



Kenton C. Ward, CFM Surveyor of Hamilton County Phone (317) 776-8495 Fax (317) 776-9628

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

October 17, 2007

TO: Hamilton County Drainage Board

RE: Hunter Creek South Drain, Village on the Monon Arm

Attached is a petition filed by The Anderson Corporation along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Village on the Monon Arm, Hunters Creek South Drain to be located in Clay Township. I have reviewed the submittals and petition and have found each to be in proper form.

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

6" SSD 2,096 ft. 12" RCP 324 ft. 24" RCP 340 ft. 10" PVC 10 ft. 15" RCP 540 ft.

The total length of the drain will be 3,310 feet.

The Aqua-Swirl AS-3 unit that is connected to Structure 11 will be part of the regulated drain and will be maintained as part of the drain.

The retention pond (lake) located in Common Area #1 is to be considered part of the regulated drain. Pond maintenance shall include the inlet, outlet, sediment removal and erosion control along the banks as part of the regulated drain. The maintenance of the pond (lake #1) such as mowing and aquatic vegetation control will be the responsibility of the Homeowners Association. The Board will also retain jurisdiction for ensuring the storage volume for which the pond (lake #1) was designed will be retained, thereby, allowing no fill or easement encroachments.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs. 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 \$3.00 per acre for common areas and platted lots, \$3.00 per acre for roadways, with a \$25.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$535.98.

The petitioner has submitted surety for the proposed drain at this time. The sureties which are in the form of a Letter of Credit are as follows:

Agent: Harris N.A.
Date: June 13, 2007
Number: HACH179020OS

For: Storm Sewers Amount: \$106,856.10

Parcels assessed for this drain may be assessed for the Cool Creek Drain at sometime in the future.

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. The request is for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Village on the Monon as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for November 26, 2007.

Kenton C. Ward, CFM Hamilton County Surveyor

KCW/pll

STATE OF INDIANA)	(Revised 06/08/04)
COUNTY OF HAMILTON)	
TO: HAMILTON COUNTY DRAINAGE BOARD % Hamilton County Surveyor One Hamilton County Square, Suite 188 Noblesville, IN. 46060-2230	
In the matter of Village on the Monon Drain Petition.	Subdivision, Section

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain. The drainage will affect various lots in <u>Village on the Monon</u>, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

Petitioner believes that the cost, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land likely to be benefited thereby. Petitioner believes the proposed improvements will:

- (a) improve public health
- (b) benefit a public street
- (c) be of public utility

Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

The Petitioner also agrees to the following:

- To provide the Drainage Board a Performance Bond or Non-Revocable Letter of Credit for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 120% of the Engineer's estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
- The Petitioner shall retain an Engineer throughout the construction phase.
 At completion of the project the Petitioner's Engineer shall certify that the drainage system which is to be maintained as a regulated drain has been constructed as per construction plans.
- 3. The Petitioner agrees to request in writing to the County Surveyor any changes from the approved plan and must receive written authorization from the County Surveyor prior to implementation of the change. All changes shall be documented and given to the Surveyor to be placed in the Drain file.
- 4. The Petitioner shall instruct his Engineer to provide a reproducible print on a 24" x 36" Mylar of the final design of the Drainage System. This shall be submitted to the County Surveyor prior to the release of the Performance Bond.
- The Petitioner shall comply with the Erosion Control Plan as specified on the construction plans. Failure to comply with the Erosion Control Plan shall be determined by the Board as being an obstruction to the drainage system. The County Surveyor shall immediately install or repair the needed measures at Petitioners cost as per IC 36-9-27-46.

Adobe PDF Filiable Form

The Petitioner further requests that the Drain be classified as an Urban Drain as per IC 36-9-27-69(d).

