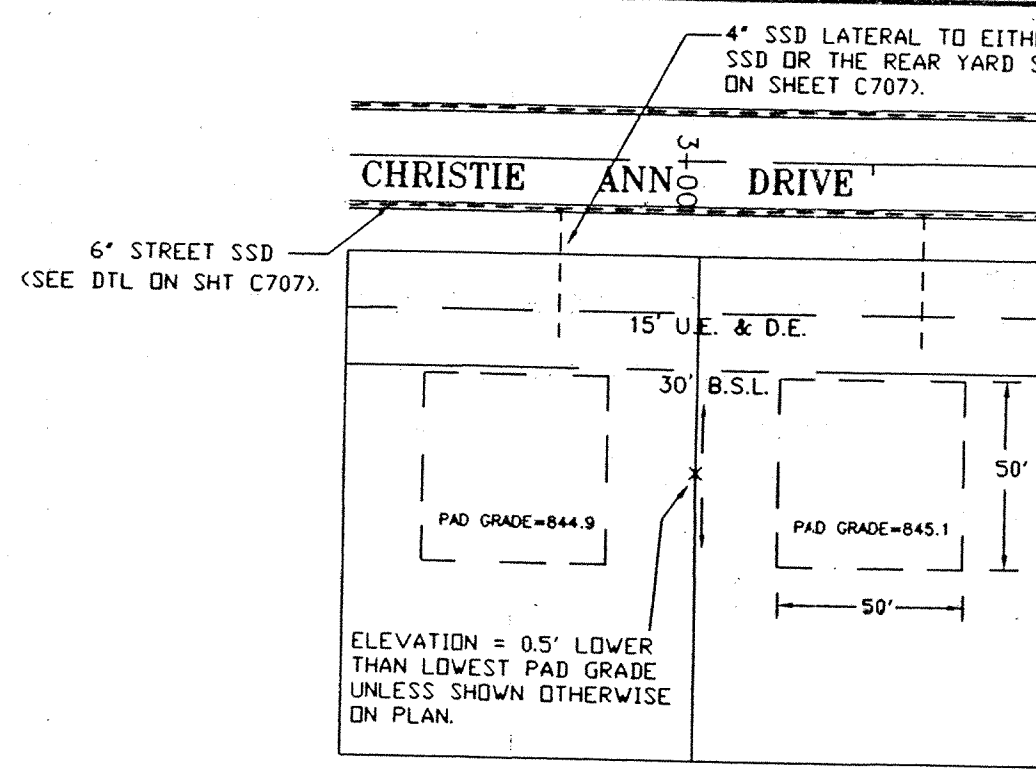
PAUL I. CRIFE, INC.: CIVIL ENGINEERING
 7172 GRAHAM ROAD
 INDIANAPOLIS, INDIANA 46250
 (317) 842-6777

QUALITY ASSURANCE:
 DATE: 10-31-97
 SCALE: 1"=60'

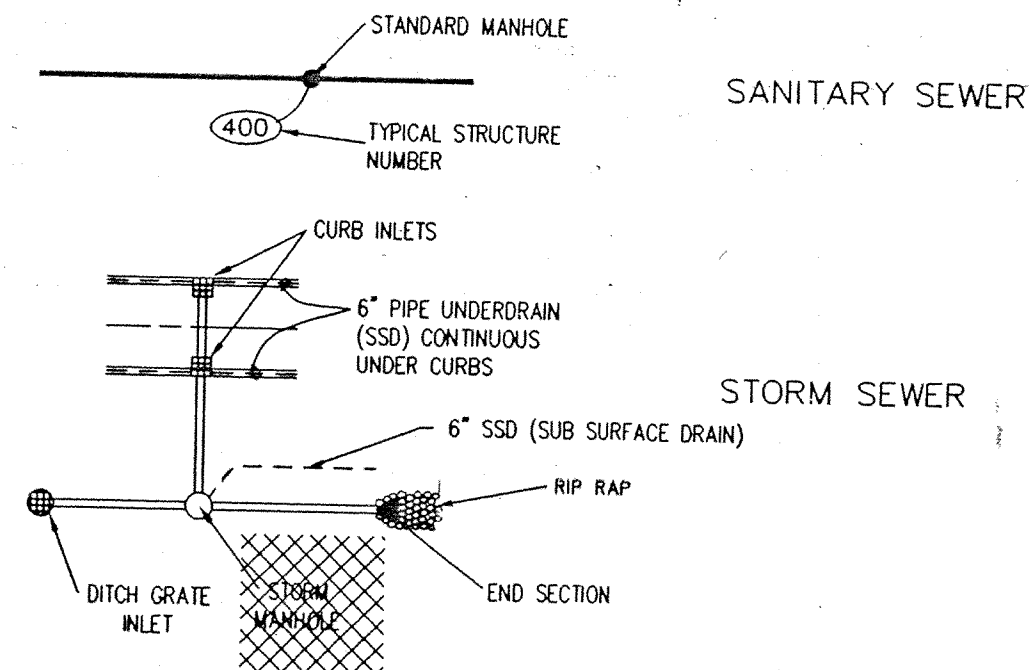
DATE: 10-31-97
 DRAWING TITLE: SITE DEVELOPMENT PLAN
 SHEET 1 OF 2

DWG. TYPE	FILE NUMBER	SHEET:
	960514-20000	C201

TYPICAL LOT GRADING DETAIL



LEGEND



NOTE:
 1. BEARINGS, DIMENSIONS AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY AND DO NOT NECESSARILY DEPICT ACTUAL RECORDED INFORMATION. SEE RECORDED PLAT FOR EXACT INFORMATION.
 2. TOPOGRAPHIC AND PLANNING INFORMATION FROM PHOTOGRAPHIC COMPILATION BY OTHERS. ACCURACY HAS NOT BEEN TOTALLY CONFIRMED BY PAUL I. CRIFE, INC. TYPICAL AERIAL PHOTOGRAPHIC MAPPING ACCURACY IS TO WITHIN ONE-HALF CONTOUR INTERVAL. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER. THE OUTSIDE PHOTOGRAPHIC CONSULTANT SHALL BE SOLELY RESPONSIBLE FOR THE ACCURACY OF PHOTOGRAPHIC MAPPING. TOPOGRAPHIC MAPPING PREPARED BY:

DON'T DIG BLIND

CAUTION: LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (POLES, BUT NOT LIMITED TO, MANHOLES, WELLS, TRENCHES, AND OTHER MARKS MADE BY THE GROUND SURFACE) 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 ALL EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

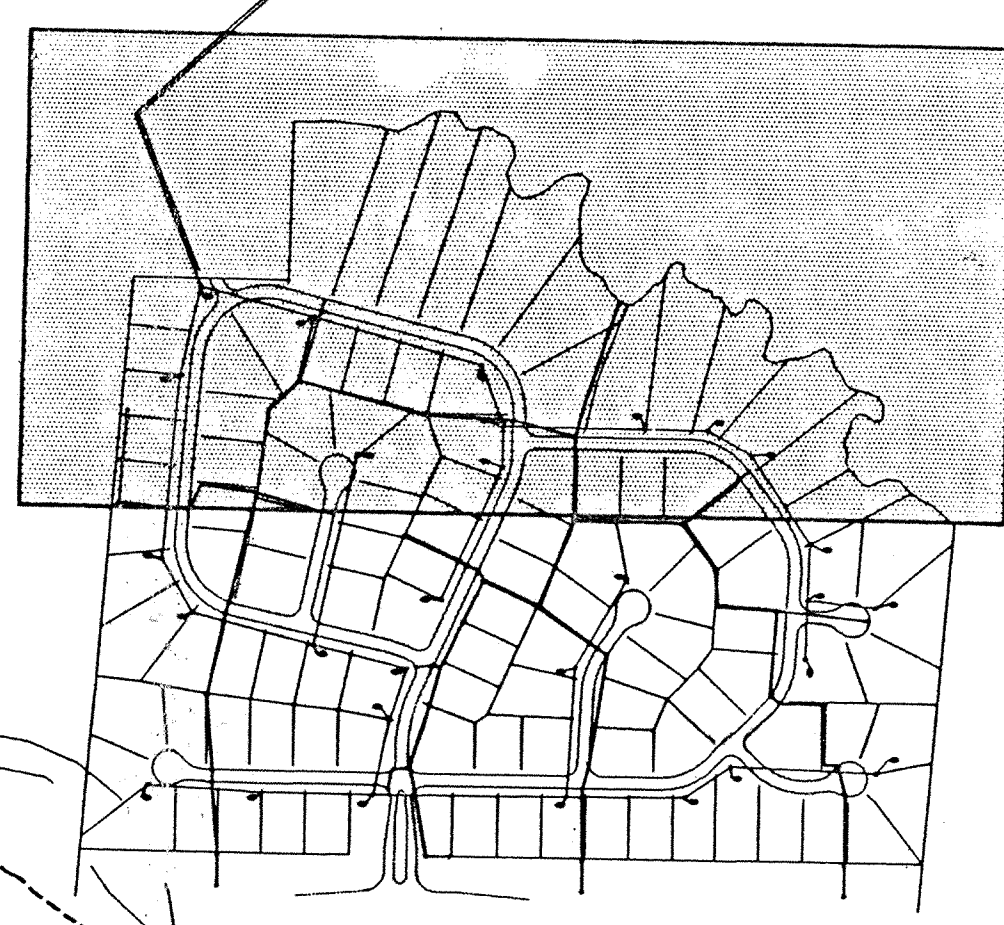
1-800-382-6544
 1-800-428-5200
 FOR CALLS OUTSIDE OF INDIANA

THE HOMEOWNER, BUILDER OR HIS REPRESENTATIVES MUST HAVE A PLAT PLAN PREPARED AND SEALED BY A PROFESSIONAL ENGINEER THAT MEETS ALL THE REQUIREMENTS OF THE PLANNING, AIRBORNS, FEDERAL AND STATE REQUIREMENTS, LOCAL UTILITIES, COVENANTS AND ANY OTHER ENCUMBRANCES. THIS PLAN, AMONG OTHER ITEMS, SHALL CONSIDER FLOOR LEVELS, STORM ROOFINGS, AND MINIMUM FLOOR ELEVATIONS. GRAVITY SEWER SHALL NOT BE CONSIDERED FOR LOWER LEVELS.

