Drain: CANAL PLACE DRAIN -317
Improvement: WEATHERSTONE - SECTION 1
Operator: JDH
Date: 10-10-03
YR OF CONST. 1999

GIS Drain Input Checklist

- Digitize & Attribute Tile Drains — N/A
- Digitize & Attribute Storm Drains — J.A. 10-10[redacted]
- Digitize & Attribute SSD — J.A. 10-13
- Digitize & Attribute Open Ditch — N/A
- Sum drain lengths & Validate — J.A. 10-13
- Enter Improvements into Posse — J.A. 10-13
- Enter Drain Age into Posse — JWJ 10-21
- Sum drain length for Watershed in Posse — JWJ - 10-21
- Stamp Plans — J.A. 10-13
- Pull Source Documents for Scanning — J.A. 10-13

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Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: CANAL PLACE DRAIN - WEATHERSTONE - SECTION 1

Drain Type:	Size:	Length (Source Docs)	Length (Query)	Length Reconcile	If Applicable Price:	If Applicable Cost:
SSD	6"	7858'	7858'	ø		
RCP	12"	1036.23'	936.23'	-100		
	15"	1157.56	1097.56	-60		
	18"	1053.01	1053.15	+.14		
	21"	604.22	604.22	ø		
	24"	1123	1123	ø		
	27"	705.23	705.23	ø		
	30"	659.8	659.8	ø		

Sum: 14,197.05 14,037.19

Final Report:_____

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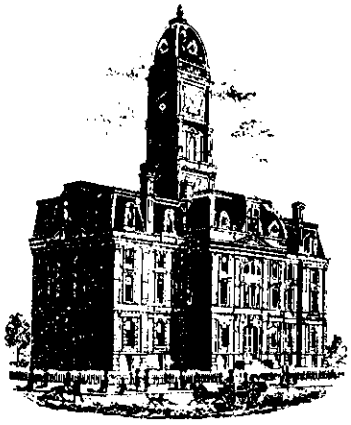

SURVEYOR'S OFFICE

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

August 3, 1999

Re: Canal Place Drain, Weatherstone Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Weatherstone Arm, Canal Place Drain. I have reviewed the submittals and petition and have found each to be in proper form.

I have made a personal inspection of the land described in the petition. Upon doing so, I believe that the drain is practicable; will improve public health; benefit a public highway and be of public utility; and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefited. The drain will consist of the following:

6"	SSD	7,554 ft	18"	RCP	1,060 ft	27"	RCP	756 ft
12"	RCP	802 ft	21"	RCP	610 ft	30"	RCP	688 ft
15"	RCP	1,127 ft	24"	RCP	1,129 ft			

The Total length of the drain will be ~~6,172~~ 12,176 feet.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs. Only the main SSD lines, which are located within the right of way, are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain.

I have reviewed the plans and believe the drain will benefit each lot equally. 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 the total annual assessment for this drain/this section will be $3,256.50.

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I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 - 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 Weatherstone as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for September 27, 1999.

Kenton C. Ward
Hamilton County Surveyor

KCW/llm

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CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: Hamilton County Surveyor

FROM: Paul I. Cripe, Inc.

SUBJECT: Weatherstone Subdivision

I hereby certify that

1) I am familiar with the plans and specifications for the above referenced project,

2) I have personally observed the completion of the above referenced project, and

3) To the best of my knowledge, information and belief, the above referenced project has been performed and completed in conformity with all plans and specifications, except as shown on "Record Drawings"

Signature Joseph A. Sharp Date 5-25-2000

Type or Printed Name Joseph A. Sharp

Business Address 7172 Graham Road
Indianapolis, IN 46250

Telephone (317) 842-6777

Seal

Indiana Registration Number

15179

FILED

MAY 25 2000

OFFICE OF HAMILTON COUNTY SURVEYOR

ADM:tl
1/13/84

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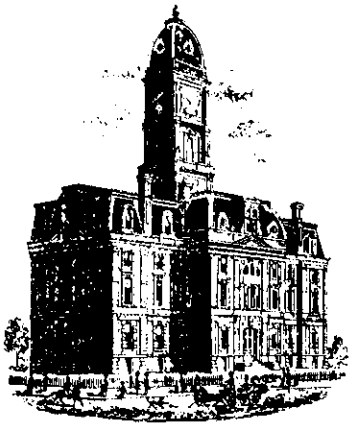

SURVEYOR'S OFFICE

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

October 10, 2003

Re: Canal Place Drain: Weatherstone Sec. 1 Arm

Attached are as-builts, certificate of completion & compliance, and other information for Weatherstone Sec. 1 Arm. 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 August 3, 1999. The report was approved by the Board at the hearing held September 27, 1999 . (See Drainage Board Minutes Book 5, Pages 222-223)
The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
715	833.13	828.13				
714	833.97	824.87	18	429.66	433	-3.34
714	833.97	824.87				
713A	830.07	823.97	18	60.75	63	-2.25
713A	830.07	823.97				
713	830.08	819.98	18	267.18	267	0.18
713	830.08	819.98				
712	827.06	813.81	21	123.93	128	-4.07
712	827.06	813.81				
711	826.89	813.29	24	78.03	70	8.03
711	826.89	813.27				
710	822.96	811.78	27	130.61	135	-4.39
710	822.96	811.58				
709	820.23	810.18	27	131.51	135	-3.49
709	820.23	810.18				
708	819.01	809.61	27	59.06	53	6.06
708	819.01	809.61				
707	811.82	807.22	27	154.44	159	-4.56
750	823.45	815.75				
710	822.98	811.83	12	181.76	50	131.76
710	822.98	811.68				
751	822.95	818.95	12	110.99	110	0.99
712	827	814				

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752	826	820	12	Not	Constructed	-100
733	832.97	829.92				
732	835.25	828.95	12	306.76	305	1.76
732	835.25	828.95				
731	837.42	827.97	15	129.3	130	-0.7
731	837.42	827.97				
730	837.73	826.98	15	104.8	106	-1.2
730	837.73	826.88				
729	837	826.05	18	104.14	106	-2
729	837	826.05				
728	833.76	825.01	18	191.42	191	0.42
728	833.76	824.71				
727	825.88	821.13	21	393.24	392	1.24
727	825.88	821.08				
726	824.76	820.53	21	36.96	44	-7.04
726	824.76	820.53				
725	824.65	820.05	21	28.32	20	8.32
725	824.65	820.05				
724	825.56	819.46	21	21.77	26	-4.23
724	825.56	818.86				
723	824.99	818.14	24	123.19	119	4.19
723	824.99	818.14				
722	822.28	816.33	24	153.72	161	-7.28
722	822.28	816.33				
721A	821.55	814.5	24	83.99	85	-1.01
721A	821.55	814.5				
721	823.42	813.87	24	67.57	67	0.57
738	828.68	823.94				
737	828.27	823.55	12	61.08	60	1.08
737	828.27	823.52				
736	828.12	822.92	12	31.31	23	8.31
736	828.12	822.9				
735	828.71	822.21	15	32.72	38	-5.28
735	828.71	822.06				
724	825.56	819.36	15	193.01	194	0.99
723	825	818				
734	823.5	819	15	Not	Constructed	-60
724	825.56	819.36				
740	827.98	821.03	15	136.37	137	-0.63
740	827.98	821.08				
741	830.12	821.57	15	85.55	85	0.55
741	830.12	821.67				
742	825.97	822.17	15	115.66	114	1.66
740	827.98	822.03				
743	827.34	823.09	12	62.11	60	2.11
728	833.76	825.11				
744	835.45	829.75	15	153.12	157	-3.88
744	835.45	829.75				

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745	835.48	830.53	12	32.96	29	
745	835.48	830.53				
746	835.52	830.87	12	58.49	52	6.49
748	835.82	832.17				
747	836.2	831.47	12	48.15	42	6.15
747	836.2	831.47				
747A	836.39	831.34	15	26.5		
747A	836.39	831.34				
730	837.73	826.93	15	120.53	144	-23.47
748	835.82	832.17				
749	836.22	832.52	12	42.62	43	-0.38
707	812	807.22				
706	807		27	229.61	86	143.61
706	807					
705	811.9		30	319	320.38	-1.38
705	811.9					
704	811.98		30	41.8	38.35	3.45
704	811.98					
703	811.92		30	24	35.35	-11.35
703	811.92					
702	805.49		30	165.5	155.58	9.92
702	805.49					
701		784.88	30	109.5	135.95	-26.45
721	823.15	813.5				
720	821.1	806	24	176		
720	821.1	806				
719	820.23	805	24	26.4	29	2.6
719	820.23	805				
718	811.61	801.9	24	200.7	203	2.3
718	811.61	801.9				
717		784.77	24	213.4	219	5.6

6" SSD Streets:

Saddlestone Dr	1514.84
Hawkstone Dr	750.2
Ash Stone Ct	501.11
Stonegate Dr	865.17
Farmstead Dr	145.69
Ash Stone Culdesac	77.38
Hawkstone Dr Culdesac	74.57
x2	
Total:	7858

RCP Pipe Totals:

12	936.23
15	1097.56
18	1053.15
21	604.22
24	1123
27	705.23
30	659.8
Total:	6179.19

The length of the drain due to the changes described above is now **14,037.19 feet.**

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The non-enforcement was approved by the Board at its meeting on September 27, 1999 and recorded under instrument #200000004039.

The bonds or letter of credits from Fifth Third Bank, number SB11667 and SB11665; dated July 1, 1999; in the amount of $302,708 for storm sewers and ssd, and $40,000 for erosion control; was released August 28, 2000.