RECORDED OWNER(S) OF LAND INVOLVED Signed Printed Name Signed Printed Name Date Signed Signed Printed Name Date Date Date Date Date Date Date Date



November 7, 2006

Mr. Dick Hill City of Carmel Department of Engineering One Civic Square Carmel, IN 46032

Re: The Village on the Monon Subdivision

Dear Mr. Hill,

My estimate of the value of public improvements associated with the construction of The Village on the Monon Subdivision is \$347,945.45. This value includes street and Right-of-Way improvements along Rohrer Road. See below for additional detail.

Engineer's Estimate of Public Improvements - The Village on the Monon Subdivision

Item

Price

OFF THE VOIS

SEE ATTACHED SPREADSHEET

Please contact me if you need clarification or have questions.

Sincerely,

Colin R. Patterson, P.E.

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Breakdowns for Bond Amount Certifications

Strant-	Ctown and Dt. 1					
Streets	Stone and Binder	3289		15.88	\$	52,229.32
	Surface/lane markings	3289		7.13	\$	23,450.57
	Street signs	7		174.5	\$	1,221.50
	Roll curbs	1911	LF.	6.15	\$	11,752.65
	Rohrer Road		lota	l onsite Street	\$	88,654.04
		4445	0)/	4.00		
	Mill/overlay Widen	1145		4.62	\$	5,289.90
	Vviden Chairback cur	682	SY	15.88	\$	10,830.16
	Chairback cur	b 709	LF.	9.85	\$	6,983.65
		Tatal Cations		off site street		23,103.71
	<u></u>	Total Estima	iteo amoi	unt for streets	<u> </u>	111,757.75
Sanitary S	Sewers					
•	8" PVC Main	498	LF	41.77	\$	20,801.46
	6" PVC laterals	868	LF	20.75	\$	18,011.00
	Manholes	5	EA	3220.92	\$	16,104.60
				anitary Sewer		54,917.06
		rotal csti	mateu Oc	milaly Sewei	Ψ	54,917.00
Storm Sev	vers					
	24" RCP	334	LF	44.36	\$	14,816.24
	18" RCP	19	LF	35.65	\$	677.35
	15" RCP	449	ĹF	21.5	\$	9,653.50
	12" RCP	319	LF	19.75	\$	6,300.25
	Standard Inlets	3	EA	1040	\$	3,120.00
	Standard Manholes	15	EΑ	1875	\$	28,125.00
	Aquaswirl BMP	1	EA	10,000	\$	10,000.00
	Curb SSD	2605	LF	5.95	\$	15,499.75
	SSD Laterals	19	EA	44.98	\$	854.62
				torm Sewers	\$	89,046.71
			arod o	torni conord	<u> </u>	00,040.71
Water						
	8" DI Main	500	LF	31.5	\$	15,750.00
	6" PVC main	420	LF	26.5	\$	11,130.00
	6" Valves	2	EA	528.5	\$	1,057.00
	1" copper Laterals	635	LF	18.53	\$	11,766.55
	Standard Fittings	17	EA	90.45	\$	1,537.65
	Fire Hydrants	2	EA	2500	\$	5,000.00
		Total es		vater system	\$	46,241.20
						······································
Erosion Co						
	bulk seeding	45500	Sq. Ft.	0.01	\$	455.00
	ets large area	10000	Sq. Ft.	0.16	\$	1,600.00
Finished gra	1500	Sq. Ft.	0.18	\$	270.00	
Roadside S	45000	Sq. Ft.	0.071	\$	3,195.00	
Silt Fence E		1200	Èa.	1.25	\$	1,500.00
Dandy inlet		9	Ea.	236.3	\$	2,126.70
	ound Base Frame	2	Ea.	459.27	\$	918.54
Silt Saver h	igh flow filter	2	Ea.	185.22	\$	370.44
		Total estin	nated ero	sion control	\$	10,435.68

Common Sidewalks

Common Sidewalks 3720 sq. ft. 2.9 \$ 10,788.00 Interior sidewalks 7375 sq. ft. 2.9 \$ 21,387.50 Total sidewalks \$ 32,175.50