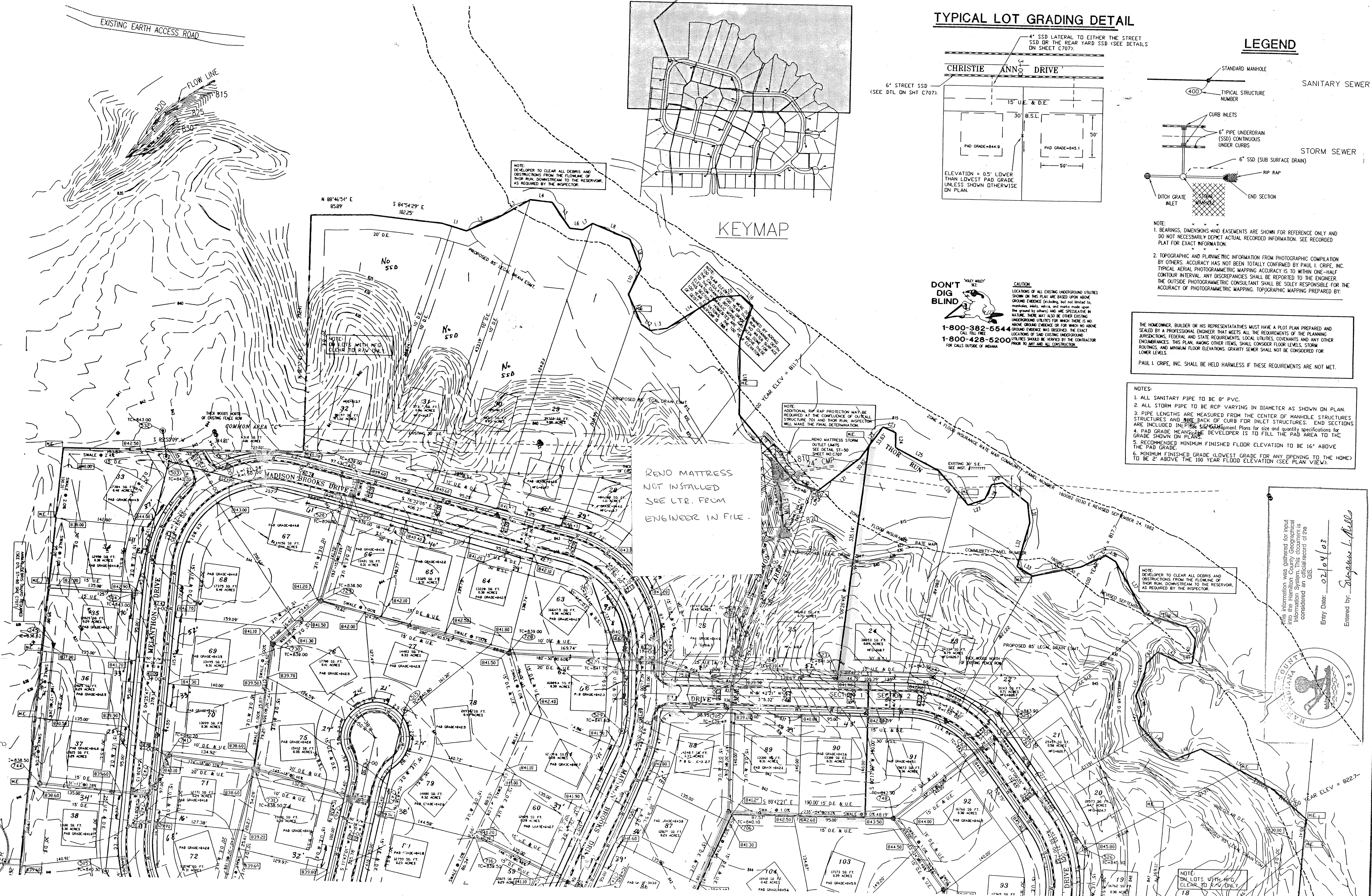
PAUL I. CRIFE, INC. SHALL BE HELD HARMLESS IF THESE REQUIREMENTS ARE NOT MET.

NOTES:
 1. ALL SANITARY PIPE TO BE 8" PVC.
 2. ALL STORM PIPE TO BE 8" PVC.
 3. PIPE LENGTHS ARE MEASURED FROM THE CENTER OF MANHOLE STRUCTURES AND BACK OF CURB FOR INLET STRUCTURES. END SECTIONS ARE INCLUDED IN PIPE SEPARATION PLANS FOR SIZE AND QUANTITY SPECIFICATIONS FOR GRADE SHOWN ON PLANS.
 4. PAD GRADE: MINIMUM FINISHED FLOOR ELEVATION TO BE 16" ABOVE THE PAD GRADE.
 5. RECOMMENDED MINIMUM FINISHED FLOOR ELEVATION TO BE 16" ABOVE THE PAD GRADE.
 6. MINIMUM FINISHED GRADE (LOWEST GRADE FOR ANY OPENING TO THE HOME) TO BE 2" ABOVE THE 100 YEAR FLOOD ELEVATION (SEE PLAN VIEW).

KEYMAP



RENO MATRESS NOT INSTALLED SEE LTR. FROM ENGINEER IN FILE.

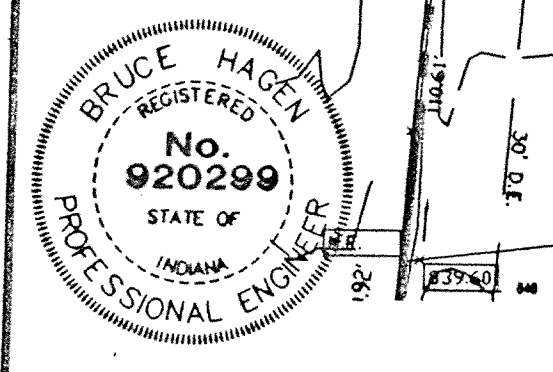


STR 743
 DBL CURB INLET
 CONTRACTOR INSTALLED
 STR ON SOUTHSIDE
 NOT NORTHSIDE AS DEPICTED

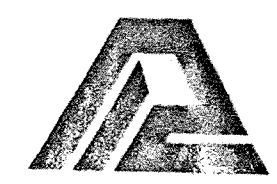
NOTE: DEVELOPER TO CLEAR ALL DEBRIS AND OBSTRUCTIONS FROM THE FLOWLINE OF THEIR RUN, DOWNSTREAM TO THE RESERVOIR, AS REQUIRED BY THE INSPECTOR.

NOTE: THIS INFORMATION WAS GATHERED FOR INPUT INTO THE HAMILTON COUNTY GEOGRAPHICAL INFORMATION SYSTEM. THIS DOCUMENT IS CONSIDERED AN GIS.

Entry Date: 02/04/03
 Entered by: Suzanne L. Mills



CERTIFIED BY: <i>Bruce Hagen</i>	REVISIONS	REVISIONS
DATE: 2/24/97	2/24/98 Add Common Area between Lots 25 & 26	
	2/24/98 Add D.E.'s Lots 30-32, and 23-27	



PAUL I. CRIFE, INC.: CIVIL ENGINEERING
 LAND SURVEYING
 ARCHITECTURE
 LAND PLANNING

7172 GRAHAM ROAD
 INDIANAPOLIS, INDIANA 46250
 (317) 842-5777

QUALITY ASSURANCE:
 DATE:

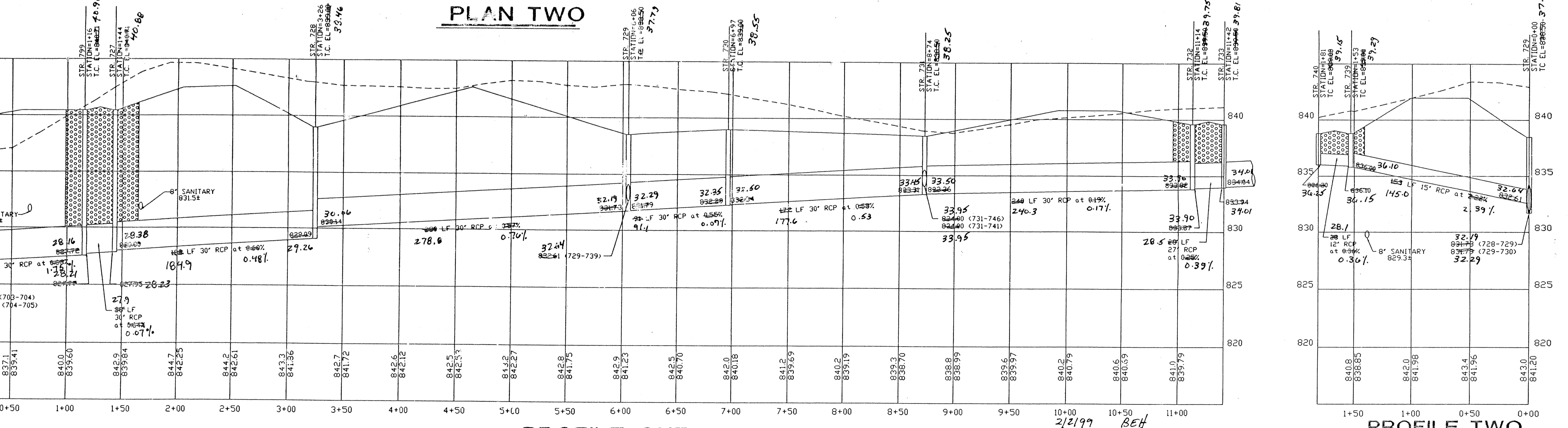
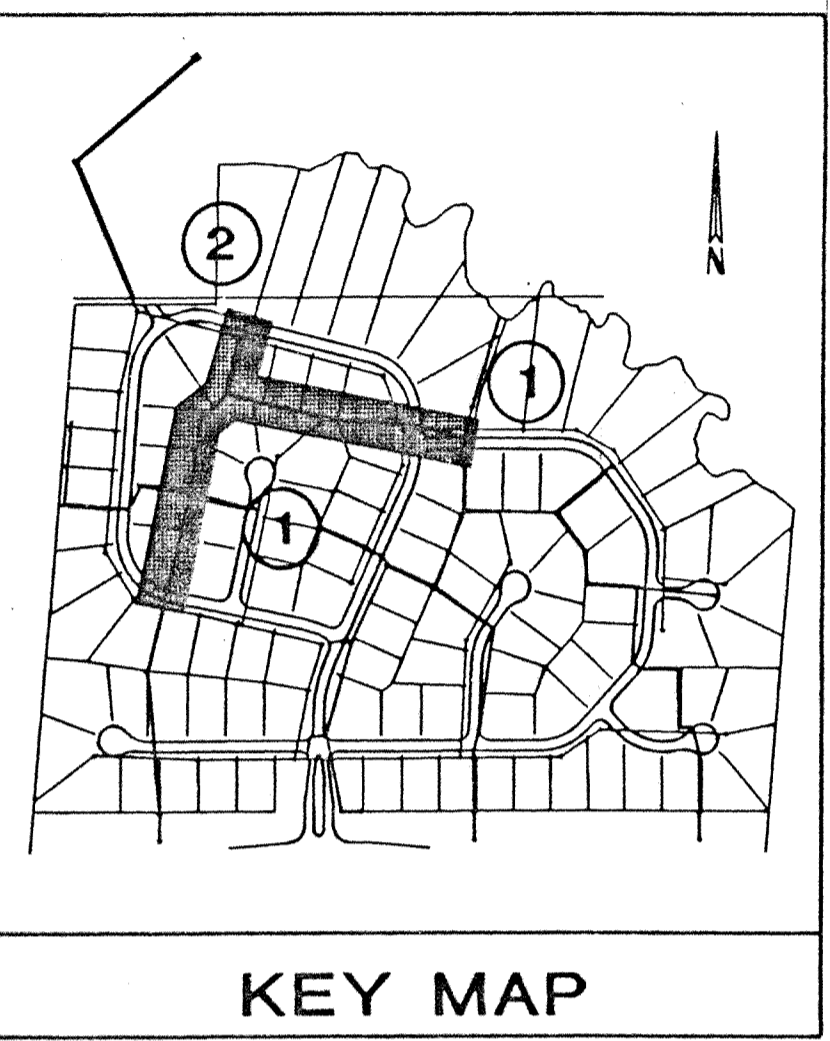
DATE: 10-1331-97
 SCALE: 1"=50'

DRAWING TITLE:
SITE DEVELOPMENT PLAN
 SHEET 2 OF 2

SECTION 1 AS-BUILTS 2/2/97
 BROOKS LANDING

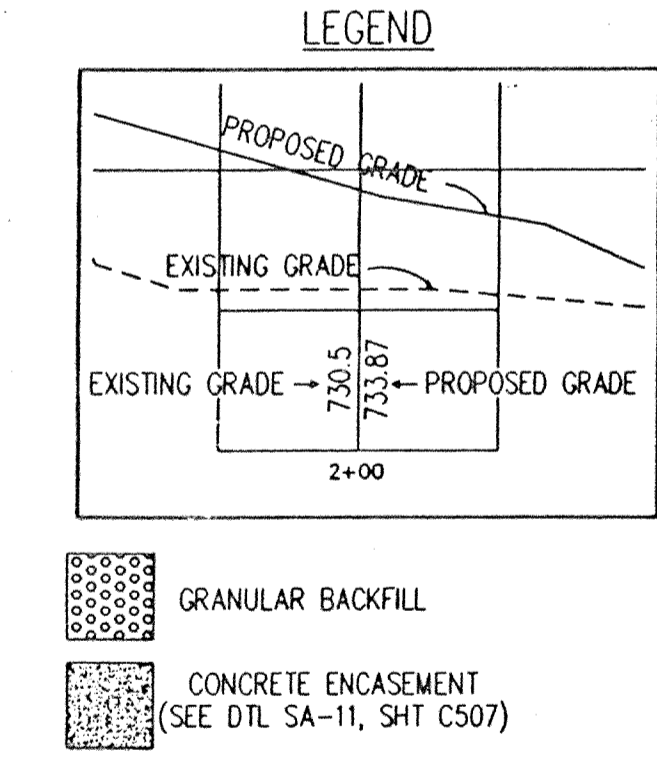
DWG. TYPE	FILE NUMBER	SHEET:
		C202
JOB NUMBER		
960514-20000		