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

Sincerely,

Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

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Asbuilt Structures

Project: Canal Place - Weatherstone Arm

Engineering Project #: Cripe 81100-20804

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
715	833.13	828.13				
714	833.97	824.87	18	429.66	433	-3.34
714	833.97	824.87				
713A	830.07	823.97	18	60.75	63	-2.25
713A	830.07	823.97				
713	830.08	819.98	18	267.18	267	0.18
713	830.08	819.98				
712	827.06	813.81	21	123.93	128	-4.07
712	827.06	813.81				
711	826.89	813.29	24	78.03	70	8.03
711	826.89	813.27				
710	822.96	811.78	27	130.61	135	-4.39
710	822.96	811.58				
709	820.23	810.18	27	131.51	135	-3.49
709	820.23	810.18				
708	819.01	809.61	27	59.06	53	6.06
708	819.01	809.61				
707	811.82	807.22	27	154.44	159	-4.56
750	823.45	815.75				
710	822.98	811.83	12	181.76	50	131.76
710	822.98	811.68				
751	822.95	818.95	12	110.99	110	0.99
712	827	814				
752	826	820	12	100		
733	832.97	829.92				
732	835.25	828.95	12	306.76	305	1.76
732	835.25	828.95				
731	837.42	827.97	15	129.3	130	-0.7
731	837.42	827.97				
730	837.73	826.98	15	104.8	106	-1.2
730	837.73	826.88				
729	837	826.05	18	104	106	-2
729	837	826.05				
728	833.76	825.01	18	191.42	191	0.42
728	833.76	824.71				
727	825.88	821.13	21	393.24	392	1.24
727	825.88	821.08				
726	824.76	820.53	21	36.96	44	-7.04
726	824.76	820.53				
725	824.65	820.05	21	28.32	20	8.32
725	824.65	820.05				
724	825.56	819.46	21	21.77	26	-4.23
724	825.56	818.86				
723	824.99	818.14	24	123.19	119	4.19
723	824.99	818.14				
722	822.28	816.33	24	153.72	161	-7.28

712 NEW DATA

707 T.C. NEW DATA

712 OLD DATA

752 NOT INSTALLED

NOTE: NO T.C. OR INV. FOR 707A

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722	822.28	816.33				
721A	821.55	814.5	24	83.99	85	-1.01
721A	821.55	814.5				
721	823.42	813.87	24	67.57	67	0.57
738	828.68	823.94				
737	828.27	823.55	12	61.08	60	1.08
737	828.27	823.52				
736	828.12	822.92	12	31.31	23	8.31
736	828.12	822.9				
735	828.71	822.21	15	32.72	38	-5.28
735	828.71	822.06				
724	825.56	819.36	15	193.01	194	0.99
723	825	818				
734	823.5	819	15	60		
724	825.56	819.36				
740	827.98	821.03	15	136.37	137	-0.63
740	827.98	821.08				
741	830.12	821.57	15	85.55	85	0.55
741	830.12	821.67				
742	825.97	822.17	15	115.66	114	1.66
740	827.98	822.03				
743	827.34	823.09	12	62.11	60	2.11
728	833.76	825.11				
744	835.45	829.75	15	153.12	157	-3.88
744	835.45	829.75				
745	835.48	830.53	12	32.96	29	
745	835.48	830.53				
746	835.52	830.87	12	58.49	52	6.49
748	835.82	832.17				
747	836.2	831.47	12	48.15	42	6.15
747	836.2	831.47				
747A	836.39	831.34	15	26.5		
747A	836.39	831.34				
730	837.73	826.93	15	120.53	144	-23.47
748	835.82	832.17				
749	836.22	832.52	12	42.62	43	-0.38
707	812	807.22				
706	807		27	★ 229.61	86	143.61
706	807					
705	811.9		30	319	320.38	-1.38
705	811.9					
704	811.98		30	41.8	38.35	3.45
704	811.98					
703	811.92		30	24	35.35	-11.35
703	811.92					
702	805.49		30	165.5	155.58	9.92
702	805.49					
701		784.88	30	109.5	135.95	-26.45
721	823.15	813.5				
720	821.1	806	24	176		
720	821.1	806				
719	820.23	805	24	26.4	29	2.6

NOT INSTALLED

707 T.C OLD DATA

706 UP INV 805.62

NOTE: NO T.C OR INV FOR 707A

★ LENGTH OF 75' FROM 707 TO 707A

LENGTH OF 154.61 FROM 707A TO 706

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719	820.23	805				
718	811.61	801.9	24	200.7	203	2.3
718	811.61	801.9				
717		784.77	24	213.4	219	5.6

6" SSD Streets:

Saddlestone Dr	1514.84
Hawkstone Dr	750.2
Ash Stone Ct	501.11
Stonegate Dr	865.17
Farmstead Dr	145.69
Ash Stone Culdesac	77.38
Hawkstone Dr Culdesac	74.57
x2	
Total:	7858

RCP Pipe Totals:

12	1036.23
15	1157.56
18	1053.01
21	604.22
24	1123
27	705.23
30	659.8
Total:	6339

Total Length of Drain: **14,197**

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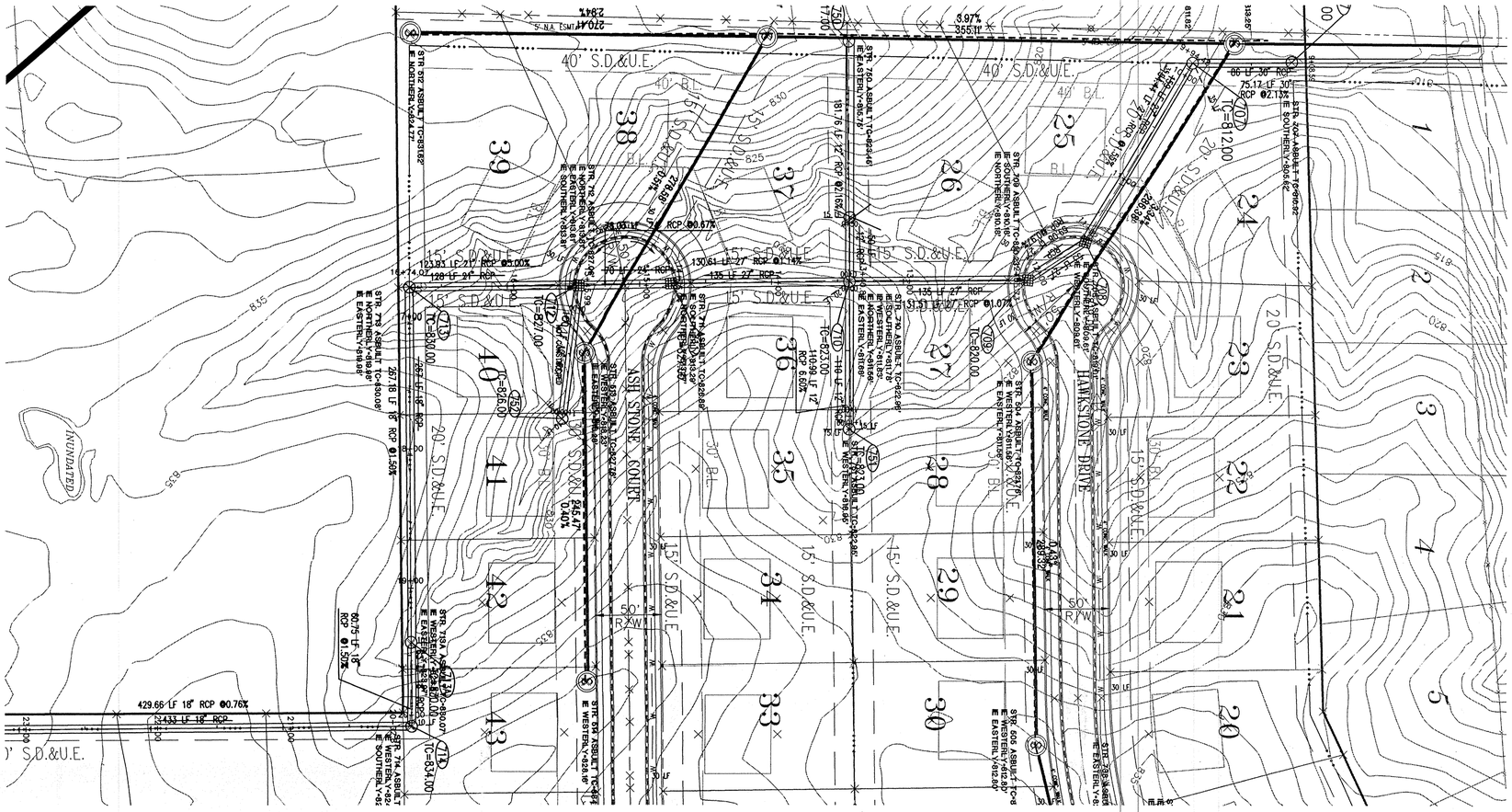


PLAN ONE

STORM SEWER PLAN AND PROFILE NOTES:

1. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
2. IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
3. ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS, STEPS AND PIPE CONNECTIONS WELL GROUTED, TROWELED SMOOTH AND BRUSH FINISHED.
4. ALL STRUCTURES (IE: MANHOLES, INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCHWALLS SHALL BE TROWELED SMOOTH AND BRUSH FINISHED.
5. FIELD ADJUSTMENTS OF TOP OF CASTING (T.C.) OF STRUCTURES MAY BE REQUIRED TO MEET FIELD CONDITIONS. ADJUSTMENTS EXCEEDING FIVE TENTHS (0.5) OF A FOOT MUST BE APPROVED BY THE ENGINEER TO DETERMINE THE INTEGRITY OF THE STRUCTURE. AT NO COST TO THE OWNER.
6. STORM STRUCTURES WITH INLET CASTINGS SHALL BE SET TO MAINTAIN A POSITIVE DRAINAGE FLOW INTO THE STRUCTURE.
7. STORM PIPE INVERTS AT OUTLET STRUCTURES (IE: END SECTIONS), AND PIPE LENGTHS MAY REQUIRE FIELD ADJUSTMENTS TO MEET ACTUAL FIELD CONDITIONS.
8. FULL DEPTH GRANULAR BACKFILL SHALL BE REQUIRED UNDER AND WITHIN (5) FEET OF ALL PAVED AREAS, INCLUDING CURBS, EDGE OF PAVEMENT, AND SIDEWALKS.
9. SEE SECTION 02720 FOR STORM SEWERAGE SPECIFICATIONS A) IN THE PROJECT MANUAL OR B) ON SHEET C902.
10. PIPES LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE AND INCLUDE END SECTIONS.