Monuments and markers

\$ 1,250.00

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD IN THE MATTER OF

Hunters Creek South Drain, Village on the Monon Arm

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To Whom It May Concern and:	

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the Hunters Creek South Drain, Village on the Monon Arm on November 26, 2007 at 9:10 A.M. in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana, and which construction and maintenance reports of the Surveyor and the Schedule of Assessments made by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD IN THE MATTER OF THE

Hunters Creek South Drain, Village on the Monon Arm

NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **November 26**, 2007 has issued an order adopting the Schedule of Assessments, filed the same and made public announcement thereof at the hearing and ordered publication. If judicial review of the findings and order of the Board is not requested pursuant to Article Eight of this code within twenty (20) days from the date of this publication, the order shall be conclusive.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

Hunters Creek South Drain, Village on the Monon Arm

On this **26th** *day of November*, *2007*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Hunters Creek South Drain*, *Village on the Monon Arm*.

Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

HAMILTON COUNTY DRAINAGE BOARD

President

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Member

CERTIFICATE OF COMPLETION AND COMPLIANCE

•						
To: Hamilton County Surveyor						
Re: VILLAGE ON THE MONON						
I hereby certify that:						
1. I am a Registered Land Surveyor or Engineer 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.						
4. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been installed and completed in conformity with all plans and specifications.						
5. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been correctly represented on the Record Drawings, Digital Record Drawings and the Structure Data Spreadsheet.						
Signature: IC RATE Date: 1/19/09						
Type or Print Name: COLIN R PATTERSON						
Business Address: DeBoy Land Dovelopment Services SOI Sum 9th STREET SUITE 100 NOBLESVILLE IN 46060						
Telephone Number: 317 - 770 - 1801						
SEAL INDIANA REGISTRATION NUMBER						
10403915						
\$ 6 No. 16 18 1						





Kenton C. Ward, CFM Surveyor of Hamilton County Phone (317) 776-8495 Fax (317) 776-9628

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

To: Hamilton County Drainage Board

February 8, 2010

Re: Hunters Creek South: Village on the Monon

Attached are as-builts, certificate of completion & compliance, and other information for Village on the Monon. 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 October 17, 2007. The report was approved by the Board at the hearing held November 26, 2007. (See Drainage Board Minutes Book 10, Pages 509-511) The changes are as follows:

Structure:	Length:	Size	Material:	Up Invert:	Dn_Invert	Grade:	Changes:
3-Apr	12	12	RCP	849	848.97	0.23	2
3-EX1	137	12	RCP	848.97	848.76	0.15	-6
7-6	32	12	RCP	849.58	849.33	0.76	
6-5	133	15	RCP	849.39	849.02	0.28	-5
21-20	29	12	RCP	850.1	849.84	0.9	
20-13	20	15	RCP	849.77	849.61	0.8	1
13-12	82	24	RCP	849.6	849.41	0.02	-3
12-11	98	24	RCP	849.38	849.22	0.02	1
11-10	102	24	RCP	849.01	849.07	-0.06	-2
10-9	55	24	RCP	849.07	849.03	0.07	1
19-18	29	12	RCP	850.22	850.05	0.45	
18-17	14	15	RCP	850.14	850.1	0.27	
17-13	171	15	RCP	849.63	850.16	0.27	
16-15	28	12	RCP	850.27	850.66	-1.39	
15-14	11	12	RCP	850.36	850.62	-2.36	
14-13	194	12	RCP	850.07	849.5	0.29	-4
22-20	42	12	RCP	850.08	849.84	0.56	
AS3-11	10	10	PVC	849.32	849.08	2.4	

RCP	Pipe T	otals:
	12	514
	15	338

SSD Total	s:
Streets	2143

Other To	tals:
PVC	10

24	337				
Total:	1189	Total:	2143	Total:	10

The length of the drain due to the changes described above is now 3342 feet.