- NOTES:
- ALL STORM MANHOLE CASTINGS ARE SHOWN ON STR. DATA TABLE SHEET C707.
 - EASEMENTS ARE SHOWN FOR REFERENCE ONLY AND DO NOT NECESSARILY DEPICT ACTUAL RECORDED INFORMATION. SEE RECORDED PLAT FOR EXACT INFORMATION.
 - THE CONTRACTOR WILL BE REQUIRED TO PROVIDE AS-BUILT DRAWINGS TO THE ACCEPTING AGENCY TO CERTIFY THE ELEVATION AND SCOPE OF SANITARY SEWERS. SEWERS INSTALLED AT A GRADE LESS THAN REQUIRED BY THE AGENCY WILL NOT BE ACCEPTED. THE CONTRACTOR SHALL PROVIDE FOR PERIODIC AS-BUILT CHECKS ON THE SEWER DURING CONSTRUCTION TO ASSURE THAT DESIGN GRADE IS BEING MAINTAINED.
 - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS, FINAL RULE 29 CFR PART 1926, SUBPART 72 APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
 - IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE ABOVE STATED REQUIREMENTS.
 - SANITARY SEWER MAINS TO START AT CONSTRUCTION POINT OF ENTRY



STRUCTURE DATA TABLE

STRUCTURE NUMBER	STRUCTURE TYPE	DETAIL (SEE SHT C707)	CASTING TYPE (NEENAH EQUIV.)
704	72" MANHOLE	ST-4	R-3501-N
717	60" MANHOLE	ST-4	R-3501-N
728	60" MANHOLE	ST-4	R-4342
729	60" MANHOLE	ST-4	R-4342
730	60" MANHOLE	ST-4	R-4342
731	72" SHALLOW MANHOLE	ST-6	R-4342
732	60" SHALLOW MANHOLE	ST-6	R-3501-N
733	60" SHALLOW MANHOLE	ST-6	R-3501-N (TWO)
739	DOUBLE SHALLOW INLET	ST-31	R-3501-N (TWO)
740	PRECAST TYPE 'A' INLET	ST-38	R-3501-N
799	60" MANHOLE	ST-4	R-3501-N



DON'T DIG BLIND

CAUTION
LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (INCLUDING, BUT NOT LIMITED TO, MANHOLES, ALIETS, WELLS, AND 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.

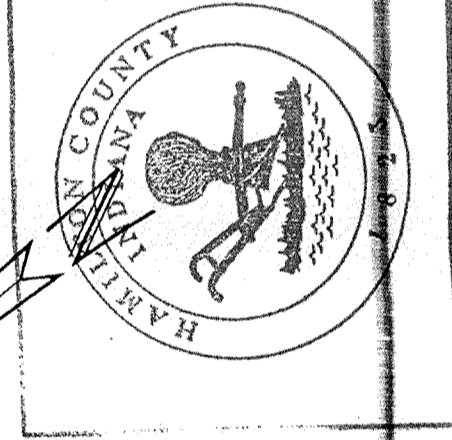
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Find information on the project for project information. This information is considered an official record of the project.

Entry Date: 02/28/97

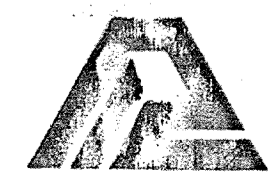
Entered by: Suzanne S. [Signature]



CERTIFIED BY: *Bruce Hagen*

DATE: 2/24/97

REVISIONS	REVISIONS
2/24/98 Add D.E.'s Lots 23-27, and 30-32	
2/24/98 Add Common Area Lots 25-26	



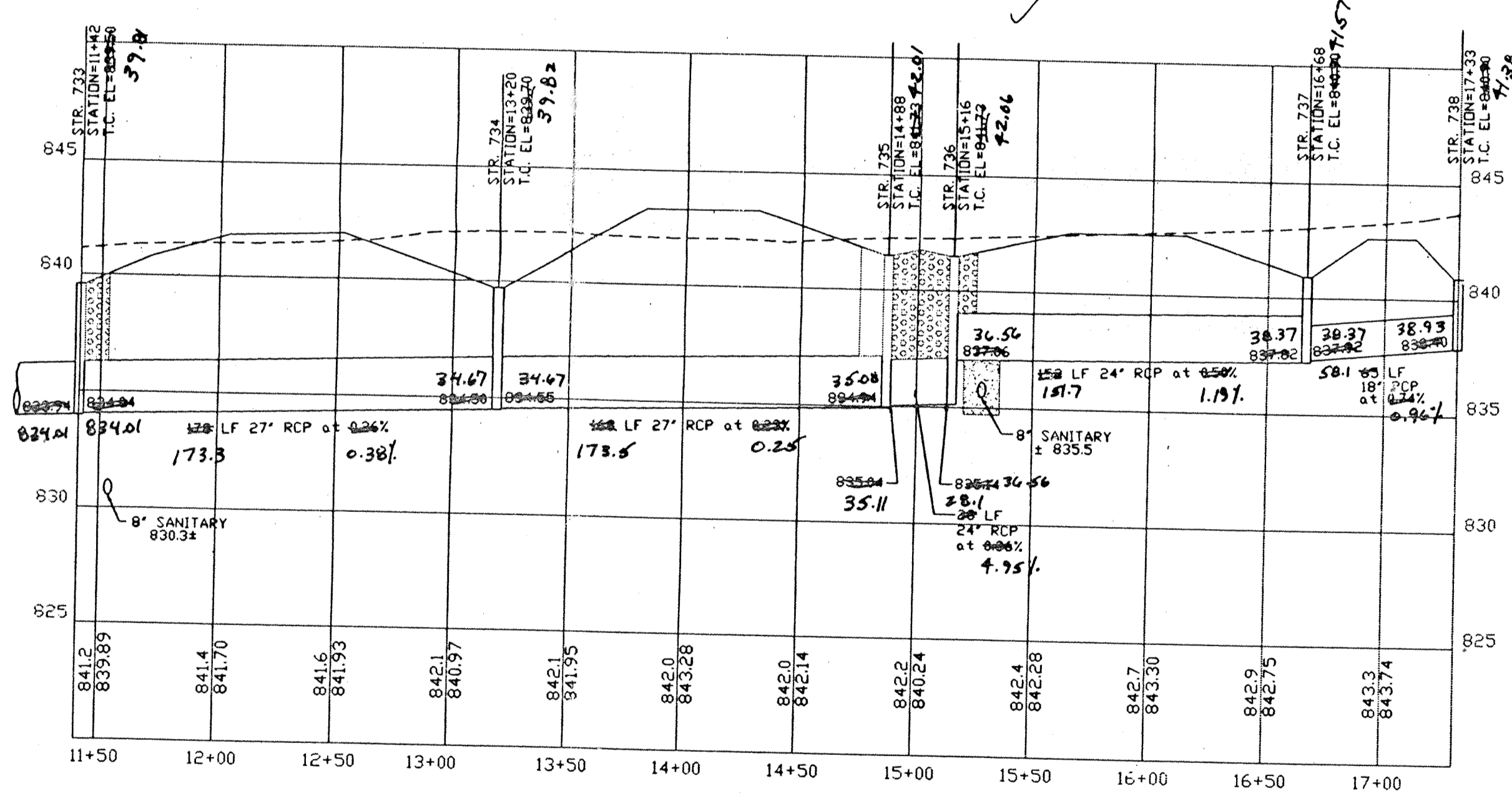
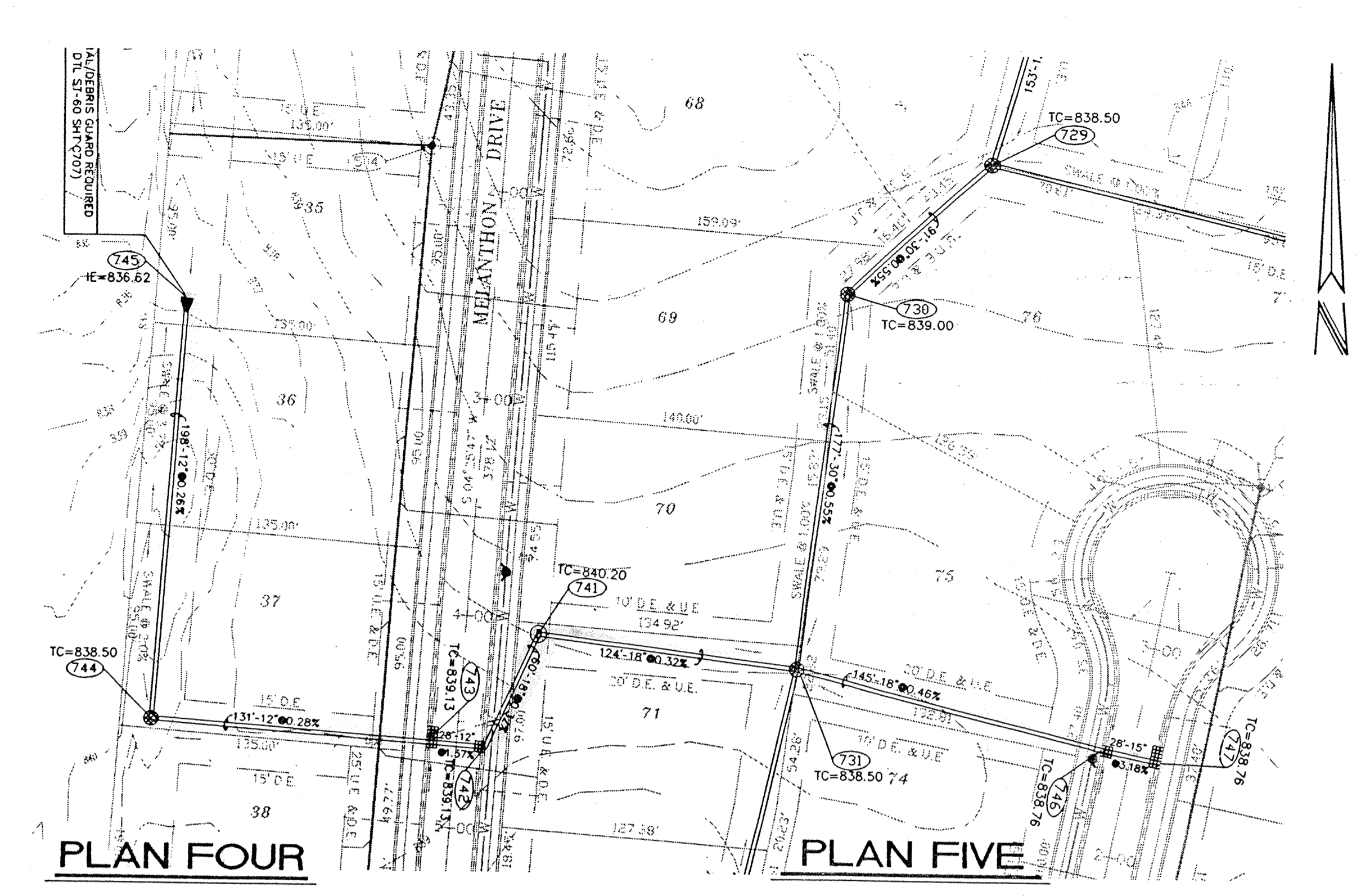
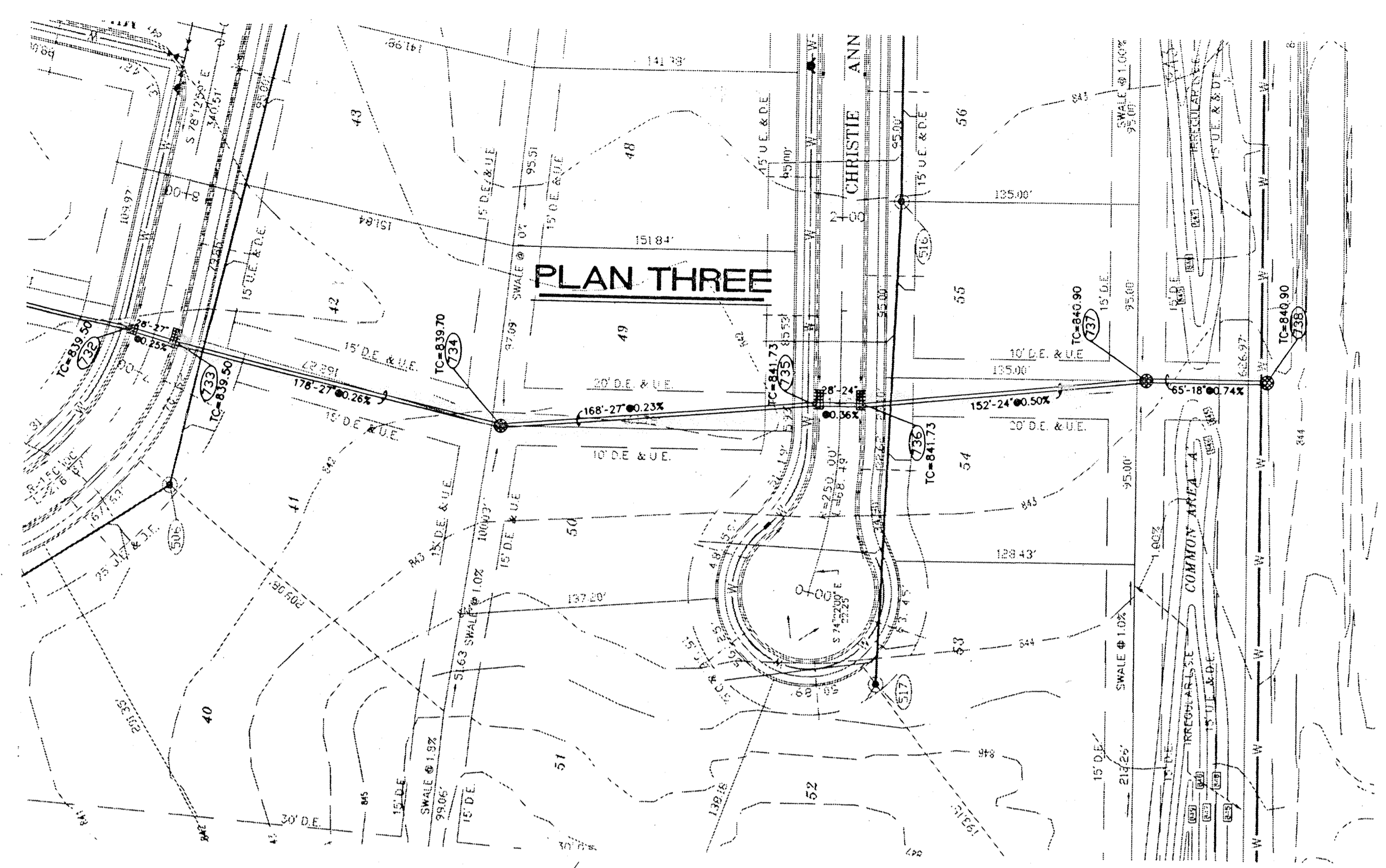
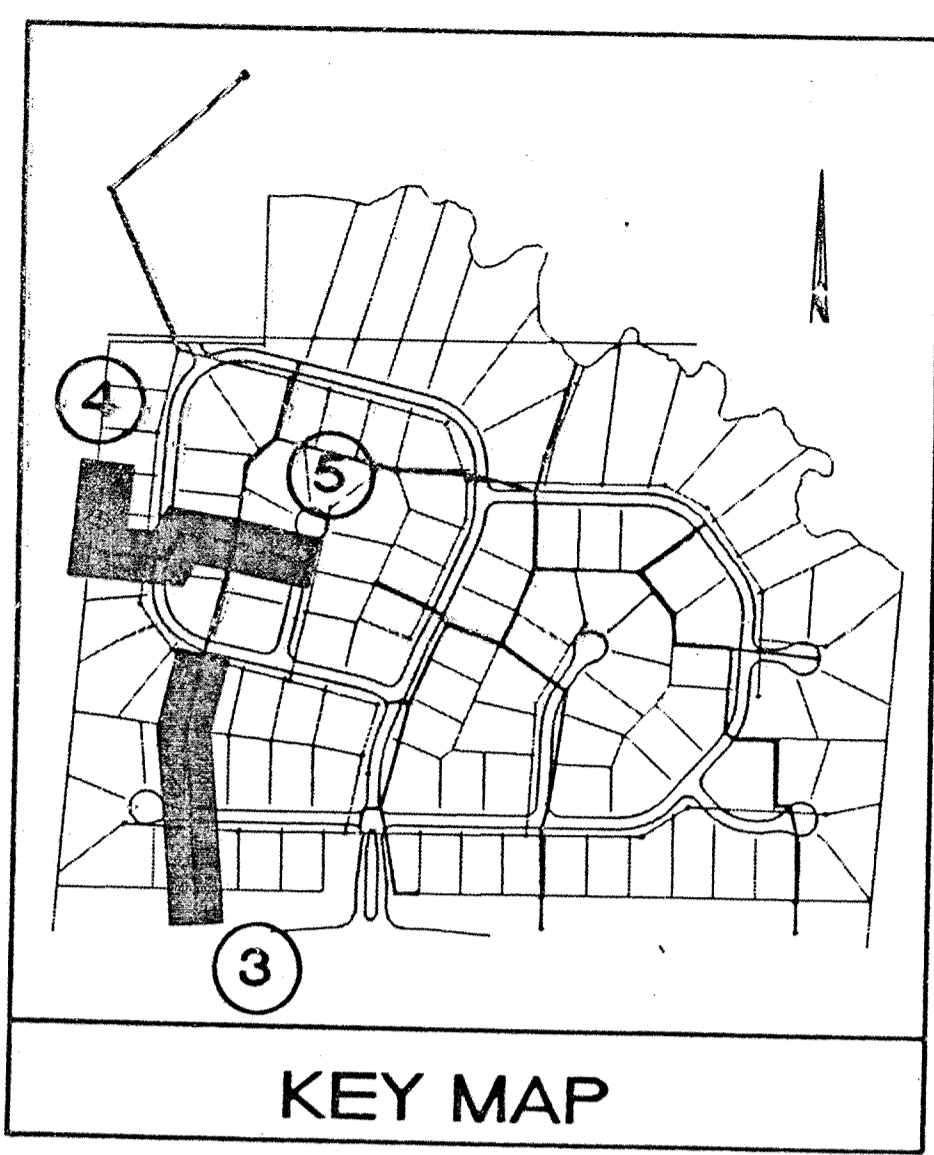
PAUL I. CRIFE, INC.: CIVIL ENGINEERING
LAND SURVEYING
ARCHITECTURE
LAND PLANNING