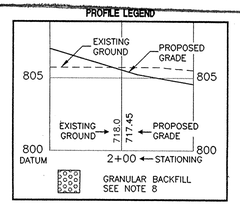
HAMILTON COUNTY INDIANA 1823

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: 10-13-03

Entered by: JDH

PROFILE LEGEND



DON'T DIG BLIND

"HOLEY MOLEY" SEZ:

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

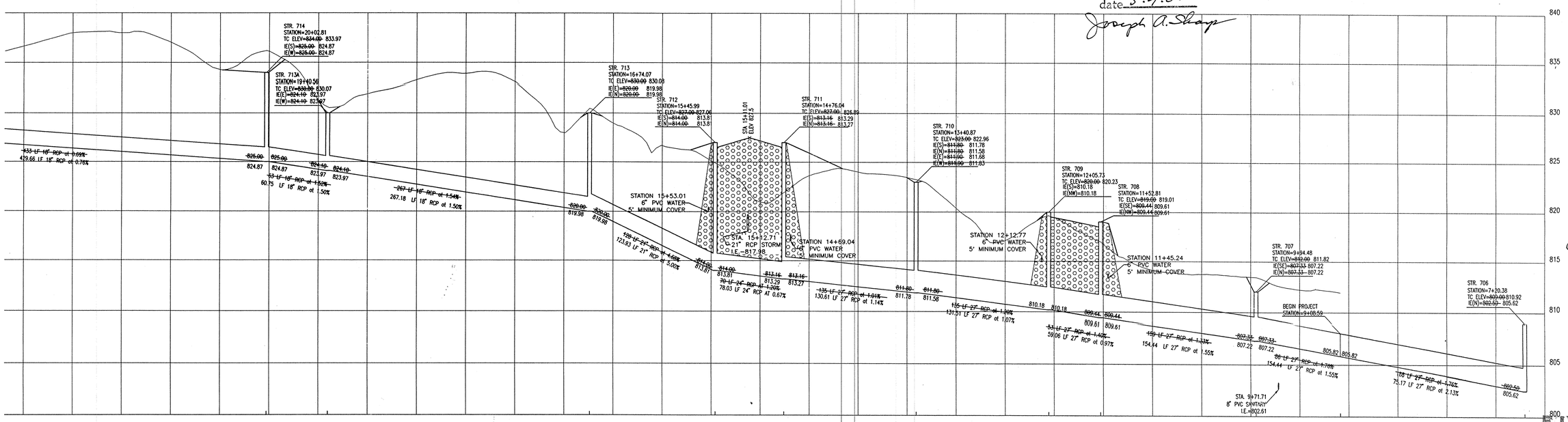
CAUTION

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.

AS BUILT

date 3.9.00

Joseph A. Sharp



PROFILE ONE

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Revisions			
Mark	Date	Description	
A	07-02-99	REVISE PIPE GRADE.	

PAUL I. CRIPE, INC.
ARCHITECTS ENGINEERS LANDSCAPE ARCHITECTS ENVIRONMENTAL CONSULTANTS RECREATION PLANNERS LAND PLANNERS LAND SURVEYORS
7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
(317) 842-5777 FAX (317) 841-4798
E-Mail at picripe@picripe.com

STORM PLAN AND PROFILE
WEATHERSTONE
MARINA LIMITED PARTNERSHIP
11691 FALL CREEK RD.
INDIANAPOLIS, IN 46256
PHONE: 845-0270 FAX: 845-0766

CERTIFIED BY: Joseph A. Sharp

JOSEPH A. SHARP REGISTERED No. 15179 STATE OF INDIANA PROFESSIONAL ENGINEER

Drawn By:

Checked By:

Quality Assurance:

Scale: 0 Scale: 1" = 50'

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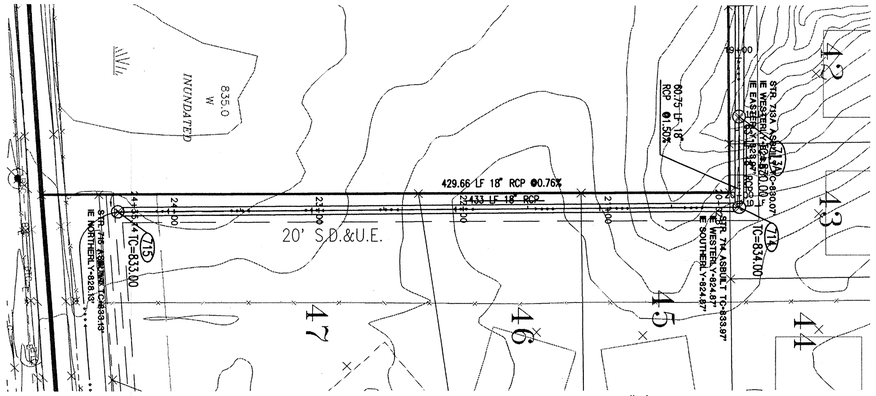
C701

Date: 06-29-99

Project Number: 81100-20804



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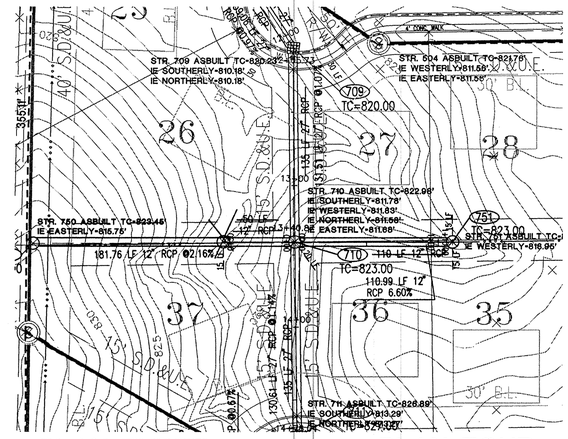
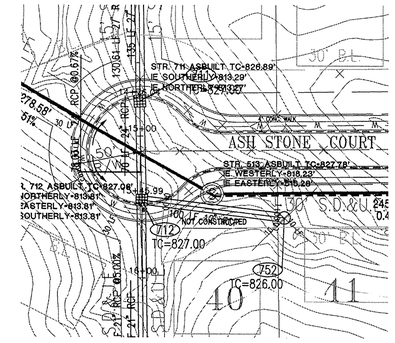


PLAN THREE

PLAN FOUR



PLAN FIVE

STORM SEWER PLAN AND PROFILE NOTES:

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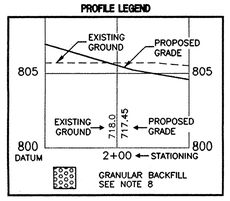
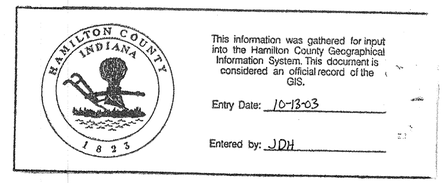
PROFILE LEGEND





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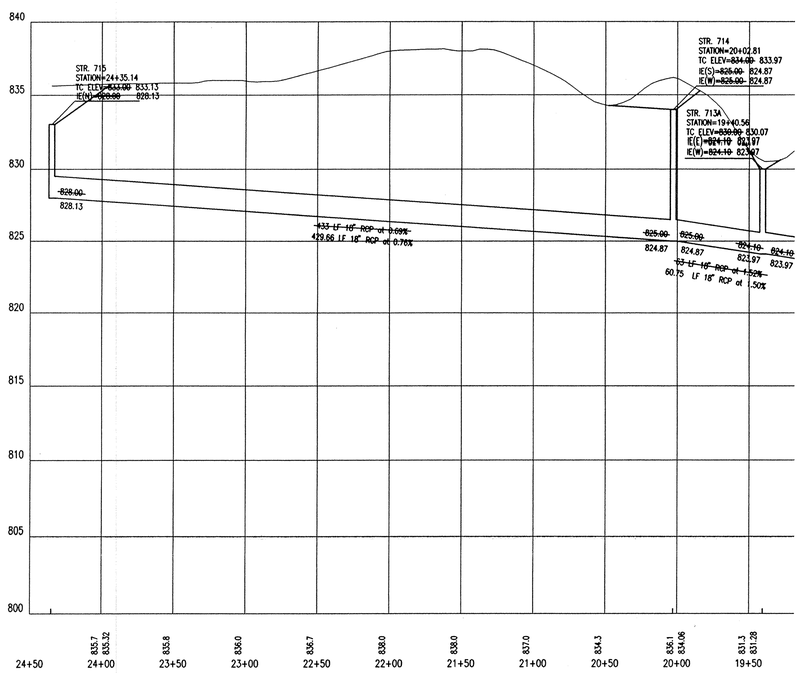

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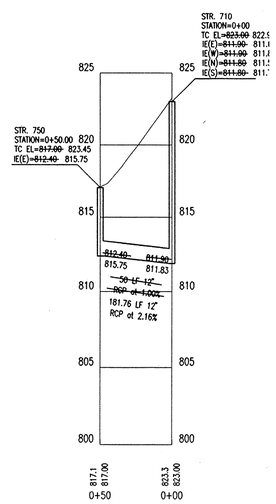

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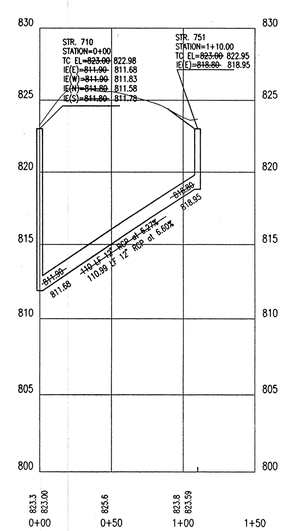

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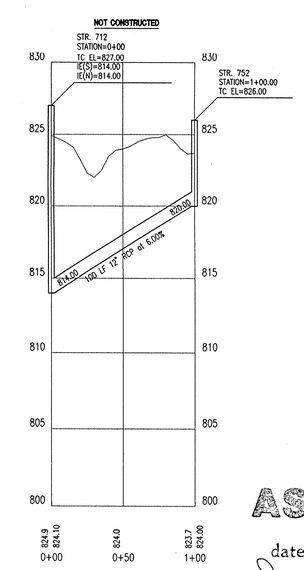

PROFILE FIVE

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06-29-99

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Revisions			
Mark	Date	Description	
A	07-02-99	RETYPE PIPE GRADE AROUND STR. 710	

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STORM PLAN AND PROFILE
WEATHERSTONE
MARINA LIMITED PARTNERSHIP
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PHONE: 845-0270 FAX: 845-0766