The non-enforcement was approved by the Board at its meeting on November 26, 2007 and recorded under instrument #2007066454.

The following sureties were guaranteed by Harris N.A. and released by the Board on its May 26, 2009 meeting.

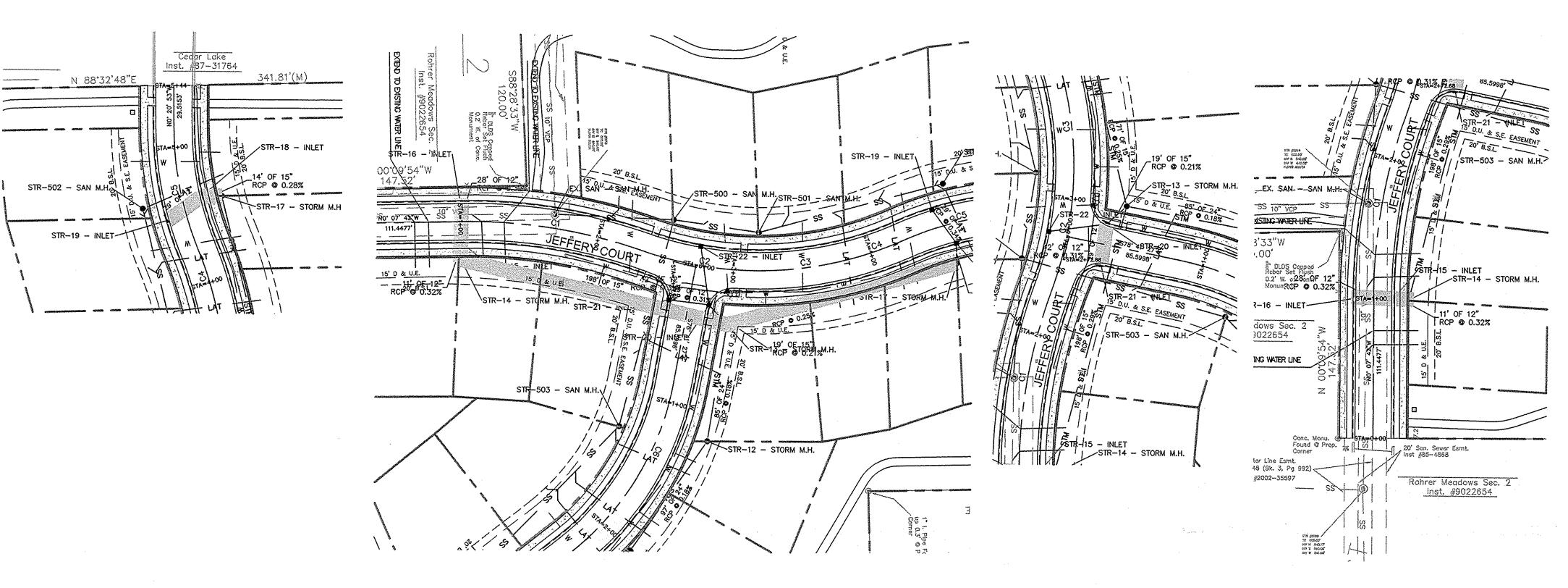
Bond-LC No: HACH179020OS Insured For: Storm Sewers Amount: \$106,856.10 Issue Date: June 13, 2007

