

SURVEYOR'S OFFICE

Hamilton County

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

August 9, 2013

To: Hamilton County Drainage Board

Re: Sarah Dientz Drain, Rulon Arm
 (Charles Caylor Drain)

Attached is a petition, plans and schedule of assessments for the Rulon Arm of the Sarah Dientz Drain. This arm is located in White River Township.

The petition for this arm was filed on November 29, 2012 by Rulon Land Partnership I to provide for adequate capacity for the tile portion of the Sarah Dientz Drain north of 266th Street.

The drain will begin at a point 30 feet east of Station 32+93 of the Sara Dientz Drain per the 1883 drain description which is the headwall installed during dredging work in 1939. The drain will run thence north under 266th Street 60 feet to a new junction box. The new junction box will be connected to the existing catch basin at Station 32+33 of the Dientz Drain. This catch basin was also part of the 1939 project. This connection will be done with 30 feet of 12" tile. This will provide relief to the overloaded Dientz Drain.

The preliminary opinion of probably cost (cost estimate) for this arm is as follows:

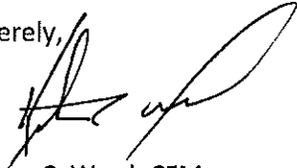
3X3 Concrete Box w/steps	1 Each	\$4,000.00
60 Feet – 24" Bore w/steel pipe	\$65.00/ft.	\$9,900.00
30 Feet – 12" double wall smooth bore HDPE tile	\$95.00/ft.	\$2,850.00
Solid Lid Casting	1 Each	\$ 450.00
12'x6'x9" Reno Mattress	1 Each	\$2,500.00
3 Ton Rip Rap	\$57.00/ton	\$ 171.00
Seeding	Lump Sum	\$ 500.00
	Subtotal	\$20,371.00
	15% Contingency	\$ 3,056.00
	Total	\$23,427.00

The cost of the new pipe under 266th Street will be paid by the County Highway as per IC 36-9-27-71. The cost to be charged to the County Highway will be \$11,385.00. The remaining cost, \$12,042.00, is to be spread out to the upstream landowners who will benefit from this work. The assessment for this work shall be \$73.33 per acre with a minimum assessment of \$100.00.

All work shall be accomplished in existing regulated drain easement. Therefore, additional easement will not be required.

I recommend the Board set this item for hearing for September 23, 2013.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kenton C. Ward', written over a horizontal line.

Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/llm

Charles Caylor Drain, Sarah Dientz Arm

Rulon Arm Petition

*No change in current maintenance assessment to Charles Caylor.

Hearing: 09/23/13

County pays \$9,900*15%=\$11,385.00

Shed of 164.23 acres pays \$10,471*15%=\$1,570.65

Total Reconstruction is \$23,428.06

Reconstruction Per Ac Minimum
 County Lump Sum n/a \$ 11,385.00
 Sarah Dientz Shed: \$ 73.33 \$ 100.00

Parcel	Owner	Desc	Rate	Ben Lump Sum	Asmt	Total % of		
99-99-99-99-999.001	Hamilton County Highway Dept.	60'-24" bore (9,900*15%)	Special		\$11,385.00	48.60%		
99-99-99-99-999.001	Hamilton County Highway Dept.	266th&Rulon, S16&17 T20 R5	Road	8.88	\$651.18	2.78%		
07-03-17-00-00-010.000	Henderson, Michael K	S17 T20 R5 38.91Ac	Residential/Ag	6.50	\$476.66	2.03%		
07-03-17-00-00-009.000	Knapp, Frederick A & Martha E	S17 T20 R5 2.00Ac	Residential/Ag	2.00	\$146.66	0.63%		
07-03-17-00-00-006.301	Mangas, Joseph E & Sally A	S17 T20 R5 7.19Ac	Residential/Ag	5.34	\$391.58	1.67%		
07-03-16-00-00-014.000	Rulon Land Partnership I	S16 T20 R5 120.00Ac	Residential/Ag	72.66	\$5,328.16	22.74%		
07-03-16-00-00-015.000	Rulon Land Partnership I	S16 T20 R5 20.00Ac	Residential/Ag	9.69	\$710.58	3.03%		
07-03-17-00-00-007.201	Rulon, Gavin L & Tamara A	S17 T20 R5 10.02Ac	Residential/Ag	3.75	\$275.00	1.17%		
07-03-17-00-00-006.001	Rulon, Kathleen A	S17 T20 R5 59.77Ac	Residential/Ag	4.52	\$331.46	1.41%		
07-03-17-00-00-007.001	Rulon, Kathleen A	S17 T20 R5 56.11Ac	Residential/Ag	35.11	\$2,574.62	10.99%		
07-03-17-00-00-008.001	Rulon, Kathleen A	S17 T20 R5 62.51Ac	Residential/Ag	10.28	\$753.84	3.22%		
07-03-17-00-00-006.002	Rulon, Kathleen A Trustee	S17 T20 R5 7.00Ac	Residential/Ag	5.50	\$403.32	1.72%		
Parcels: 11						164.23	\$23,428.06	100.00%