CERTIFIED BY: Joseph A. Sharp
JOSEPH A. SHARP REGISTERED No. 15179 STATE OF INDIANA PROFESSIONAL ENGINEER

Drawn By:
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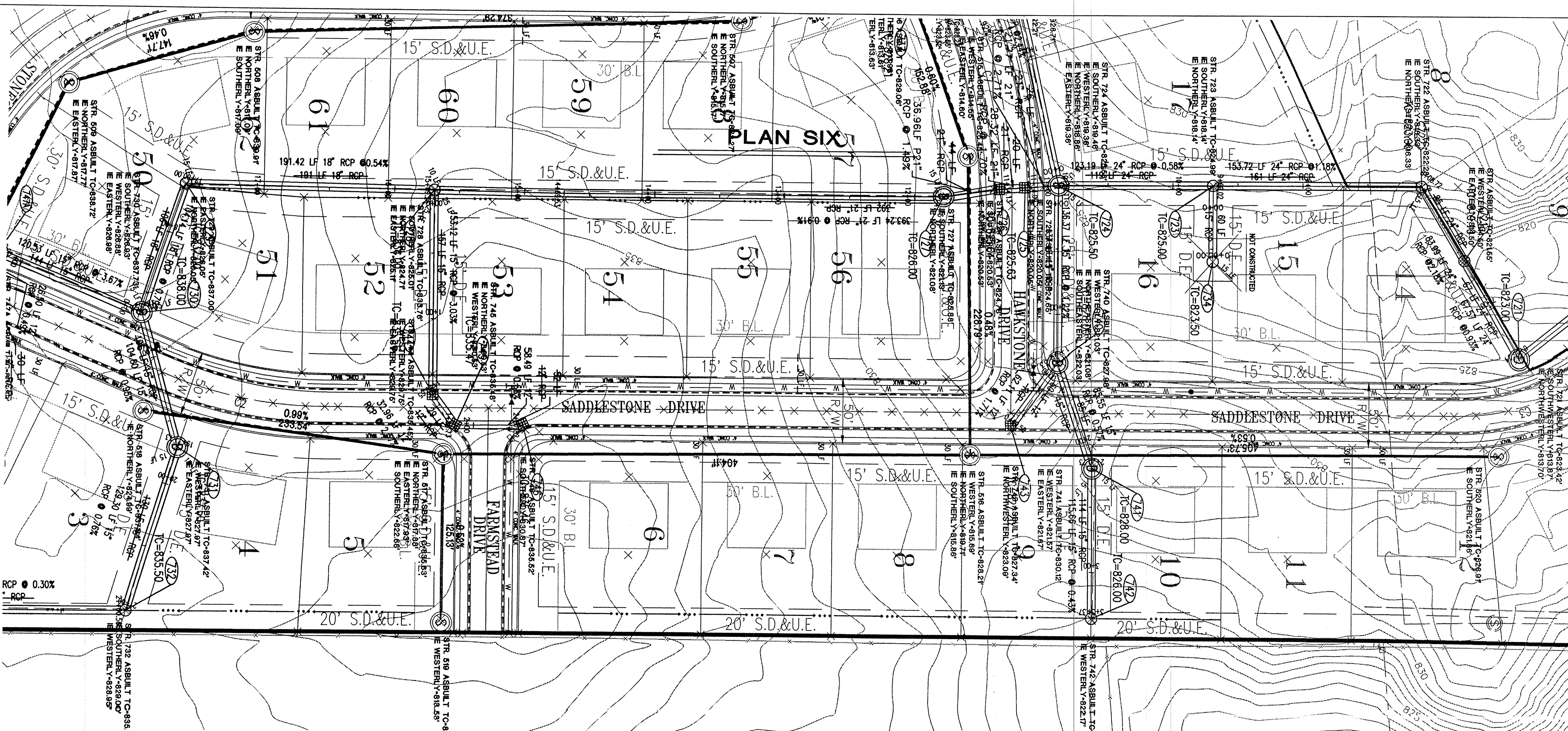
Scale: 0 Scale: 1" = 50'
Date: 06-29-99
Sheet C702
Project Number 81100-20804

DATE: 07-02-1999 TIME: 10:52 FILE: N:\81100\20804\CDS\C703.DWG USER: EGLLIS



STORM SEWER PLAN AND PROFILE NOTES:

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HAMILTON COUNTY INDIANA 1823

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Entered by: JDH

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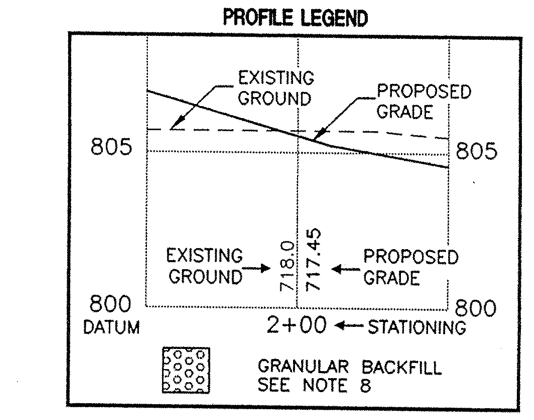

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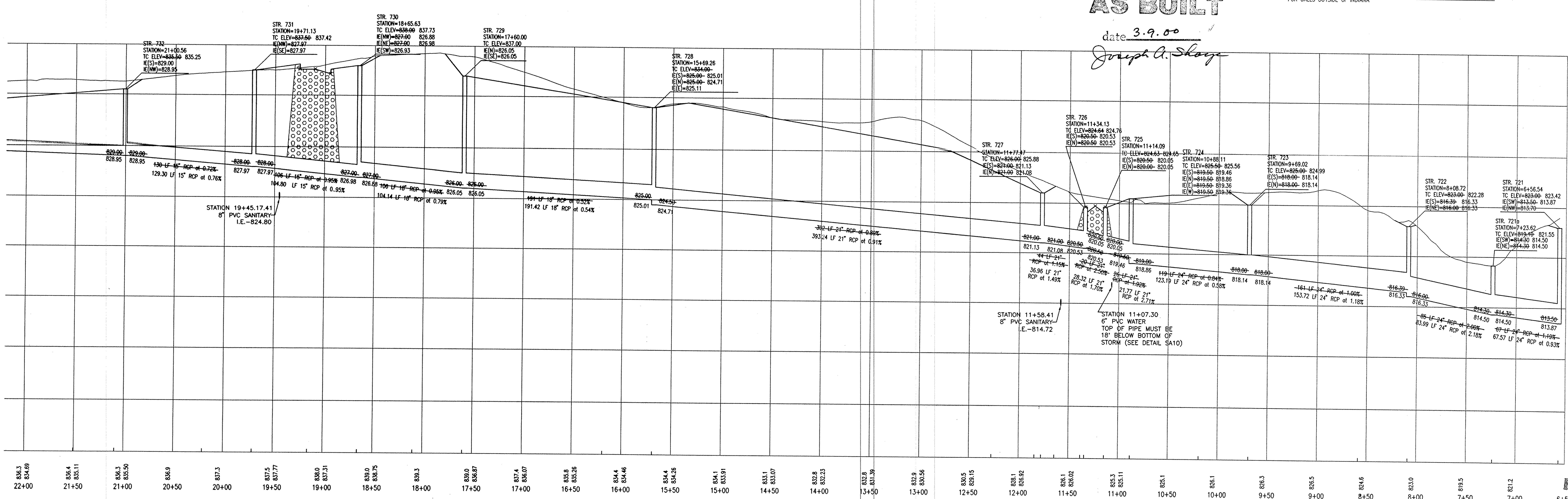
AS BUILT
date 3.9.00
Joseph A. Sharp



PROFILE SIX

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Revisions Mark	Date	Description
△	07-02-99	CHANGE INVERT AT STR. 721A AND NECESSARY INVERTS AROUND STR.

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STORM PLAN AND PROFILE
WEATHERSTONE

MARINA LIMITED PARTNERSHIP
11691 FALL CREEK RD.
INDIANAPOLIS, IN 46256
PHONE: 845-0270 FAX: 845-0766

CERTIFIED BY: Joseph A. Sharp

JOSEPH A. SHARP REGISTERED No. 15179 STATE OF INDIANA PROFESSIONAL ENGINEER

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Quality Assurance:
Scale: 0 Scale: 1" = 50'
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C703
FILE
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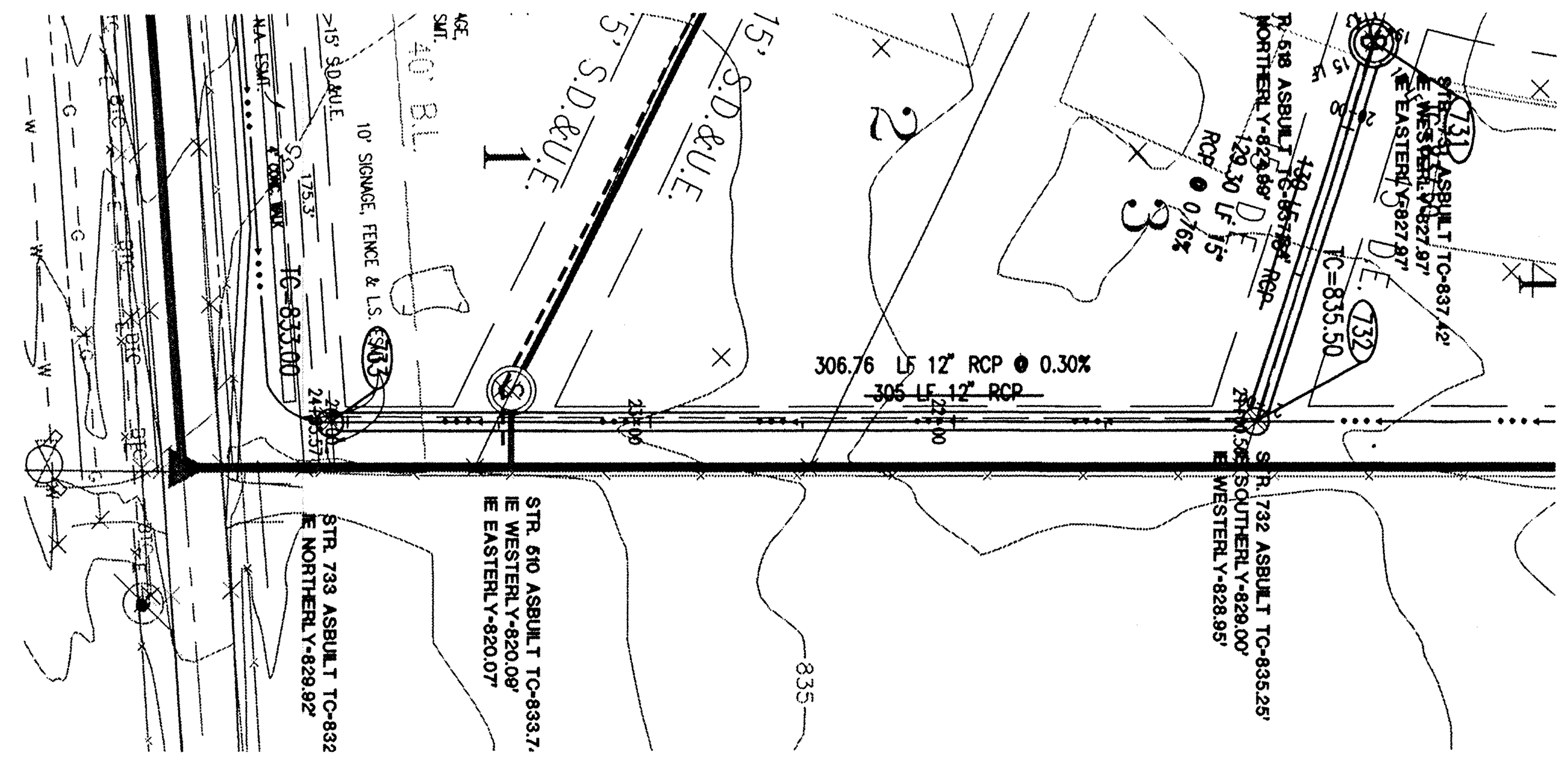
OFFICE OF HAMILTON COUNTY SURVEYOR
Date 06-29-99
Project Number 81100-20804