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

Sincerely,

Kenton C. Ward, CFM Hamilton County Surveyor

KCW/slm



STORM PLAN

865.0 865.0

850.0- | -850.0

29' OF 12" RCP © 0.31%

XX OF 12* RCP @ XX%

840.0

835.0

0+00 0+29

845.0

855.0-摄

845.0

840.0

FULL DEPTH GRANULAR ---BACKFILL

-850.0

-840.0

STORM PLAN

855.0

845.0

840.0

0+00

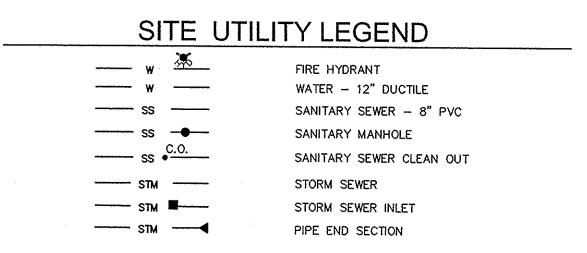
FOR PROSED GRADE

_11' OF 12" RCP @ 0.32%

-850.0

28 OF 12" RCP @ 0.32%

XX*0F12** RCP@XX%



NOTE:

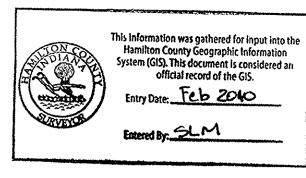
WHERE REFERENCED, GRANULAR BACKFILL SHALL CONFORM TO THE CITY OF CARMEL BACKFILL MATERIAL AND PLACEMENT REQUIREMENTS, BACKFILL POLICY.

STORM PIPE DATA TABLE

UP STREAM	DN STREAM	PIPE	PIPE	UP STREAM	DN STREAM	PIPE	PIPE	PIPE
STR No.	STR No.	TYPE	SLOPE	INVERT	INVERT	SIZE	LENGTH	CLASS
Statement of the Statem	-		+0.15%	848.97	848.76			
STR-3	EX. STR-1	RCP	+0.27%	8 48.68	848.30	12"	137.9 143'	III
er in der sterreichte der der sterreichte der der der der der der der der der de	· and the second particular to provide the second community and	wilder/www.companys	+0.23%	848.97	849.00			oderania, alla di se
STR-4	STR-3	RCP	+0.60%	8 48.6 8	848.74	12"	12.9 -10-	111
	-	·		NAMES OF THE PARTY				
STR-5A	STR-5	-RCP	+0.32%	848.87	848.74	15 "	41'	
al antiquism property and the second property and the second second	STR-5		+0.28%	849.39	849.02			***************************************
STR-6	STR-5A	RCP	+0.24%	849,20	848 .9 7	15"	133.6 97-	111
O memokishikanya sarakan panganga papa mga	- C-forder-minimum formation in the control of the	-makes to replace an accessor	+0.76%	849,58	849.33			Marie India (India) (I
STR-7	STR-6	RCP	+0.47%	849.45	849:30	12"	32.9 -32	[]]
			+0.07%	849.07	849.03	Autobalous announce in Taxa	7-77	***************************************
STR-10	STR-9	RCP	+0:18%	848.90	848.80	24"	55.9 -54	111