Proposed Sarah Dientz Drain-Rulon Arm Shed Roads

Shed	Entity	Rd_Name	Type	Area_Ac	X3
SARAH DIENTZ DR-RULON ARM SHED	HAMCO HWY	E 266TH ST	MAJOR RD	0.28	0.84
SARAH DIENTZ DR-RULON ARM SHED	HAMCO HWY	RULON RD	MAJOR RD	2.68	8.04
Total				2.96	8.88

317-776-9628

Mr. Kent Ward

1 of 2

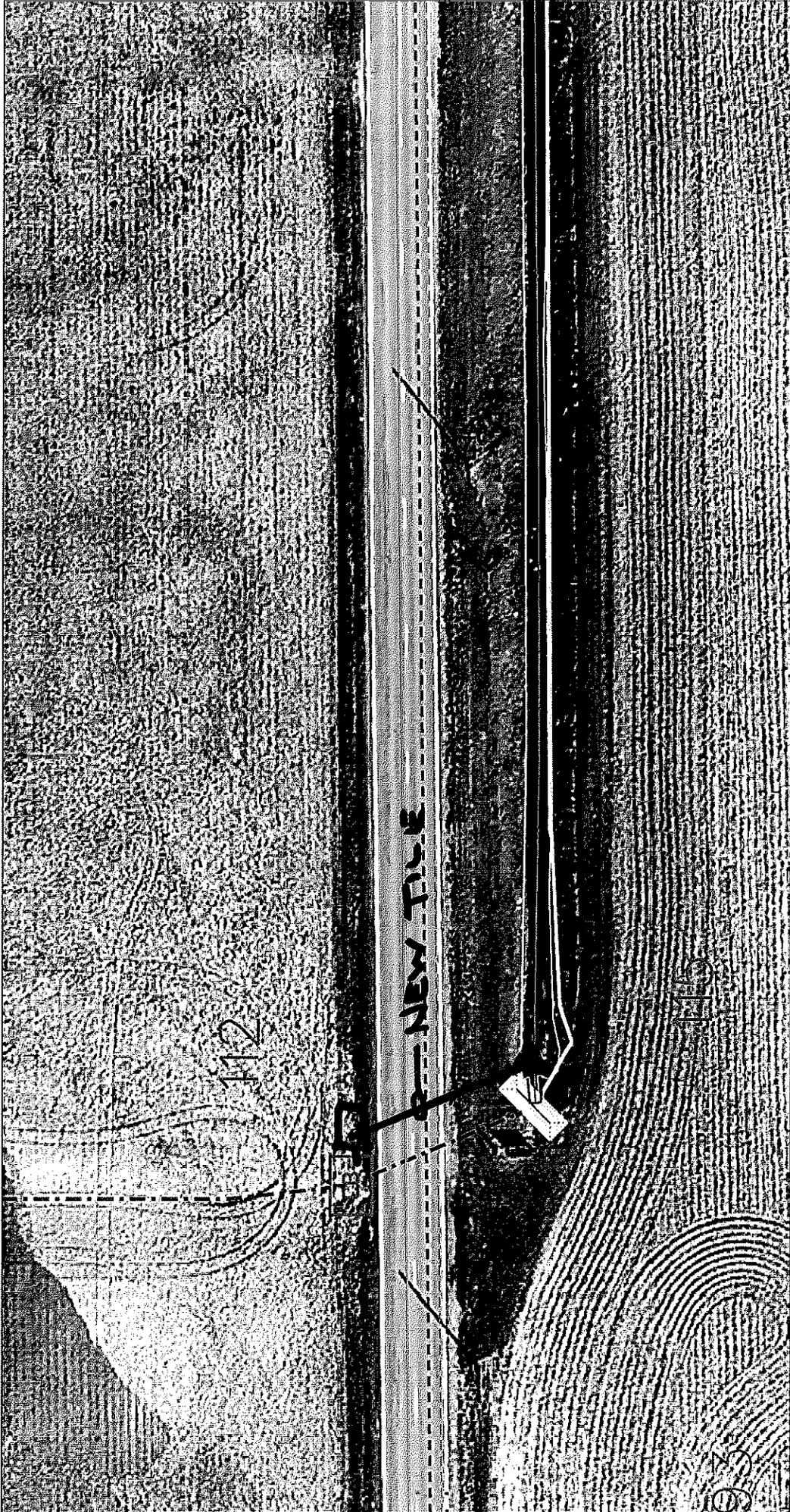
Petition

Thanks,

Jay Rubin

Exhibit "A"

Rulon Land Partnership I	07-03-16-00-00-014.000	27176 Rulon Road, Arcadia, IN 46030
Hamilton County Highway Dept	266th Street	1700 S 10th Street, Noblesville, IN 46060



SURVEY ORDERS

Project name: CHARLES Caylor / Sarah Dientz Arm # 204

Ordered By: KENT WARD Date: 11-13-2012

Address: _____

Legal Description: _____

Date Due: _____

Scope of Work: Topographic Boundary/Easements Construction Layout

(Attach Sketch of Scope of Work)