7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
(317) 842-6777

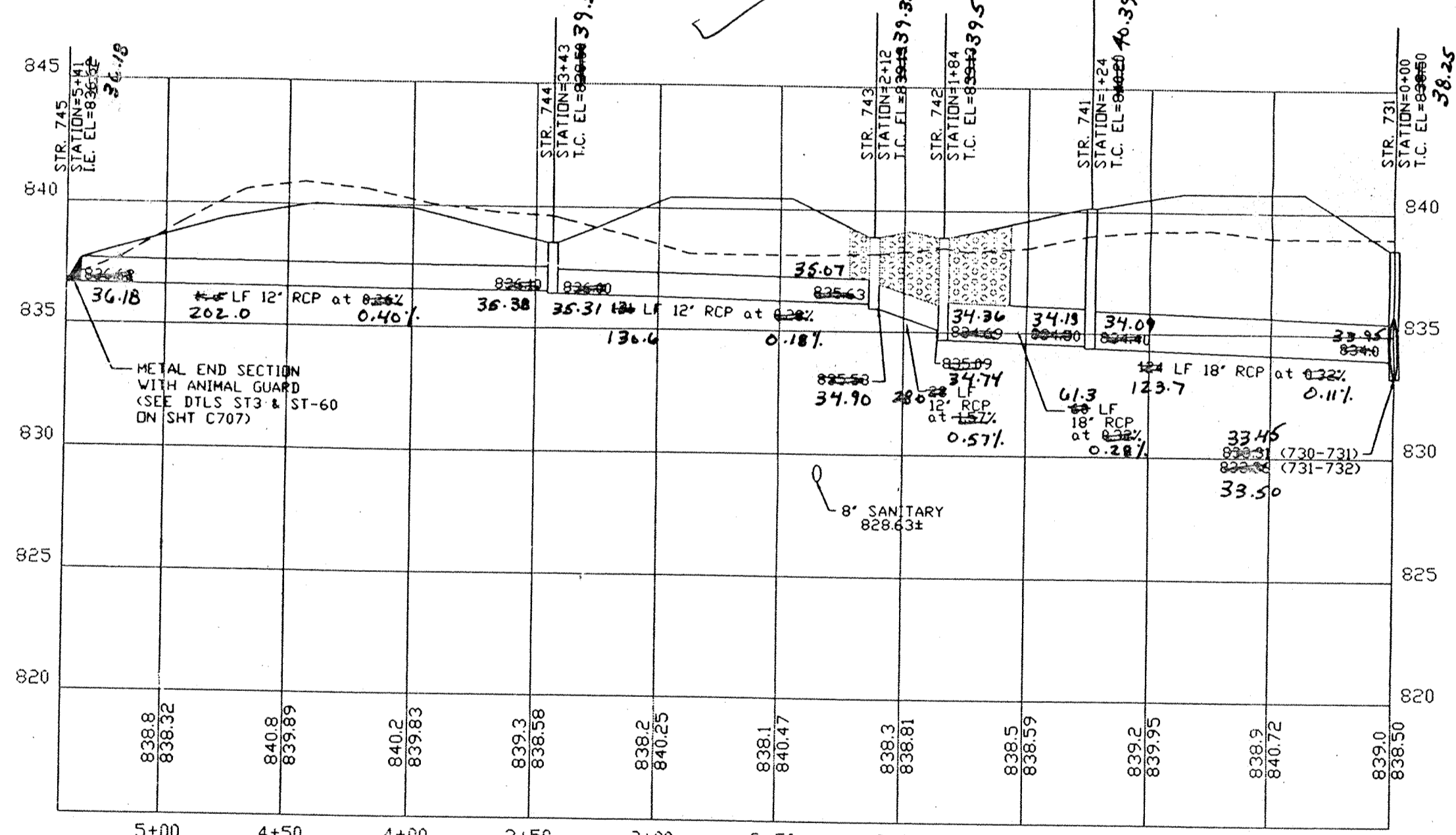
QUALITY ASSURANCE:
DATE: 10-31-97
SCALE: HORZ. 1"=50'
VERT. 1"=5'