PLAN SEVEN

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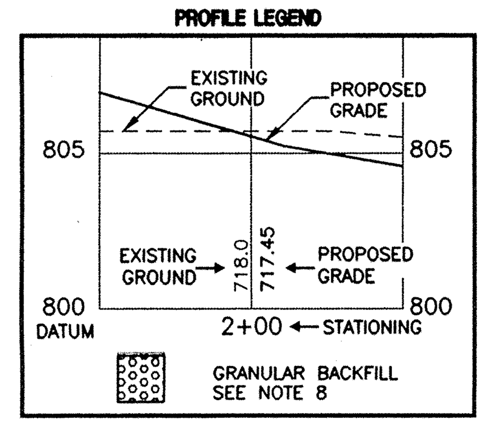
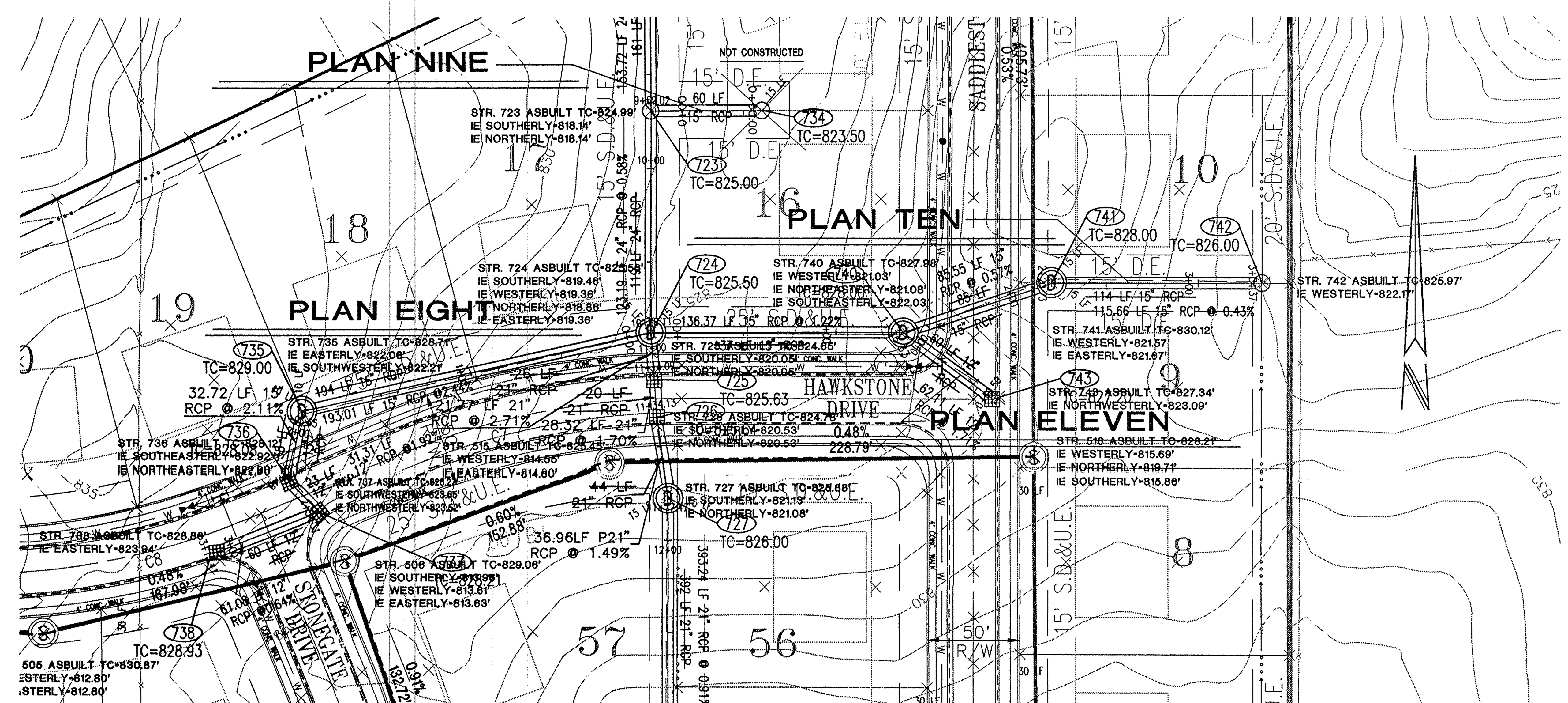
PROFILE LEGEND





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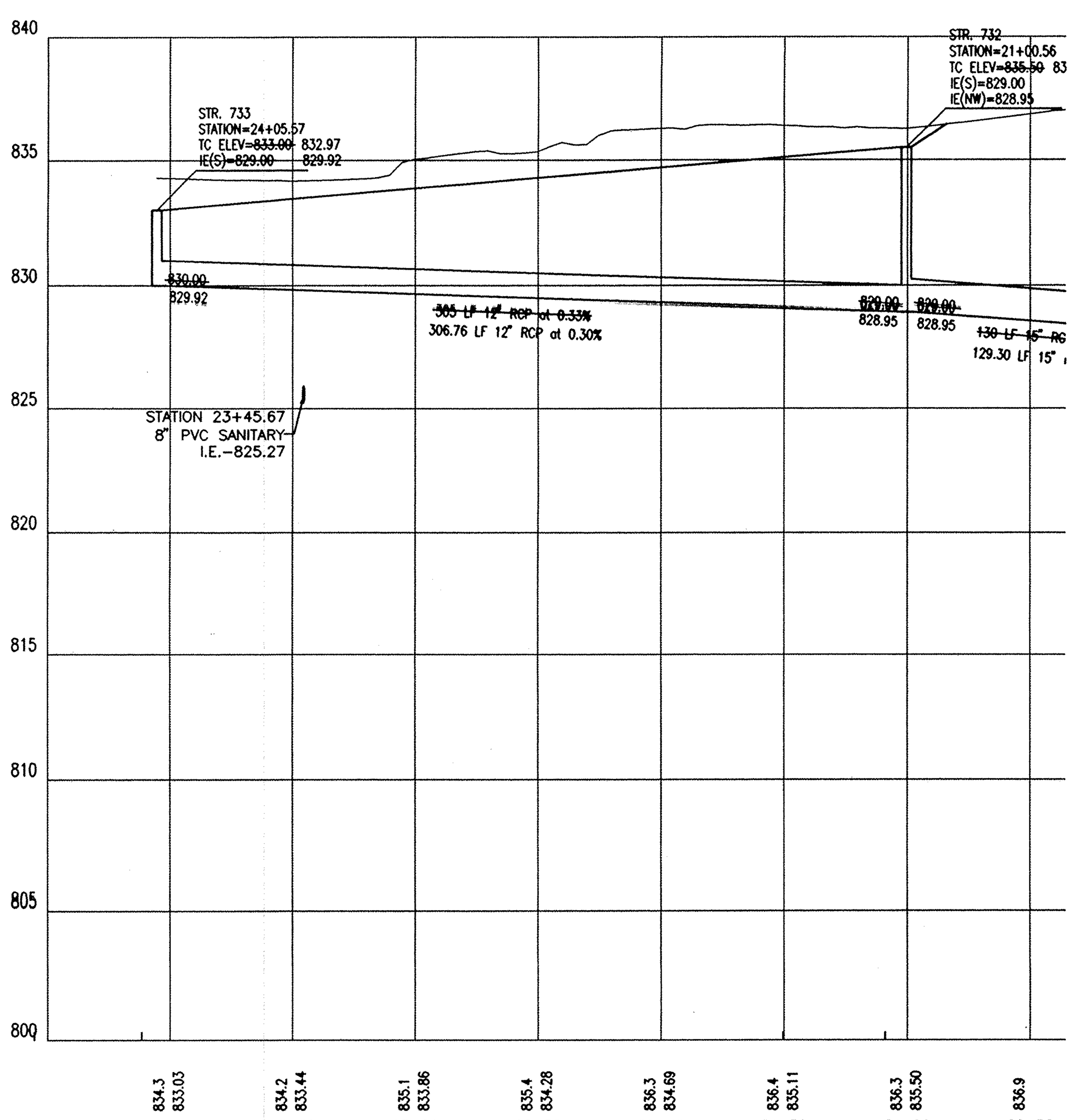