Survey tile INVERTS North & South of 266th
" " TC of Str on North side 266th
" " CROSS SECTION of ROAD & ditch near OUTLET
" " FLOWLINE for 200' downstream of OUTLET

SURVEY requested for proposed 36" tile & NEW str
UNDER 266th



HAMILTON COUNTY SURVEYOR'S OFFICE

KENTON C. WARD, COUNTY SURVEYOR
HAMILTON COUNTY DRAINAGE BOARD

CHRISTINE ALTMAN, PRESIDENT
MARK HEIRBRANDT, VICE PRESIDENT
STEVEN C. DILLINGER, MEMBER

CHARLES CAYLOR DRAIN - SARAH DIENTZ ARM #204

UTILITY CONTACTS

COMCAST

5330 E. 65TH ST
INDIANAPOLIS, IN 46220
CONTACT: BILL MOORE
(317) 275-6355

HAMILTON CO. HIGHWAY DEPT.

1700 S. 10TH STREET
NOBLESVILLE, IN 46060
CONTACT: BRAD DAVIS
(317) 773-7770

FRONTIER COMMUNICATION

20905 HAGUE RD
NOBLESVILLE, IN 46062

AT&T

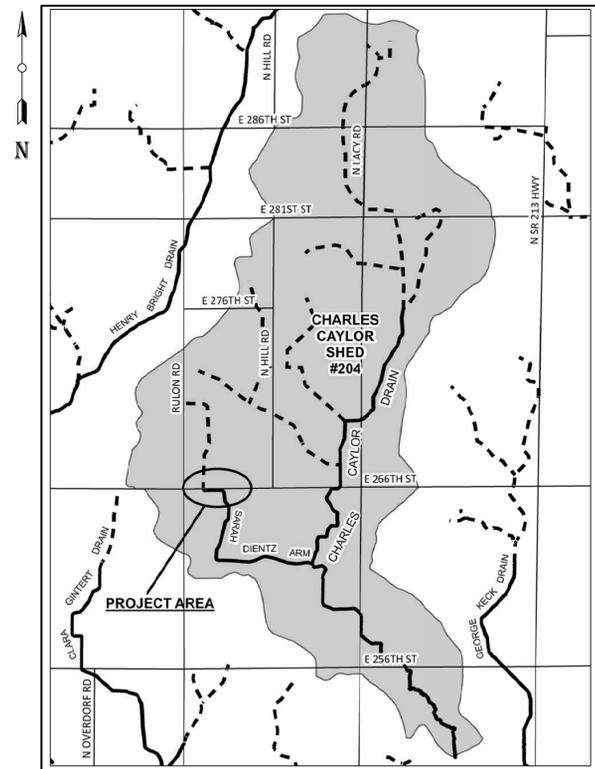
5858 N. COLLEGE AVE.
INDIANAPOLIS, IN 46220
(317) 252-4275