DRAWING TITLE:
**STORM SEWER
PLAN & PROFILE**

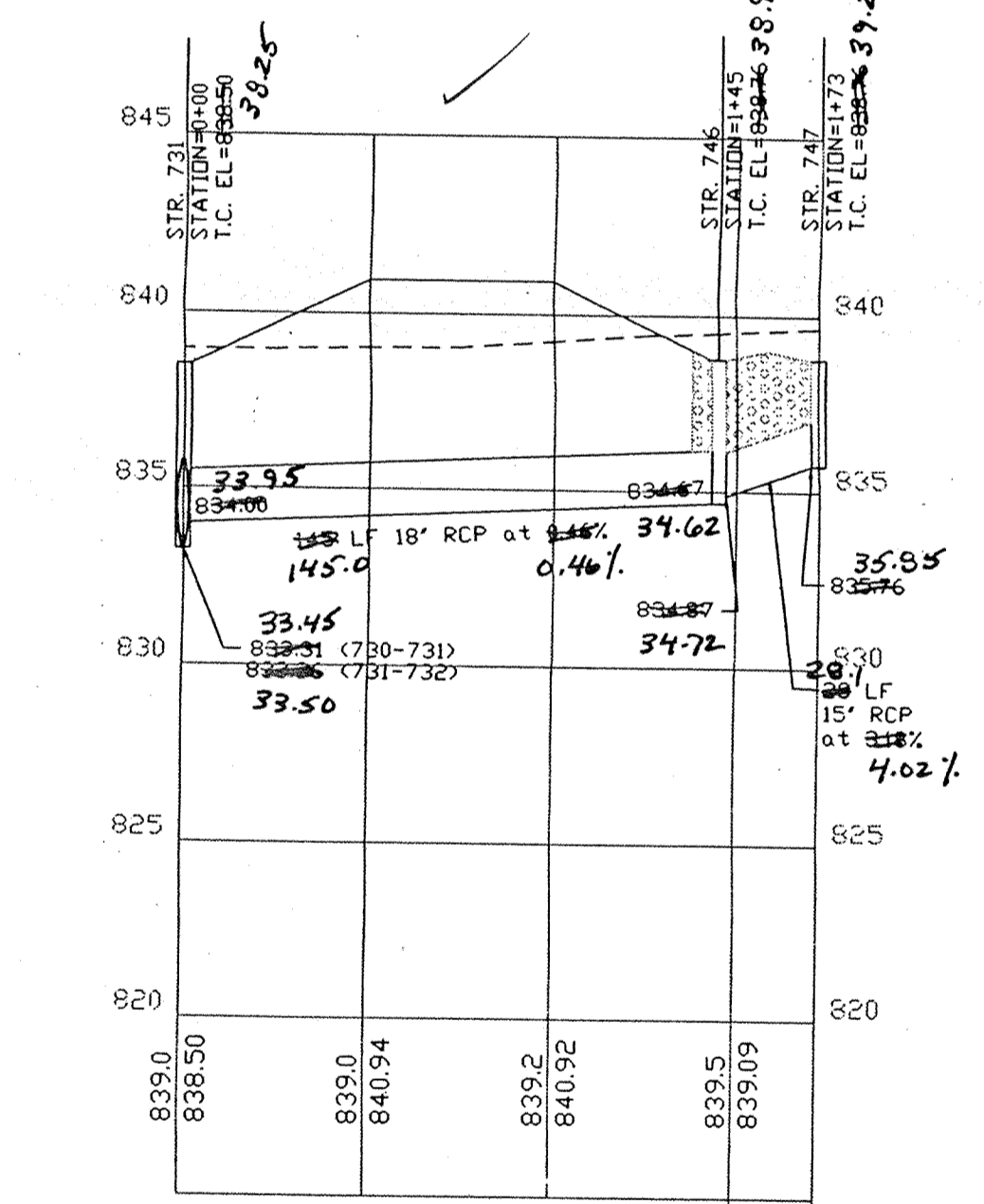
DWG. TYPE	FILE NUMBER	SHEET:
		C70
JOB NUMBER		
960514-20000		



PROFILE THREE



PROFILE FOUR

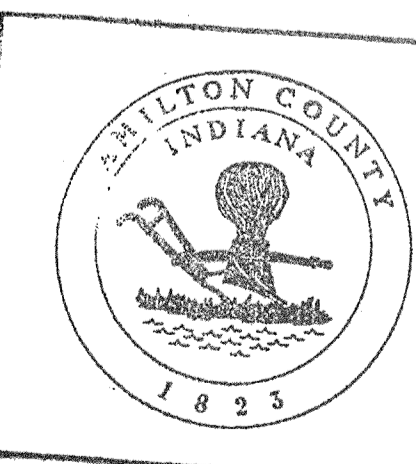


PROFILE FIVE

- NOTES:
1. ALL STORM MANHOLE CASTINGS ARE SHOWN ON THE STR. DATA TABLE SHEET C707
 2. EASEMENTS ARE SHOWN FOR REFERENCE ONLY AND DO NOT NECESSARILY DEPICT ACTUAL RECORDED INFORMATION. SEE RECORDED PLAT FOR EXACT INFORMATION.
 3. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE AS-BUILT DRAWINGS TO THE ACCEPTING AGENCY TO CERTIFY THE ELEVATION AND SLOPE OF SANITARY SEWERS. SEWERS INSTALLED AT A GRADE LESS THAN REQUIRED BY THE AGENCY WILL NOT BE ACCEPTED. THE CONTRACTOR SHALL PROVIDE FOR PERIODIC AS-BUILT CHECKS ON THE SEWER DURING CONSTRUCTION TO ASSURE THAT DESIGN GRADE IS BEING MAINTAINED.
 4. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29 CFR PART 1926, SUBPART T APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
 5. IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE ABOVE STATED REQUIREMENTS.
 6. CONTRACTOR SHALL VERIFY LOCATION & INVERT ELEVATIONS OF EXISTING SANITARY SEWER PRIOR TO START OF CONSTRUCTION.

NOTE: TOP OF CASTING ELEVATIONS FOR CURB INLETS ARE LOCATED AT THE TOP OF CURB ELEVATION WHILE TOP OF CASTING ELEVATIONS FOR YARD GRATE CASTINGS ARE LOCATED AT THE FLOW LINE.

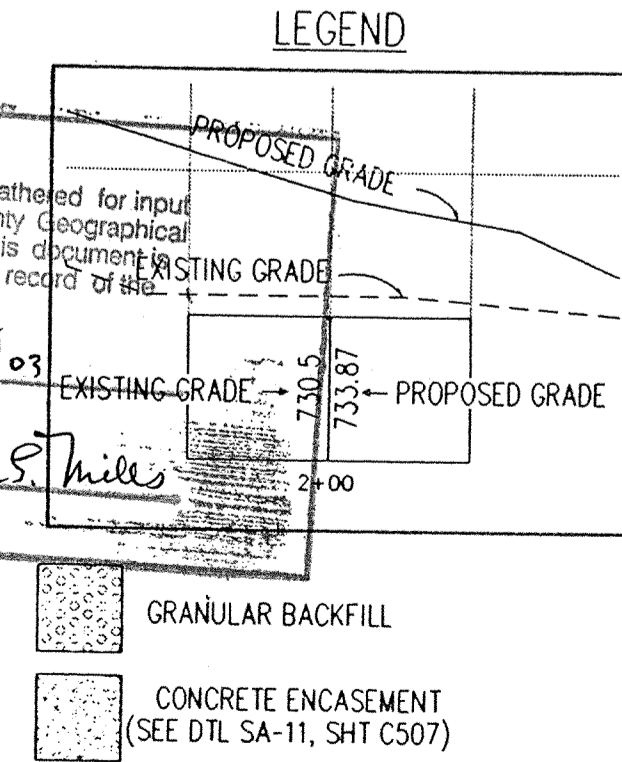
STRUCTURE DATA TABLE			
STRUCTURE NUMBER	STRUCTURE TYPE	DETAIL (SEE SHT. C707)	CASTING TYPE (NEENAH EQUIV.)
731	72" SHALLOW MANHOLE	ST-6	R-4342
733	60" SHALLOW MANHOLE	ST-6	R-3501-N (TWO)
734	60" SHALLOW MANHOLE	ST-6	R-4342
735	60" SHALLOW MANHOLE	ST-6	R-3501-N (TWO)
736	60" SHALLOW MANHOLE	ST-6	R-3501-N (TWO)
737	PRECAST TYPE "E" INLET	ST-37	R-4342
738	PRECAST TYPE "E" INLET	ST-37	R-4342
741	48" SHALLOW MANHOLE	ST-6	R-1772
742	48" SHALLOW MANHOLE	ST-6	R-3501-N
743	DOUBLE SHALLOW MANHOLE (USE 3'x3' BOXES)	ST-37	R-3501-N (TWO)
744	PRECAST TYPE "A" INLET	ST-36	R-4342
745	CONCRETE END SECTION	ST-3A	
746	48" SHALLOW MANHOLE	ST-6	R-3501-N
747	DOUBLE SHALLOW INLET	ST-36	R-3501-N (TWO)



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

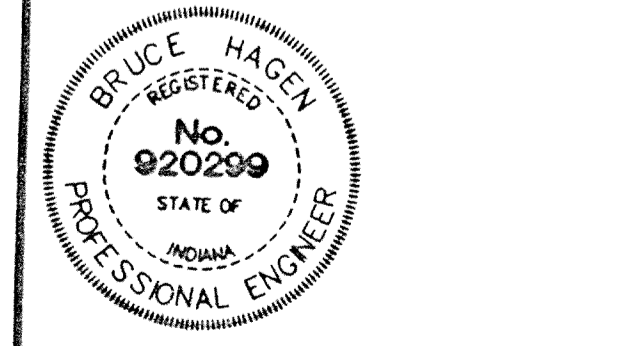
Entry Date: 02/01/03

Entered by: *Suparna S. Mills*



CAUTION
LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and 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.

2/21/99 BEH
SECTION 1 AS-BUILTS



CERTIFIED BY: *Bruce Hagen*
DATE: 11/6/97

REVISIONS	REVISIONS



PAUL I. CRIFE, INC.
7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
(317) 842-6777

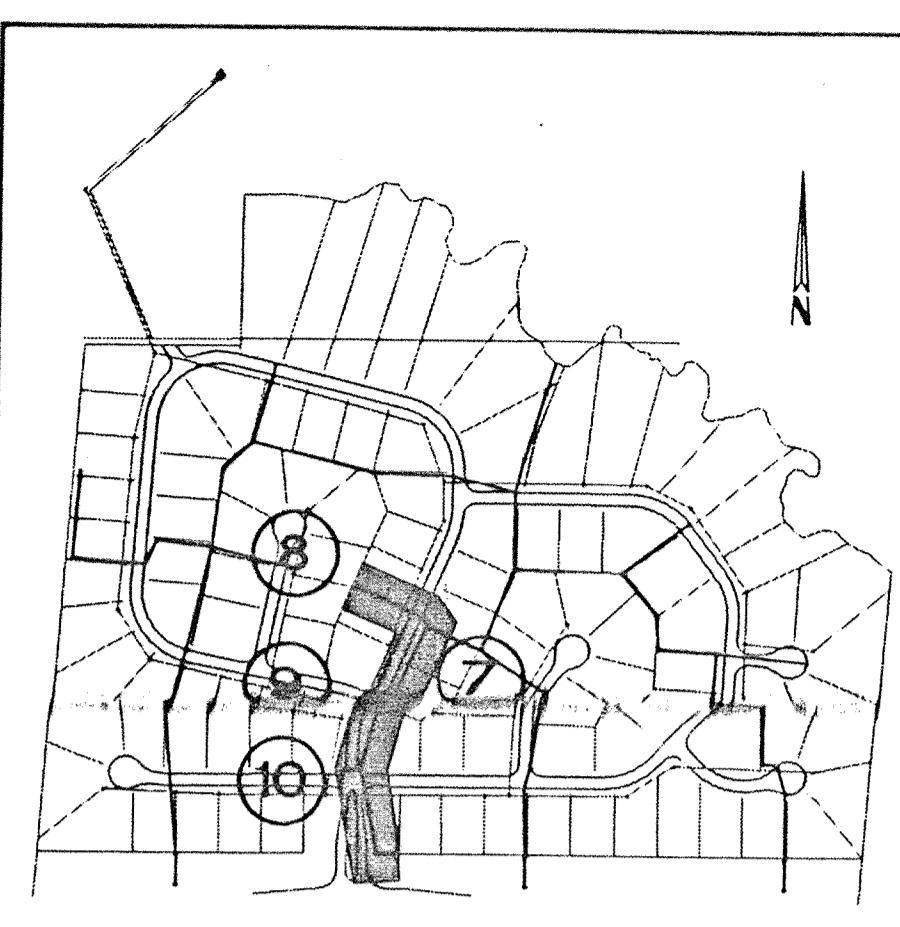
- CIVIL ENGINEERING
- LAND SURVEYING
- ARCHITECTURE
- LAND PLANNING

QUALITY ASSURANCE:
DATE: 10-31-97

SCALE:
HORZ. 1"=50'
VERT. 1"=5'