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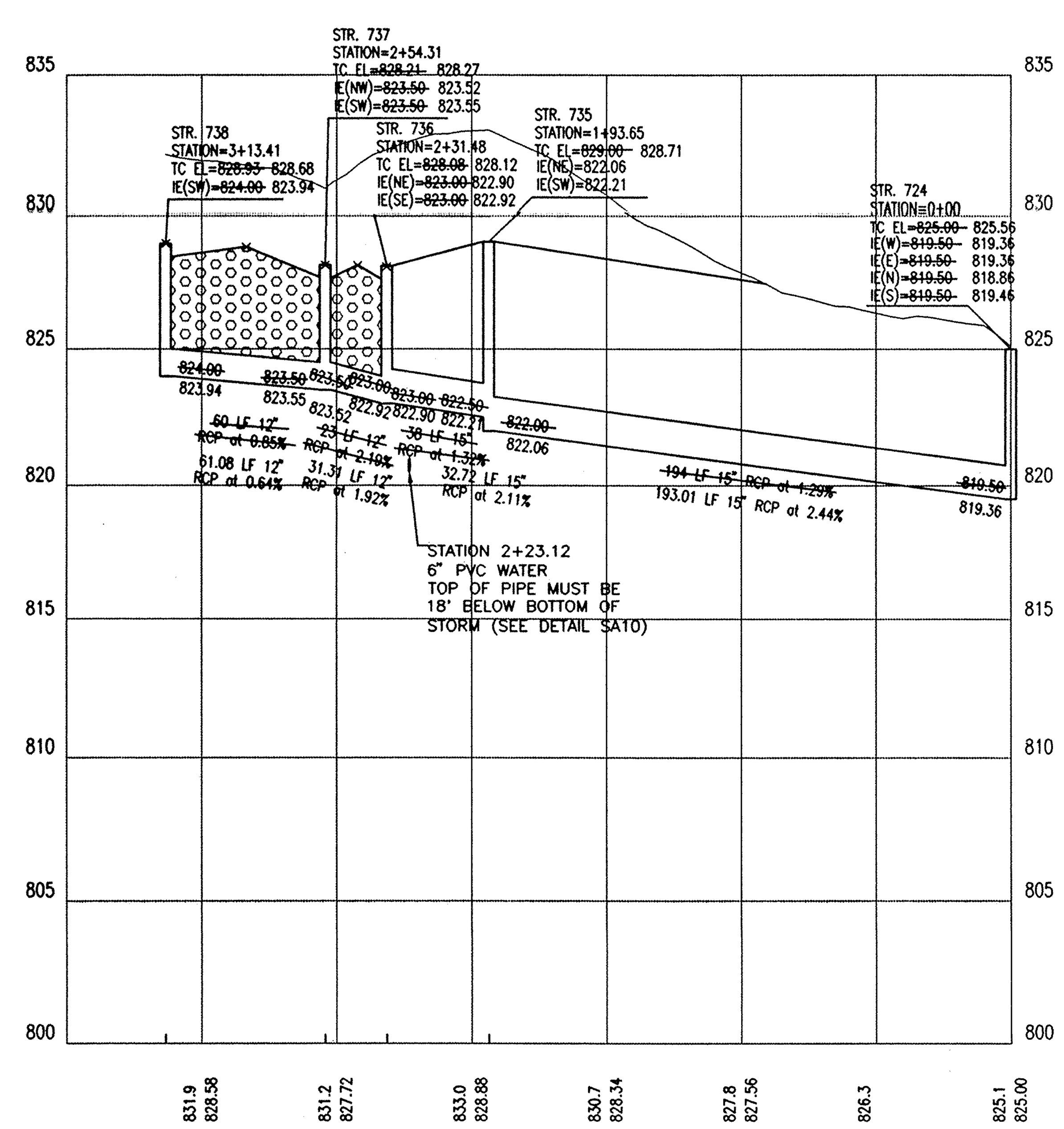

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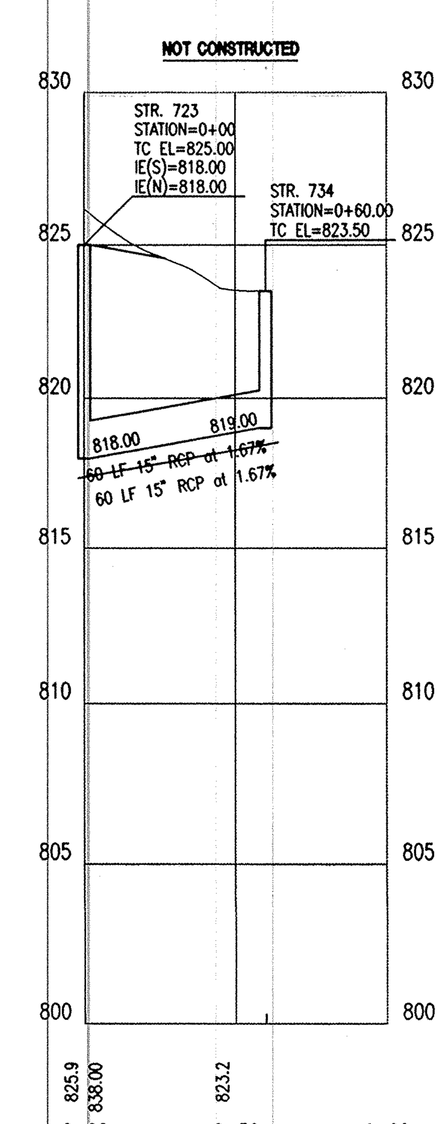

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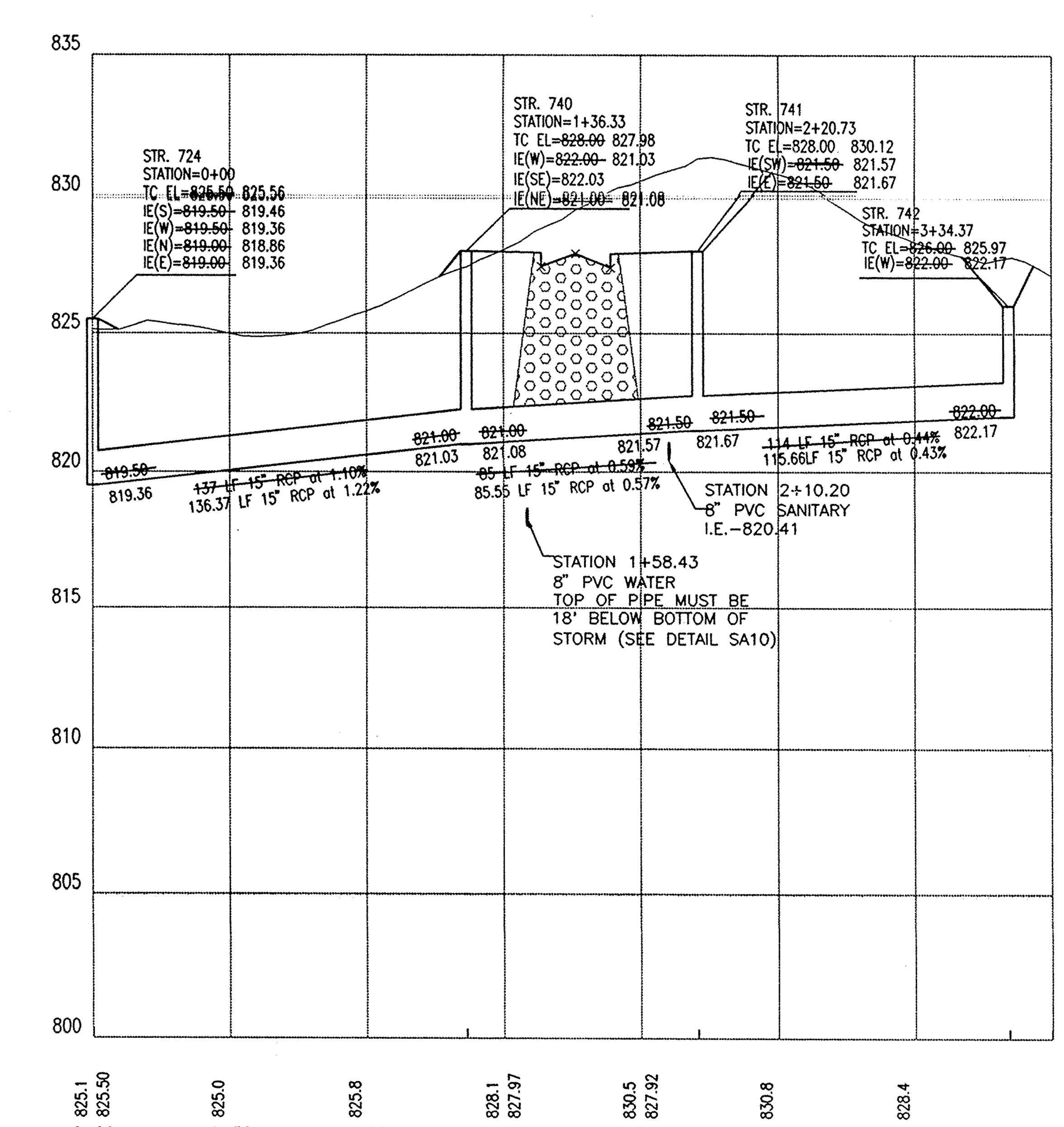

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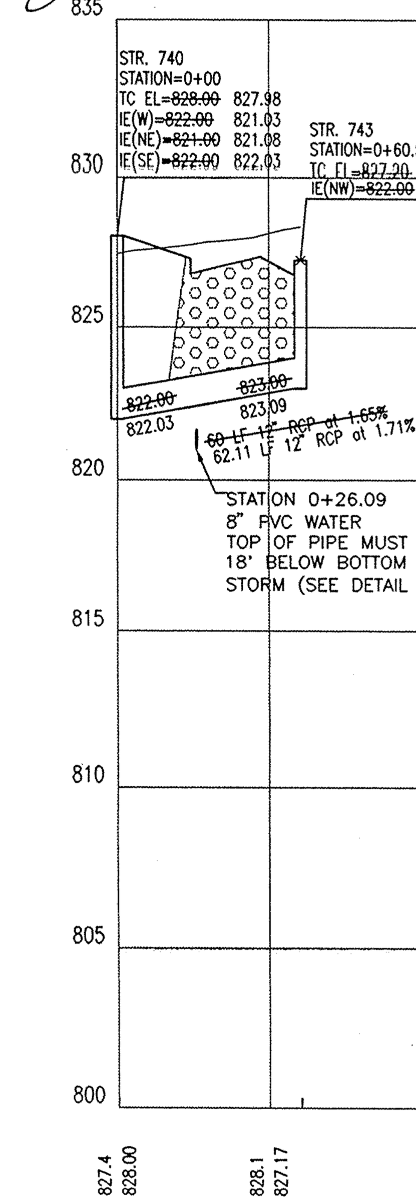