Wanter Charles and a second contract of a party and	***************************************	***	-0.06%	849.01	849.13	dermander (TT., e.).		
STR-11	STR-10	RCP	+0:17%	849:08	848.90	24"	102.2 104 1	111
4) a re-responsable services a proper particular construction of the construction of t			+0.02%	849.38	849.22		- COT	
STR-12_	STR-11	RCP	+0.18%	849.25	849.08	24"	98.3 -97'	III
		-	+0.02%	849.60	849.41	and the second second		.,
STR-13	STR-12	RCP	+0,18%	849.40	849.25	241	82.0 85'	111
			+0.28%	848,94	848.94	and and an interior	and the second second second second second	
STR-14	STR-13	RCP	+0:29%	850.07	849.50	15"	194.9 198 1	111
			+0.27%	849.63	850.16		are more and a second of the s	
STR-17	STR-13	RCP	+0.25%	849.83	849.40	15*	171.5 -171 1	111
Material materials in manager page for our major property and			-2.36%	850.36	850.62	Anados de Maria de Casa de Cas	Agramações successor succionado de cultura Serva de Cara	
STR-15	STR-14	RCP	+0.32%	850.2 1	850.17	12"	11	111
			+0.27%	850.14	850.10	Arratayaanaya V.T. Pillayy	errormoterno terro commune Constitución especial que	
STR-18	STR-17	RCP	10.28 %	8 49.8 7	849.83	15"	14.7 14	III
Market and the American community of the property of the state of the			-1.39%	850.27	850.66	······································		·
STR-16	STR-15	RCP	+0.32%	850.40	850.31	12"	28'	111
**************************************			+0.45%	850.22	850.05	in the second		
STR-19	STR-18	RCP [+0.34%	849.97	849.87	12"	28.8 -29'	111
(And Same of the Control of Same of Same of the Control of Same of Sa			+0.80%	849.77	849.61	7	on the state of th	
STR-20	STR-13	RCP	+0.21%	849.54	849.50	15"	20.1 +94	III
			+0.90%	850.10	849.84		**************************************	
STR-21	STR-20	RCP	+0.31%	849.73	849.64	12"	29'	
	- Maddatilla		+0.56%	850.08	849.84			
STR-22	STR-20	RCP	+0.31%	849.77	849.64	12"	42.3 -42'	111