DRAWING TITLE:
**STORM SEWER
PLAN & PROFILE**

DWG. TYPE	FILE NUMBER	SHEET:
JOB NUMBER 960514-20000		C702

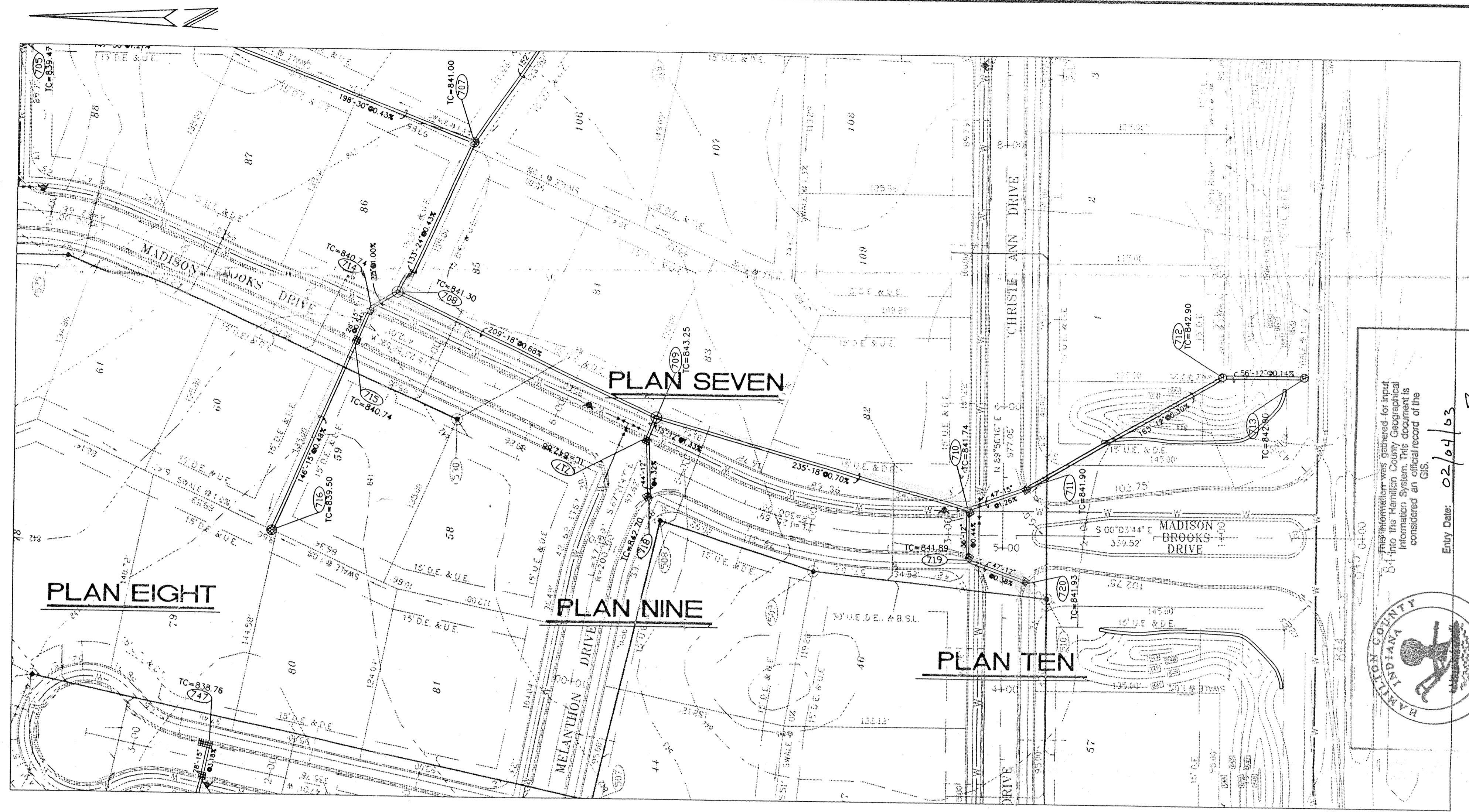


KEY MAP

- NOTES:
1. ALL STORM MANHOLE CASTINGS ARE SHOWN ON STR. DATA TABLE SHEET C707.
 2. EASEMENTS ARE SHOWN FOR REFERENCE ONLY AND DO NOT NECESSARILY DEPICT ACTUAL RECORDED INFORMATION. SEE RECORDED PLAT FOR EXACT INFORMATION.
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 4. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS, FINAL RULE 29 CFR PART 1926, SUBPART PP APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
 5. ALL TRENCHES EXCEEDING FIVE (5) FEET IN DEPTH SHALL BE DESIGNED AS A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE ABOVE STATED REQUIREMENTS.
 6. CONTRACTOR SHALL VERIFY LOCATION & INVERT ELEVATIONS OF EXISTING SANITARY SEWER PRIOR TO START OF CONSTRUCTION.

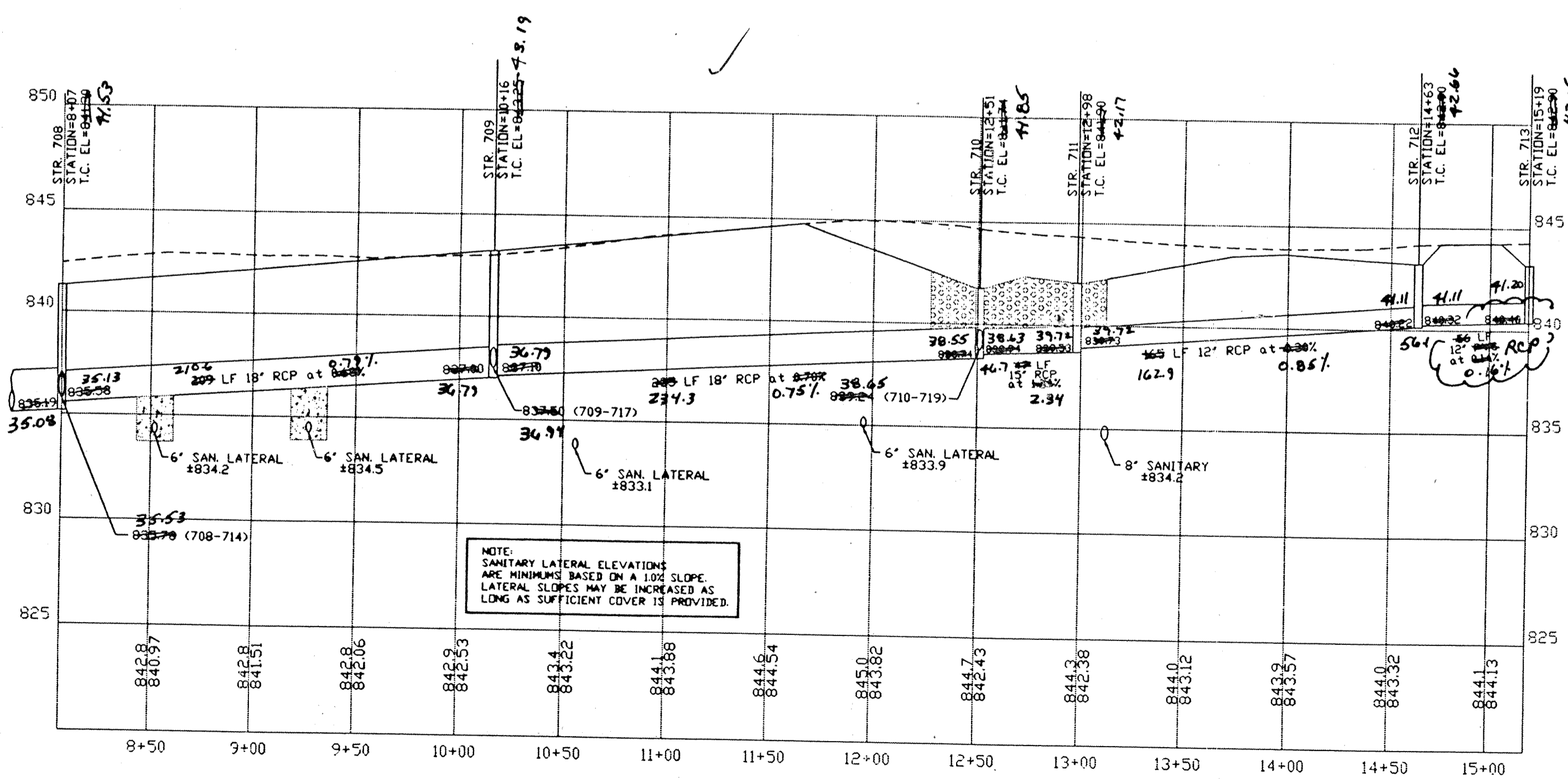
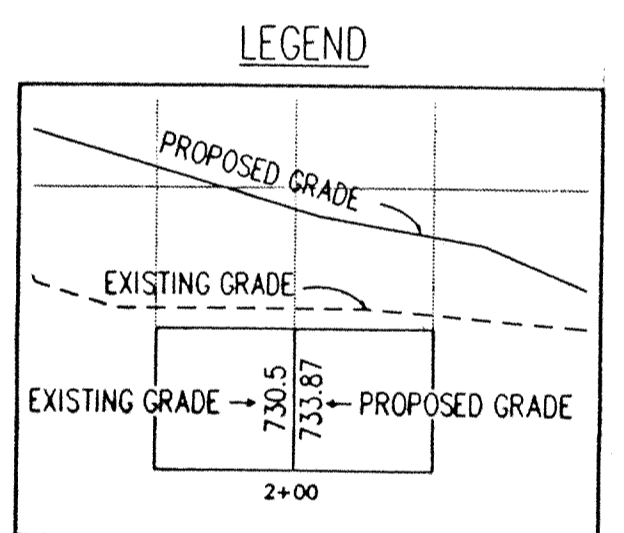
NOTE: TOP OF CASTING ELEVATIONS FOR CURB INLETS ARE LOCATED AT THE TOP OF CURB ELEVATION WHILE TOP OF CASTING ELEVATIONS FOR YARD GRATE CASTINGS ARE LOCATED AT THE FLOW LINE.

STRUCTURE NUMBER	STRUCTURE TYPE	DETAIL (SEE SHT. C707)	CASTING TYPE (NEENAH EQUIV.)
708	60" SHALLOW MANHOLE	ST-6	R-1772
709	48" SHALLOW MANHOLE	ST-6	R-1772
710	PRECAST TYPE "A" INLET	ST-37	R-3501-N
711	PRECAST TYPE "A" INLET	ST-36	R-3501-N
712	PRECAST TYPE "A" INLET	ST-36	R-4342
713	PRECAST TYPE "A" INLET	ST-36	R-4342
714	48" SHALLOW MANHOLE	ST-6	R-3501-N
715	48" SHALLOW MANHOLE	ST-6	R-3501-N
716	PRECAST TYPE "A" INLET	ST-36	R-4342
717	48" SHALLOW MANHOLE	ST-6	R-3501-TL
718	PRECAST TYPE "A" INLET	ST-36	R-3501-TR
719	PRECAST TYPE "A" INLET	ST-36	R-3501-N
720	PRECAST TYPE "A" INLET	ST-36	R-3501-N