PROFILE ELEVEN

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STORM PLAN AND PROFILE
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INDIANAPOLIS, IN 46256
PHONE: 845-0270 FAX: 845-0766

CERTIFIED BY: Joseph A. Sharp

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Drawn By:
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Scale: Scale: 1" = 50'
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Date: 06-29-99
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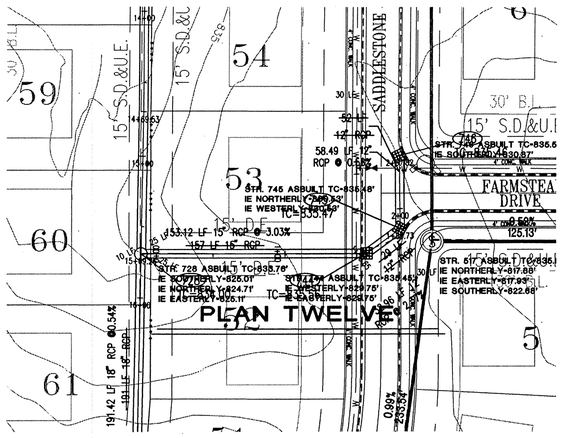

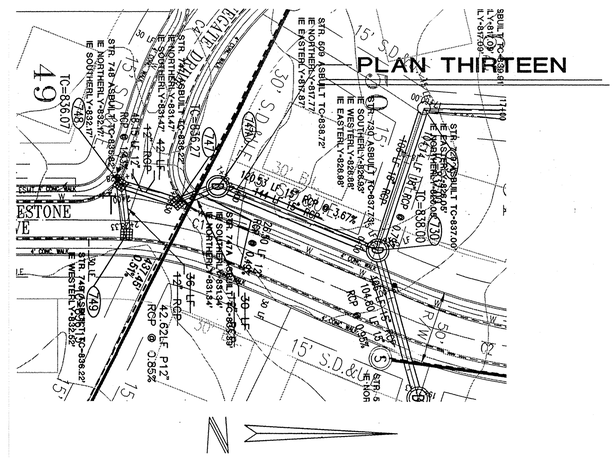

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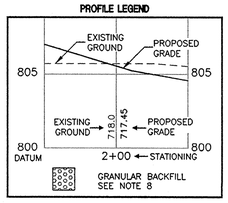

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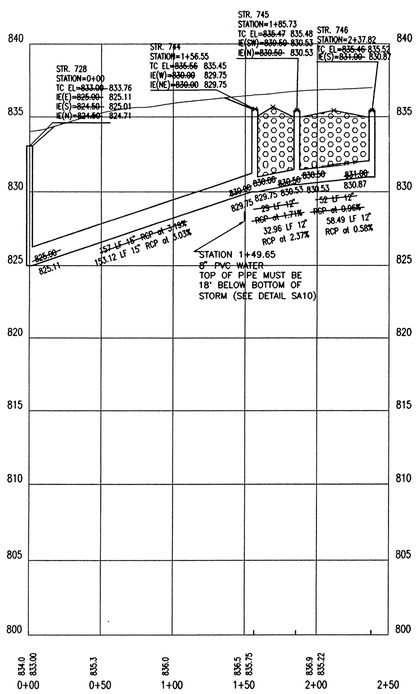

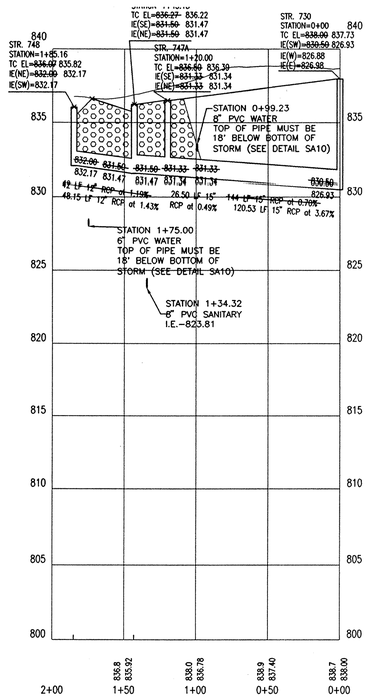

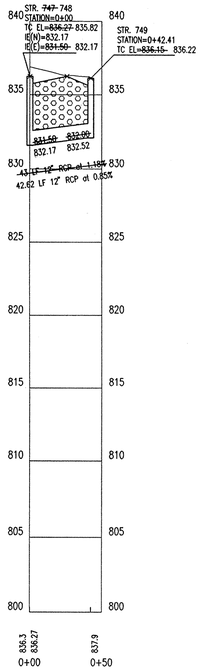

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Project Number 81100-20804

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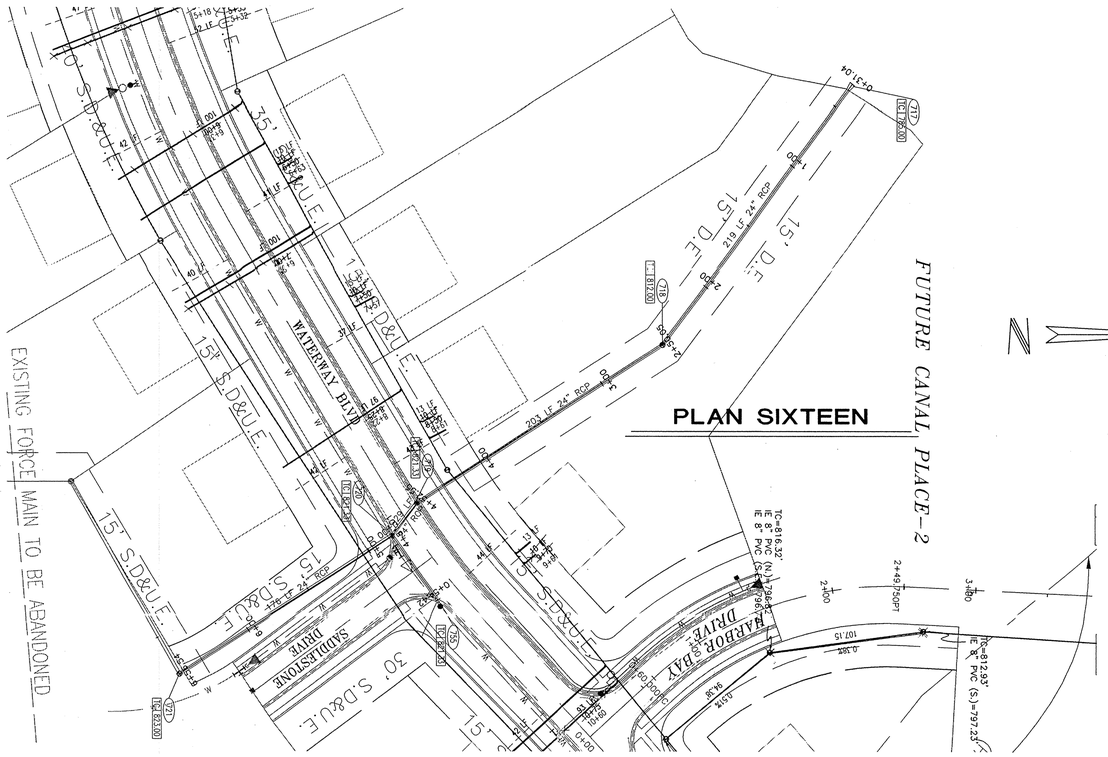
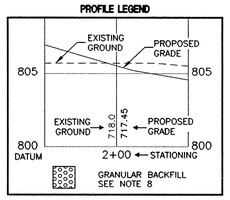


CAUTION

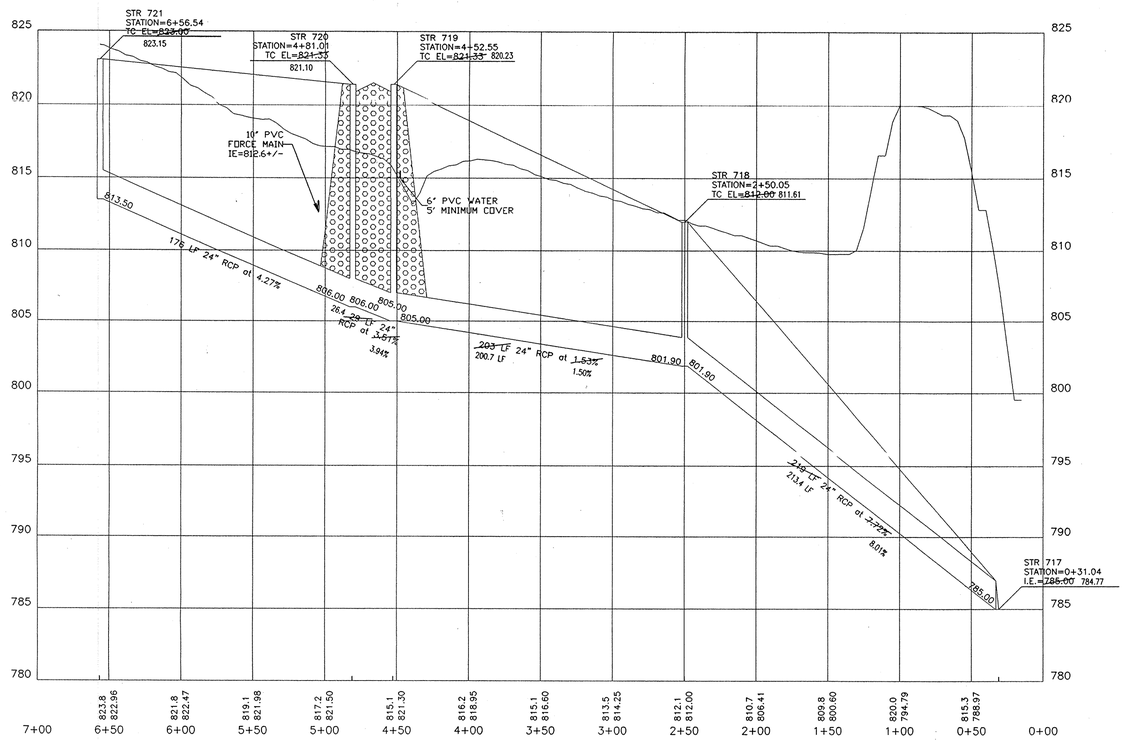
LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE 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.