STORM STRUCTURE TABLE

STURMSTRUCT	JRE TABLE
EX. STR-1 - STORM M.H.	STR-14 - STORM M.H.
T.C. = 853.64	T.C. = 857.15 857.23
INV IN ELEV N = 848.30- 846.54	INV IN ELEV W = 850.17 850.36
	INV OUT ELEV N = 850.07 850.41
STR-3 - OUTLET ADDED	CASTING: R-1772
T.C. = 850.35 0.24' ON	STRUCTURE TYPE "H"
GUTTER = -0.33 06/18/07	And the state of t
INV IN ELEV NW = 848.68 848 02	
INV OUT ELEV S = 848.68 848.92	STR-15 - INLET
SEE DETENTION POND OUTLET	T.C. = 855.04 855.15
STRUCTURE DETAIL ON C10.1	GUTTER = -0.33 854.82
	INV IN ELEV W = 850-31 850 66
STR-4 - END SECTION	INV OUT ELEV E = 850.21 850.62
INV OUT ELEV SE = 848.74 849.00	CASTING: R-3501
Marian Maria Cara Cara Cara Cara Cara Cara Cara	STRUCTURE TYPE "L"
STR-5 - END SECTION	
INV IN ELEV S = 848.74 849.02	STR-16 - INLET
	T.C. = 855:61 855.30
SIR-5A - INLET	GUTTER = -0.33 854.97
T.C. = 853.33 STRUCTURE	INV OUT ELEV E = 850.40 850.27
GUTTER = -0.33 OMITTED INV IN ELEX S = 848.97	CASTING: R-3501
INV IN ELEX S = 848.97	STRUCTURE TYPE "L"
INV OUT ELEX N = 848.87	
CASTING: R-4342	STR-17 - STORM M.H.
STRUCTURE TYPE """	T.C. = 8 54.3 5 854.00
	INV IN ELEV W = 849.83 850.10
STR-6 - INLET	INV OUT ELEV S = 849.83 850.10
T.C. = 854.67 854.86	CASTING: R-1772
GUTTER = -0.33 854.54 INV IN ELEV S = 849.30 849.33	STRUCTURE TYPE "H"
INV IN ELEV 5 = 849.30 849.33	
INV OUT ELEV N = 849.20 849.39	STR-18 - INLET
SUMP ELEV = 847.20	T.C. = 8 52.80 852.88
CASTING: R-3501	GUTTER = -0:33 852.54
STRUCTURE TYPE "L"	INV IN ELEV SW = 849-87 850 09
	INV OUT ELEV E = 849.87 850.14
STR-7 - INLET	CASTING: R-3501
T.C. = 854.67 854.60	STRUCTURE TYPE "L"
GUTTER = -0.33- 854.23	
INV OUT ELEV N = 849.45 849.58	STR-19 - INLET
CASTING: R-3501	T.C. = 8 52.83 852.93
STRUCTURE TYPE "L"	GUTTER = -0.33 852.54
STR-9 - END SECTION	INV OUT ELEV NE = 849.97 850.22
INV IN ELEV W = 848.80 849.03	CASTING: R-3501
1144 114 CLEV 11 = 040.00 849.03	STRUCTURE TYPE "L"
STR-10 - STORM M.H.	
T.C. = 858.75 858.95	STR-20 - INLET
INV IN ELEV SW = 848.90 849.13	T.C. = 855.04 854.98
INV OUT ELEV E = 848.90 849.07	GUTTER = -0.33 854.60
CASTING: R-1772	INV IN ELEV S = 849.64 849.84 INV IN ELEV W = 849.64 849.88
STRUCTURE TYPE "H"	INV OUT ELEV NE = 849.54 849.88
	CACTNO. D. 7EOS
STR-11 - BMP	STRUCTURE TYPE "E"
T.C. = 859.55 859.83	AND THE TELEFORM OF THE PROPERTY OF THE PROPER
INV IN ELEV = 849.08 849.22	STR-21 - INLET
INV OUT ELEV = 849.08 849.01	T.C. = 8 55.03 855.01
SEE BMP DETAIL	GUTTER = -0.33 854.64
	INV OUT ELEV N = 849.73 850.10
STR-12 - STORM M.H.	CASTING: R-3501
T.C. = 856.82 858.11	STRUCTURE TYPE "L"
INV IN ELEV W = 849.25 849.41	YENVOLVING LIFE L
INV OUT ELEV SE = 849:25 849.38	STR-22 - INLET
CASTING: R-1772	T.C. = 8 55.2 9 855.13
STRUCTURE TYPE "H"	GUTTER = -0.33 854.33
	INV OUT ELEV E = 849.77 850.08
STR-13 - STORM M.H.	CASTING: R-3501
T.C. = 854:84 855.76	STRUCTURE TYPE "L"
INV IN ELEV S = 849.50 849.76	SHOOTONE TIFE E
INV IN ELEV N = 849.40 849.63	
INV IN ELEV SW = 849.50 849.61	
INV OUT ELEV E = 849.40 849.60	
CASTING: R-1772	
STRUCTURE TYPE "H"	
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THE ANDERSON CORPORATION MR. JIM ANDERSON 301 SOUTH UNION STREET WESTFIELD, INDIANA 46074 PHONE: 317-867-2880 FAX: 317-867-2888