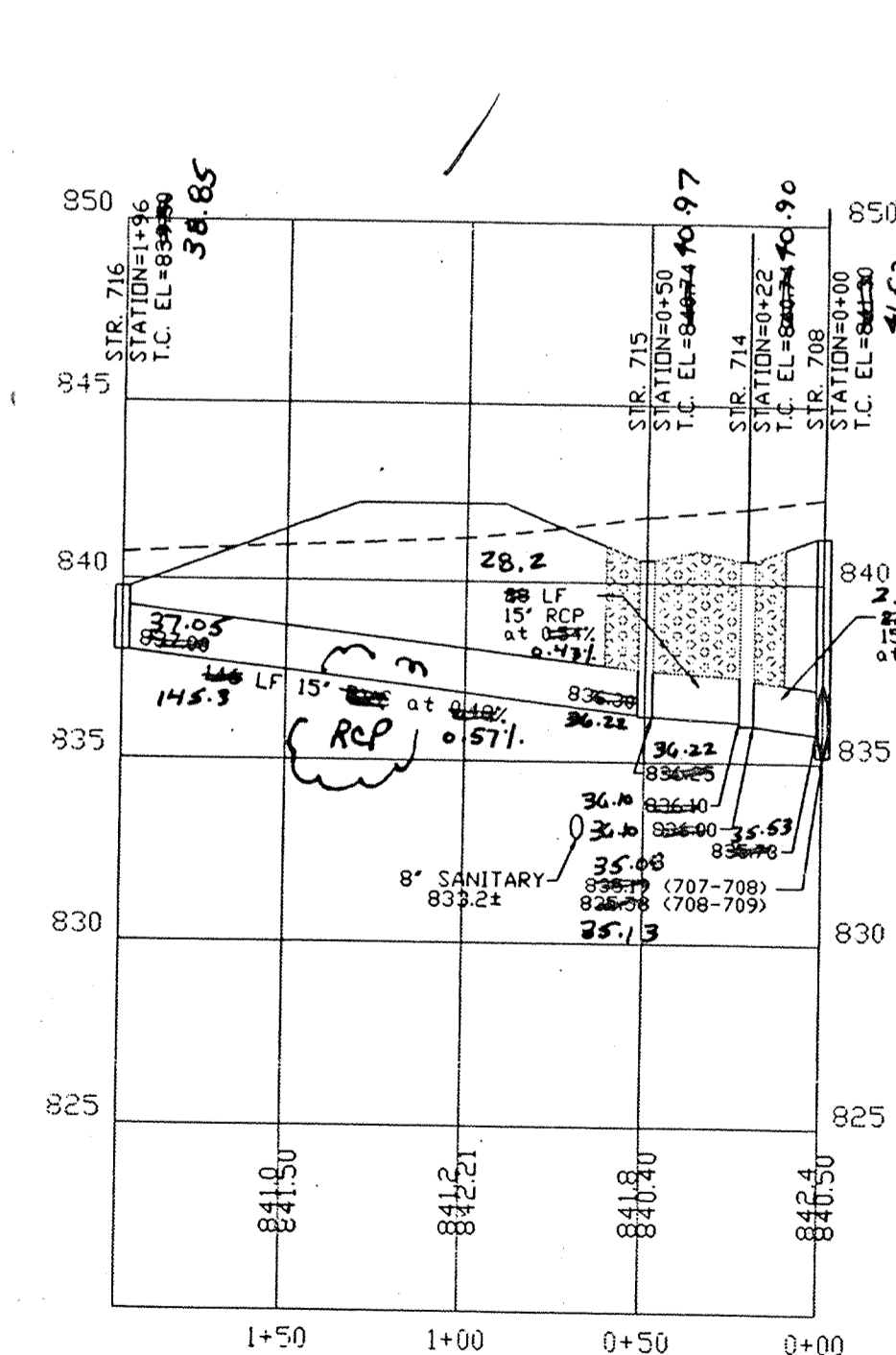


Information was gathered for input to the Geographic Information System. This information was considered an official record of the GIS.

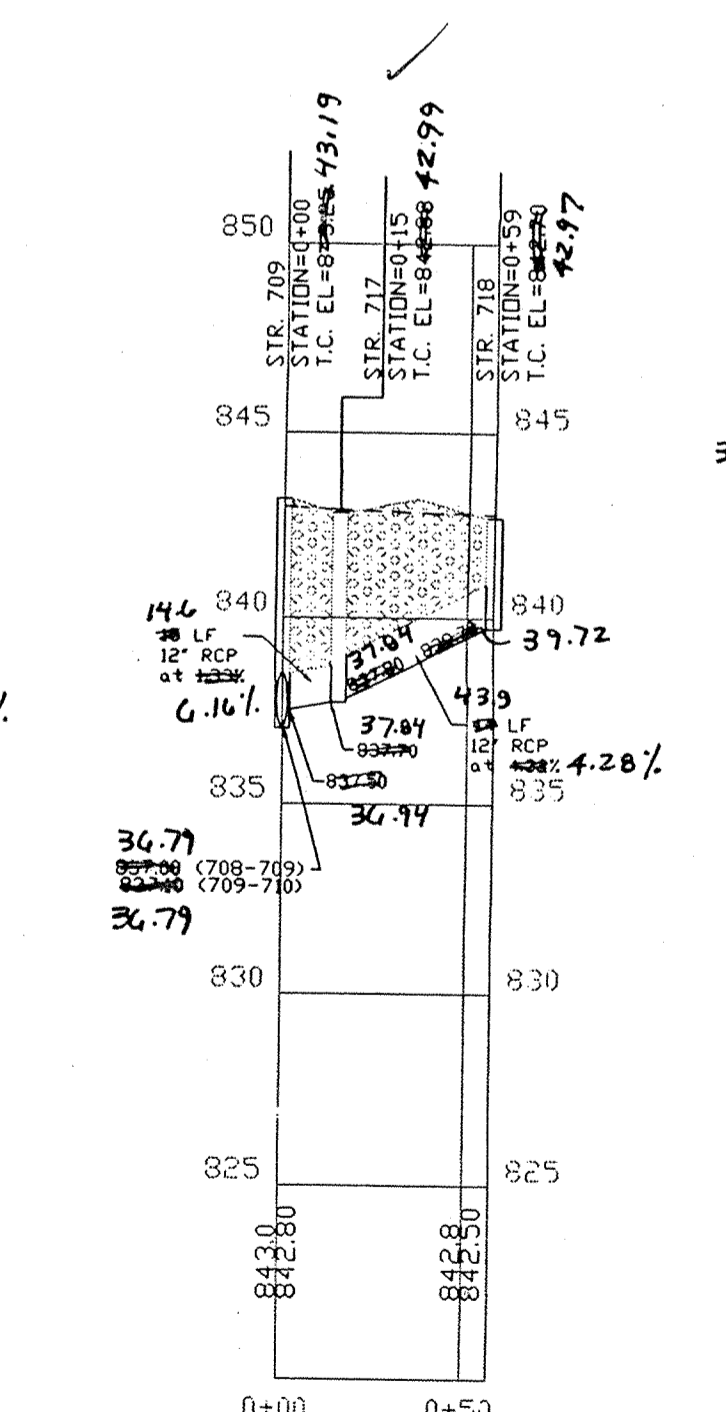
Entry Date: 02/04/98
Entered by: Suzanne L. Mills



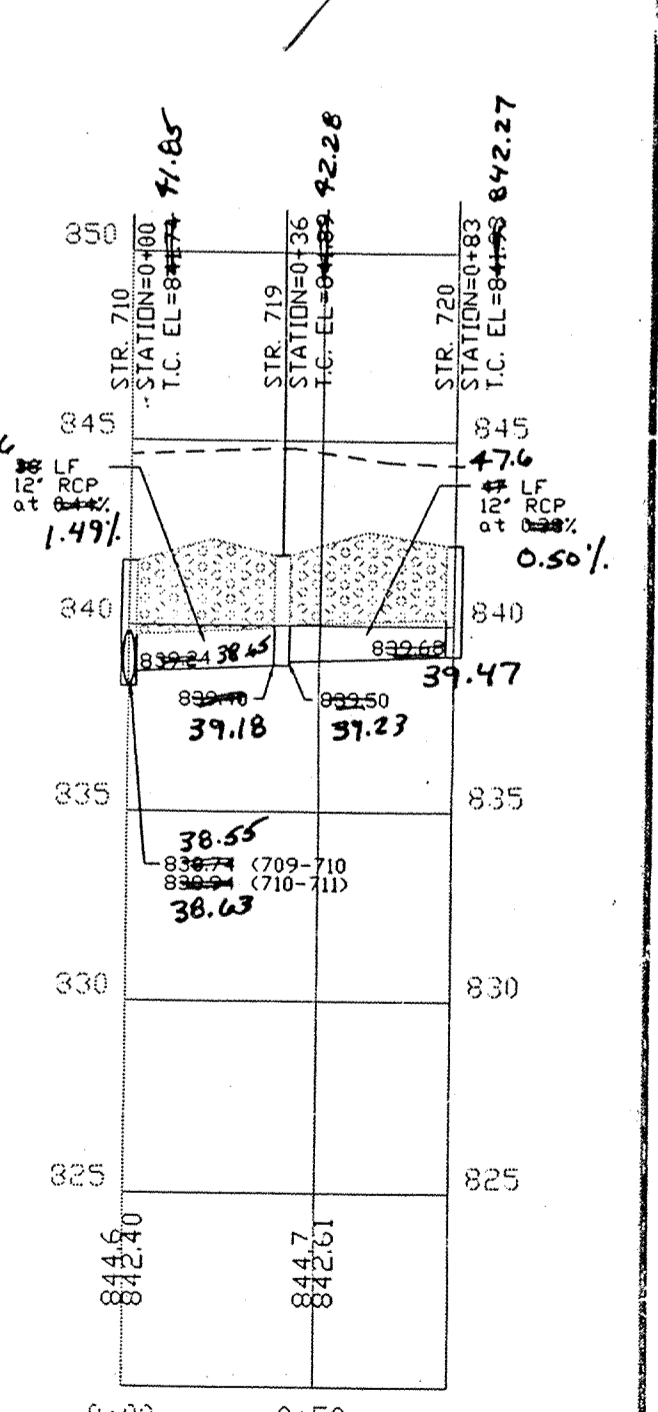
PROFILE SEVEN



PROFILE EIGHT



PROFILE NINE

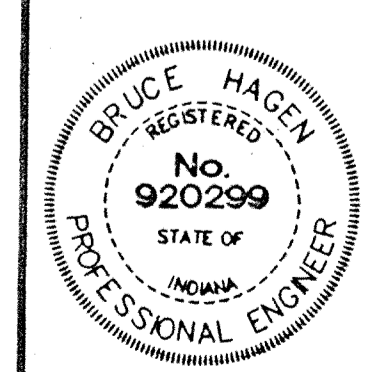


PROFILE TEN

SECTION 1 AS-BUILTS

DONT DIG BLIND

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1-800-428-5200
FOR CALLS OUTSIDE OF INDIANA



CERTIFIED BY: <i>Suzanne L. Mills</i>	REVISIONS	REVISIONS
DATE: 11/6/97	4/20/98 - Make Pipe RCP 712-713; 712-714 - Add 711-713 to Plan view	

PAUL I. CRIPE, INC.

7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250

- CIVIL ENGINEERING
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- ARCHITECTURE
- LAND PLANNING

QUALITY ASSURANCE:

DATE: 10-31-97

SCALE: HORIZ. 1"=50'
VERT. 1"=5'