PROFILE LEGEND



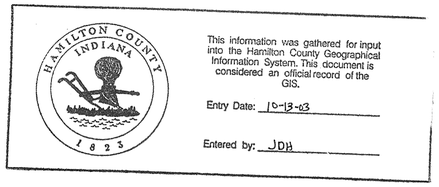
STORM SEWER PLAN AND PROFILE NOTES:

1. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
2. IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
3. ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS, STEPS AND PIPE CONNECTIONS WELL GROUTED, TROWELED SMOOTH AND BRUSH FINISHED.
4. ALL STRUCTURES (IE: MANHOLES, INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCHWALLS SHALL BE TROWELED SMOOTH AND BRUSH FINISHED.
5. FIELD ADJUSTMENTS OF TOP OF CASTING (T.C.) OF STRUCTURES MAY BE REQUIRED TO MEET FIELD CONDITIONS. ADJUSTMENTS EXCEEDING FIVE TENTHS (0.5) OF A FOOT MUST BE APPROVED BY THE ENGINEER TO DETERMINE THE INTEGRITY OF THE STRUCTURE. AT NO COST TO THE OWNER.
6. STORM STRUCTURES WITH INLET CASTINGS SHALL BE SET TO MAINTAIN A POSITIVE DRAINAGE FLOW INTO THE STRUCTURE.
7. STORM PIPE INVERTS AT OUTLET STRUCTURES (IE: END SECTIONS), AND PIPE LENGTHS MAY REQUIRE FIELD ADJUSTMENTS TO MEET ACTUAL FIELD CONDITIONS.
8. FULL DEPTH GRANULAR BACKFILL SHALL BE REQUIRED UNDER AND WITHIN (5) FEET OF ALL PAVED AREAS, INCLUDING CURBS, EDGE OF PAVEMENT, AND SIDEWALKS.
9. SEE SECTION 02720 FOR STORM SEWERAGE SPECIFICATIONS A) IN THE PROJECT MANUAL OR B) ON SHEET C902
10. PIPES LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE AND INCLUDE END SECTIONS.



PROFILE SIXTEEN

NOTE: FOR REFERENCE ONLY. NOT INCLUDED IN COSTRUCTION AS A BID ITEM FOR CANAL PLACE.



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Entry Date: 10-13-03

Entered by: JDH

RECORD DRAWING
Certified 5.25.00
Joseph A. Sharp

JOSEPH A. SHARP REGISTERED No. 15179 STATE OF INDIANA PROFESSIONAL ENGINEER

FILED
MAY 25 2000
OFFICE OF HAMILTON COUNTY SURVEYOR

Revisions			
Mark	Date	Description	
1	07-02-99	CHANGE PIPE GRADE	

PAUL I. CRIPE, INC.
ARCHITECTS
ENGINEERS
LANDSCAPE ARCHITECTS
ENVIRONMENTAL CONSULTANTS
TRANSPORTATION ENGINEERS
LAND PLANNERS
LAND SURVEYORS
7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
(317) 842-8777 FAX (317) 841-4798
E-Mail at picripe@picripe.com

OFFSITE STORM PLAN AND PROFILE
WEATHERSTONE
MARINA LIMITED PARTNERSHIP
11691 FALL CREEK RD.
INDIANAPOLIS, IN 46256
PHONE: 845-0270 FAX: 845-0766

CERTIFIED BY: Joseph A. Sharp

JOSEPH A. SHARP REGISTERED No. 15179 STATE OF INDIANA PROFESSIONAL ENGINEER

Drawn By:
Checked By:
Quality Assurance:
Scale: 0 Scale: 1" = 50'
Date: 05-21-99
Project Number: 81100-20804

C707

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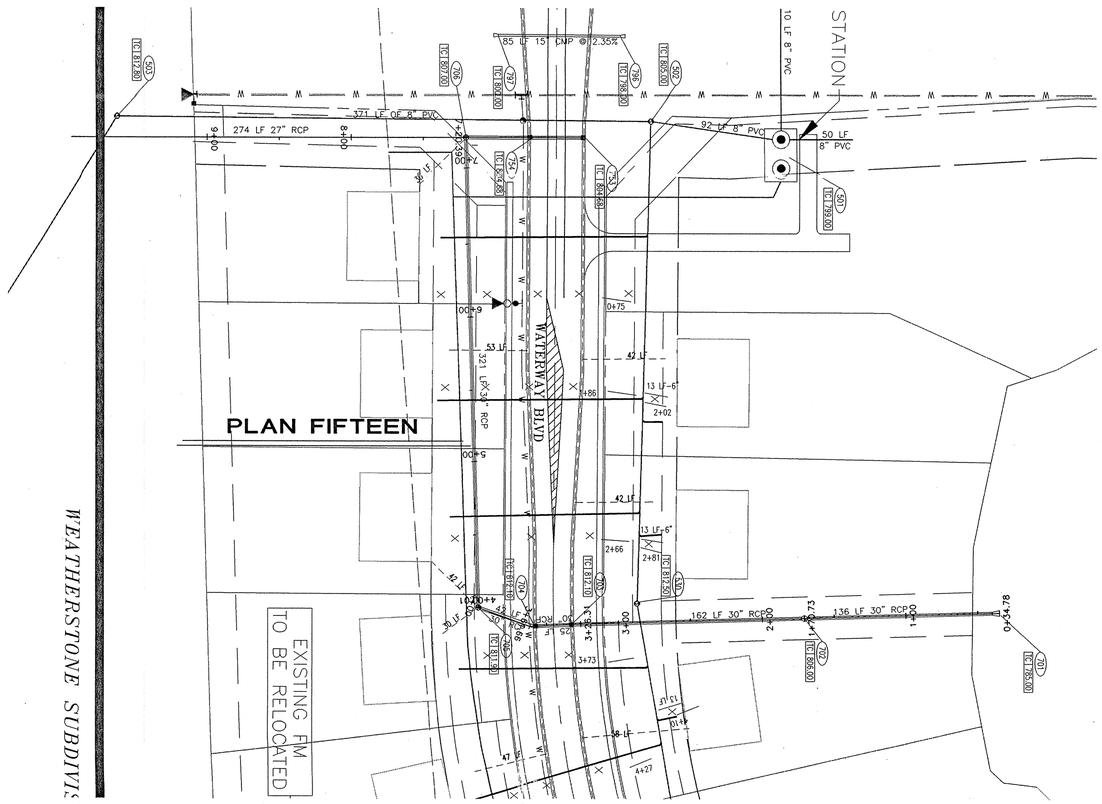

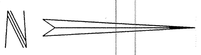

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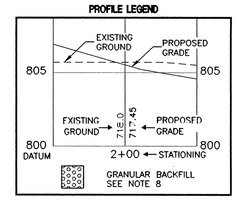

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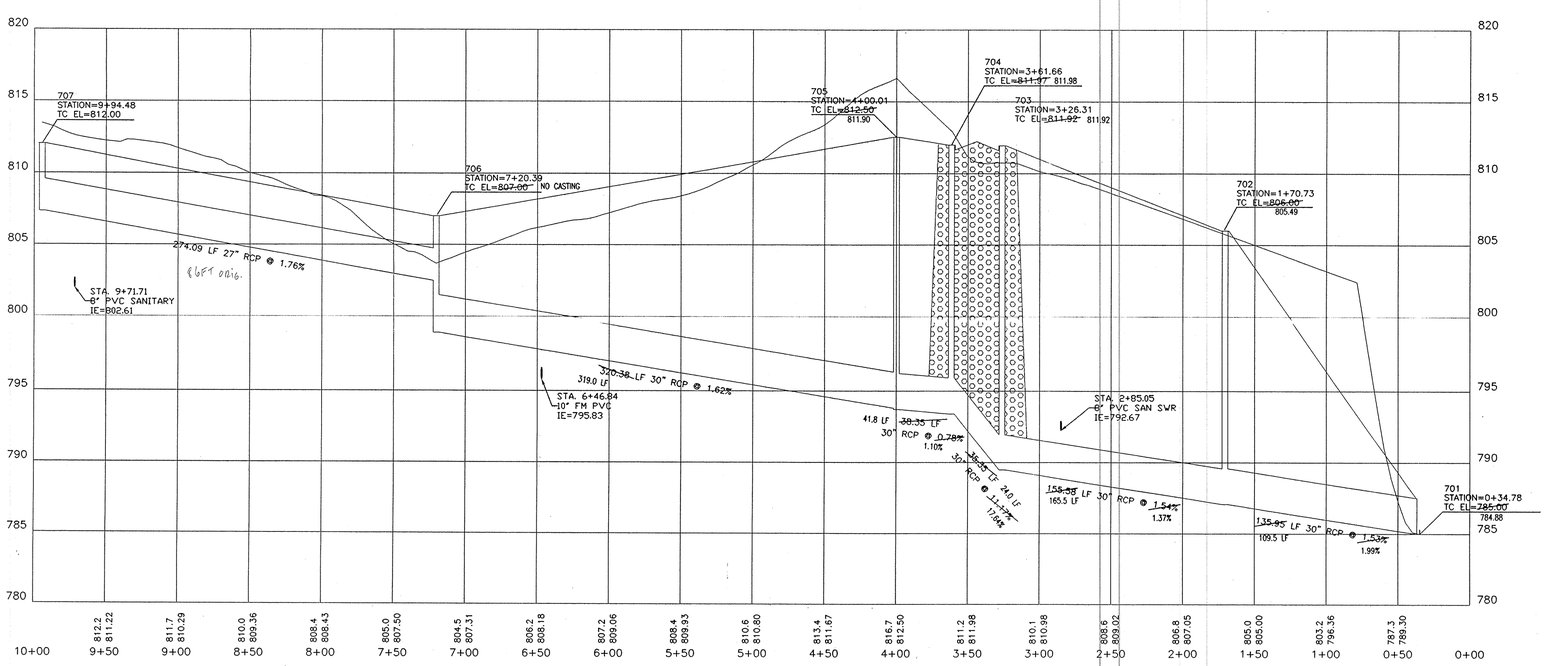

PROFILE FIFTEEN

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