DRAN

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2005-0006

C4.4

GE.

STORM - PLAN AND PROFILE

SCALE VERTICAL: 1" = 5'

2+'00

STORM PLAN

PROPOSED GRADE

EX. CRADE

-CONCRETE SADDLE -

198 OF 15" RCP 6 0.29%

194,9 OF 12* RCP @ 0.33%

1+'00

- LOWER EXISTING 12" WATERLINE

849.5 849.5

EX. GRADE

171' OF 15" RCP • 0.25%

171.5' OF 12" RCP @ 0.27%

3+'00

SCALE: 1'' = 50'

SCALE HORIZONTAL: 1" = 50'

23

860.0 სი ჯ.

850.0-

845.0

840.0

0+'00

STORM PLAN

FULL DEPTH GRANULAR BACKFILL

850.0-

845.0

840.0

28.8' OF 12' RCP @ 0 45%

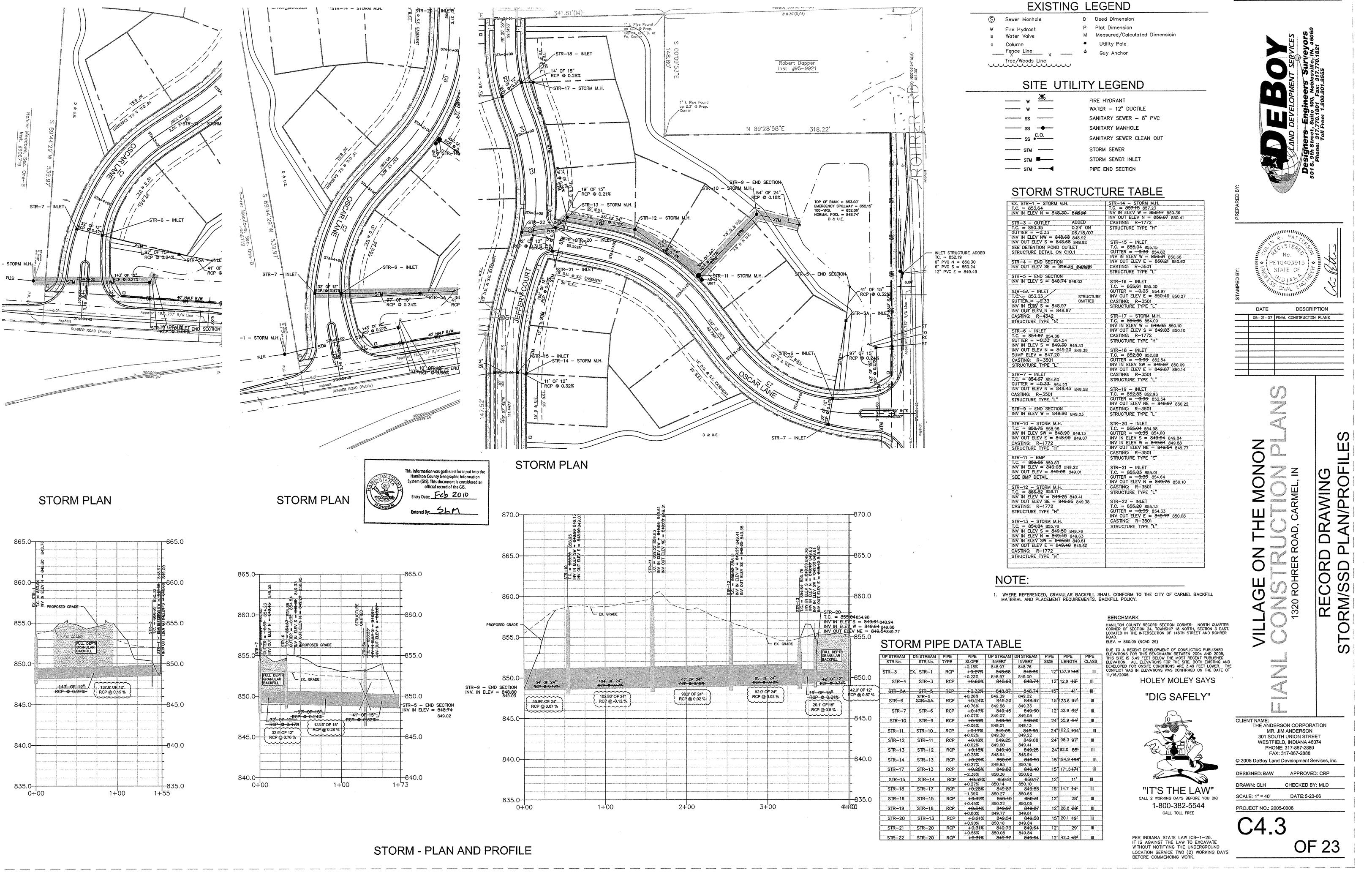
0+'00

29' OF 12" RCP @ 0.34%

14' OF 15" RPP @ 0.28%

845.0

14.7' OF 12* RCP @ 0.27%



PROJECT: F:\2005\2005\-0006 — The Anderson Corporation — Rohrer Road Subd\SURVEY\AS-BUILTS DWG: C4.3 STORM — PLAN AND PROFILE.dwg PLOTTED BY: CLAUDE L. HATFIELD DATE: Monday:-December 03, 2007 4:13:24 PM