DRAWING TITLE:
STORM SEWER PLAN & PROFILE

DWG. TYPE: _____ FILE NUMBER: _____

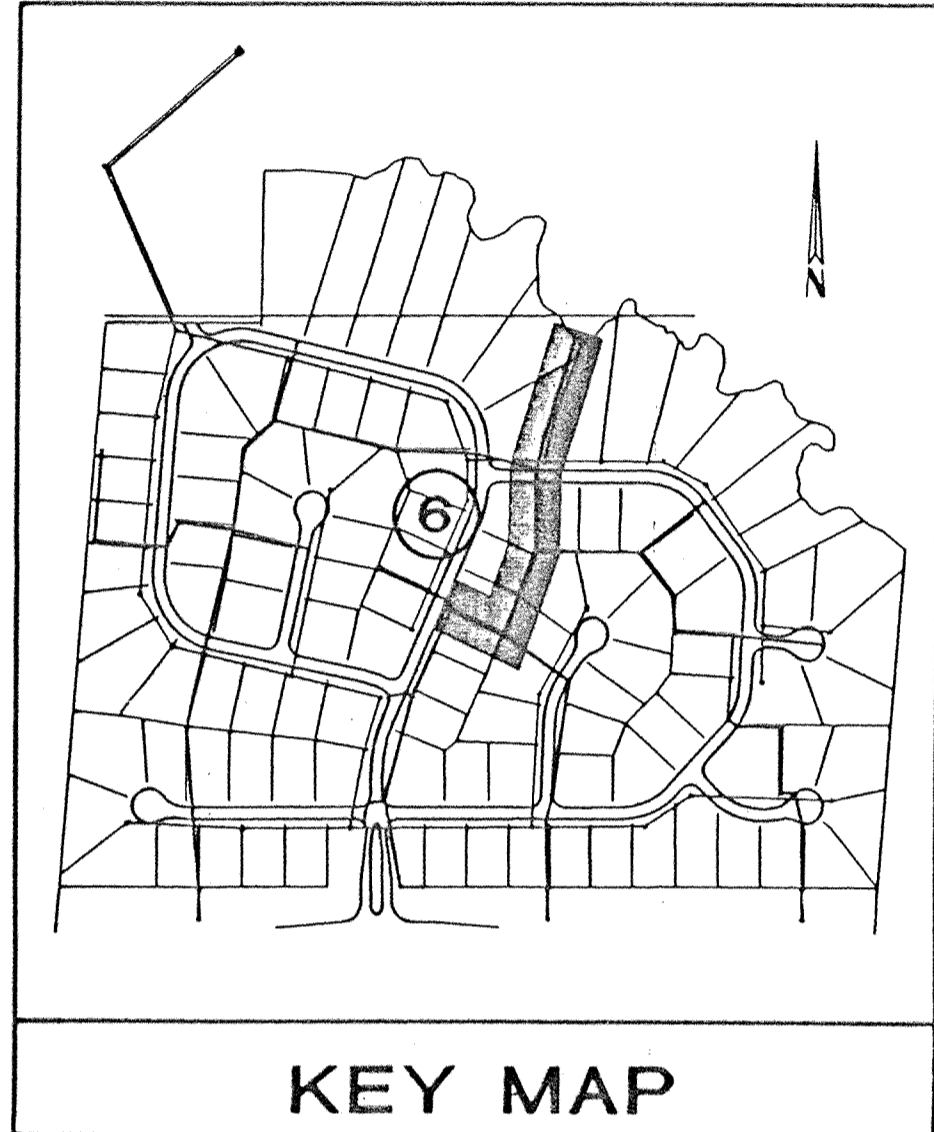
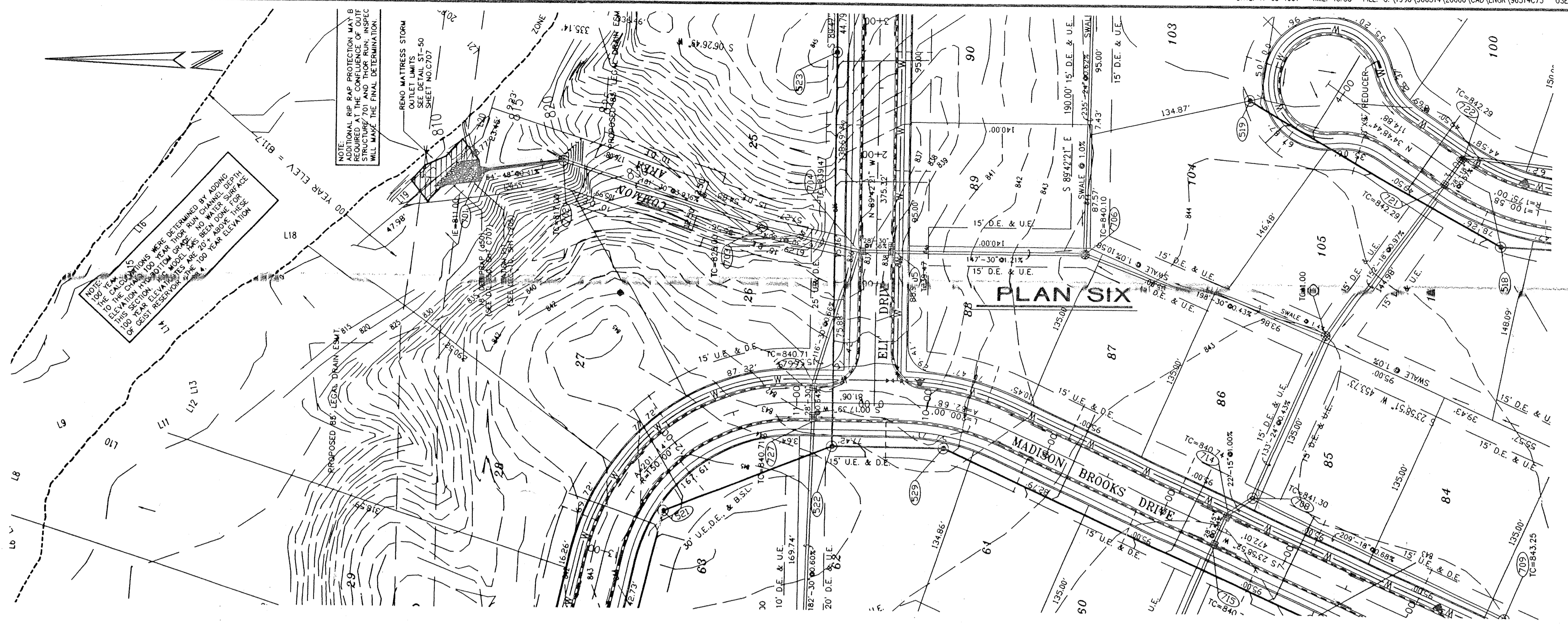
JOB NUMBER: 960514-20000

BROOKS LANDING

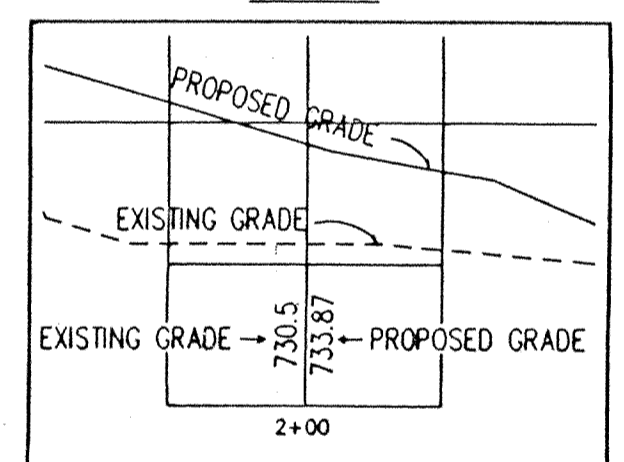
SHEET: **C704**

NOTES:

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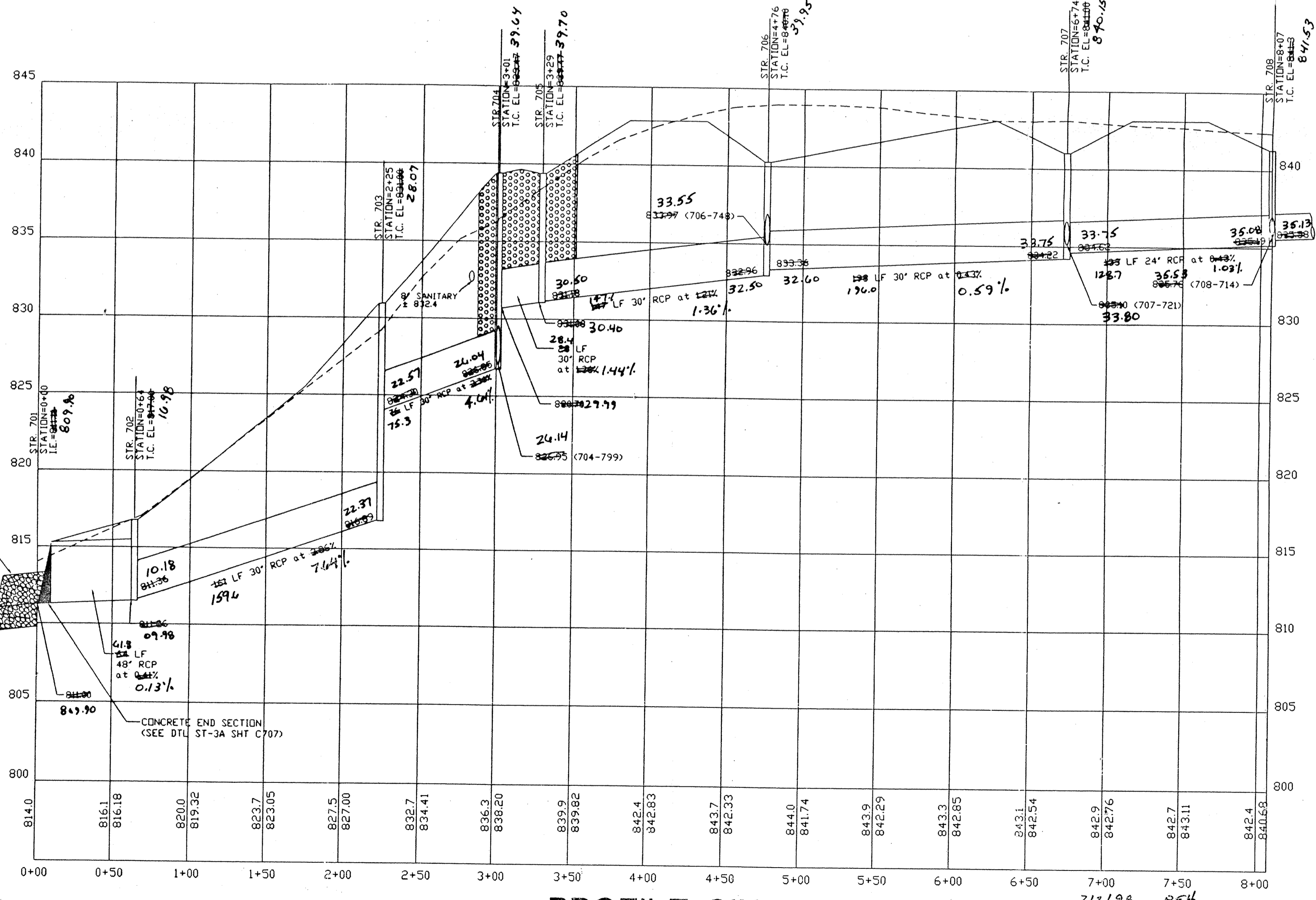
LEGEND



- GRANULAR BACKFILL
- CONCRETE ENCASEMENT (SEE DTL SA-11, SHT C507)

NOTE: TOP OF CASTING ELEVATIONS FOR CURB INLETS ARE LOCATED AT THE TOP OF CURB ELEVATION WHILE TOP OF CASTING ELEVATIONS FOR YARD GRATE CASTINGS ARE LOCATED AT THE FLOW LINE.

STRUCTURE NUMBER	STRUCTURE TYPE	DETAIL (SEE SHT. C707)	CASTING TYPE (NEENAH EQUIV.)
701	CONCRETE END SECTION	ST-3A	
702	72" SHALLOW MANHOLE	ST-6	R-1772
703	60" MANHOLE	ST-4	R-1772
704	72" MANHOLE	ST-4	R-3501-N
705	60" MANHOLE	ST-4	R-3501-N (TWO)
706	72" MANHOLE	ST-4	R-4342
707	72" MANHOLE	ST-4	R-4342
708	60" SHALLOW MANHOLE	ST-6	R-1772



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: 02-04-03
Entered by: Eugene Phillips

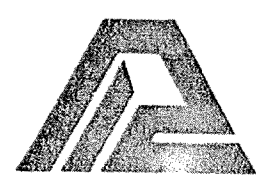


DON'T DIG BLIND

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CALL TOLL FREE
1-800-428-6200
FOR CALLS OUTSIDE OF INDIANA

CERTIFIED BY:	REVISIONS	REVISIONS
Bruce Hagen	2/24/98 Add Common Area between Lots 25 & 26	
	2/24/98 Add D.E.'s Lots 23-27 and 30-32	
DATE: 2/24/97		



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CIVIL ENGINEERING
LAND SURVEYING
ARCHITECTURE
LAND PLANNING

QUALITY ASSURANCE:
DATE: 10-31-97
SCALE: HORIZ. 1"=50'
VERT. 1"=5'

DRAWING TITLE:
STORM SEWER PLAN & PROFILE

DWG. TYPE	FILE NUMBER	SHEET:
		C703
JOB NUMBER: 960514-20000		

BROOKS LANDING