VECTREN

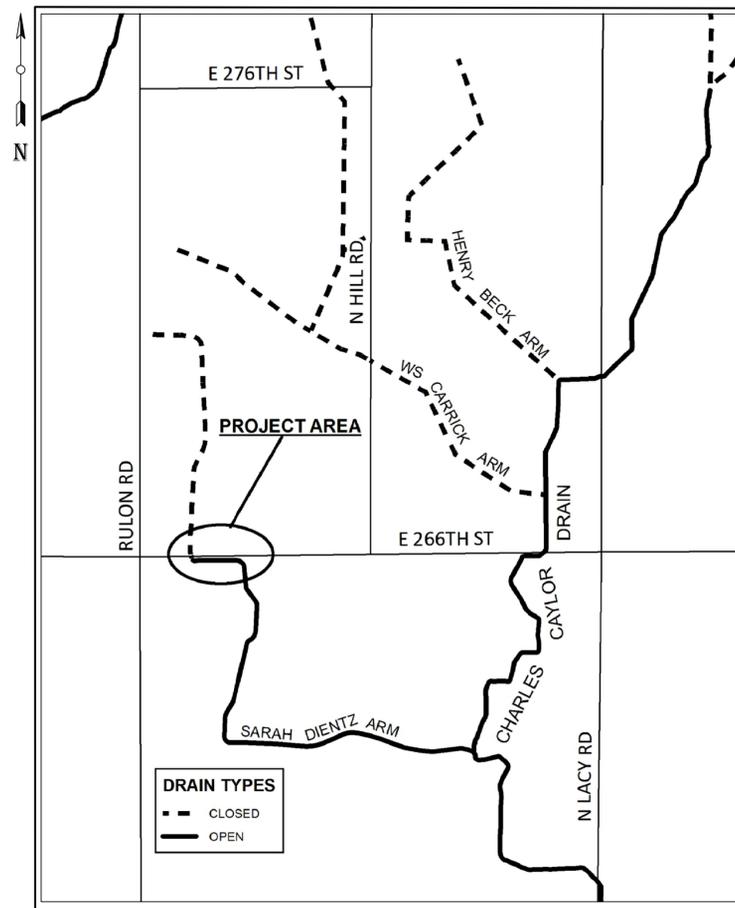
16000 ALLISONVILLE RD
NOBLESVILLE, IN 46060
(317) 776-5336

DUKE ENERGY

100 S. MILL CREEK ROAD
NOBLESVILLE, IN 46062
(317) 776-5336



SITE LOCATION MAP
NOT TO SCALE



DRAIN TYPES
- - - CLOSED
— OPEN

INDEX	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	PLAN AND PROFILE SHEET

JOB BENCHMARK

CAYLOR-DIENTZ ARM, TBM DESCRIPTION: A BENCH TIE SET 1.0' ABOVE GROUND IN THE WEST SIDE OF PWP # 073-662, LOCATED 8'10" EAST OF THE CENTER LINE ON RULON ROAD AND 22' SOUTH OF THE CENTER LINE ON 266TH STREET. ELEVATION= 848.33'



(877) 230-0495

HAMILTON COUNTY, INDIANA
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HAMILTON COUNTY GOVERNMENT AND JUDICIAL CENTER
ONE HAMILTON COUNTY SQUARE, SUITE 188
NOBLESVILLE, IN 46060
PHONE: (317) 776-8495
FAX: (317) 776-9628
SURVEYOR@HAMILTONCOUNTY.IN.GOV



PROJECT NO:	WATERSHED NO:	FIELD BY: JKM	DATE: 08/22/2013
BY: RJS	DATE:	DRAWN BY: KCW	
REVISIONS:	REVISIONS:	CHECKED BY: DMW	

CERTIFIED BY:	
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PROJECT NAME:	CHARLES CAYLOR DRAIN - SARAH DIENTZ ARM #204
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TITLE SHEET	
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SHEET NO.	1 OF 2
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DATE:	AUG 22, 2013 - 3:59PM
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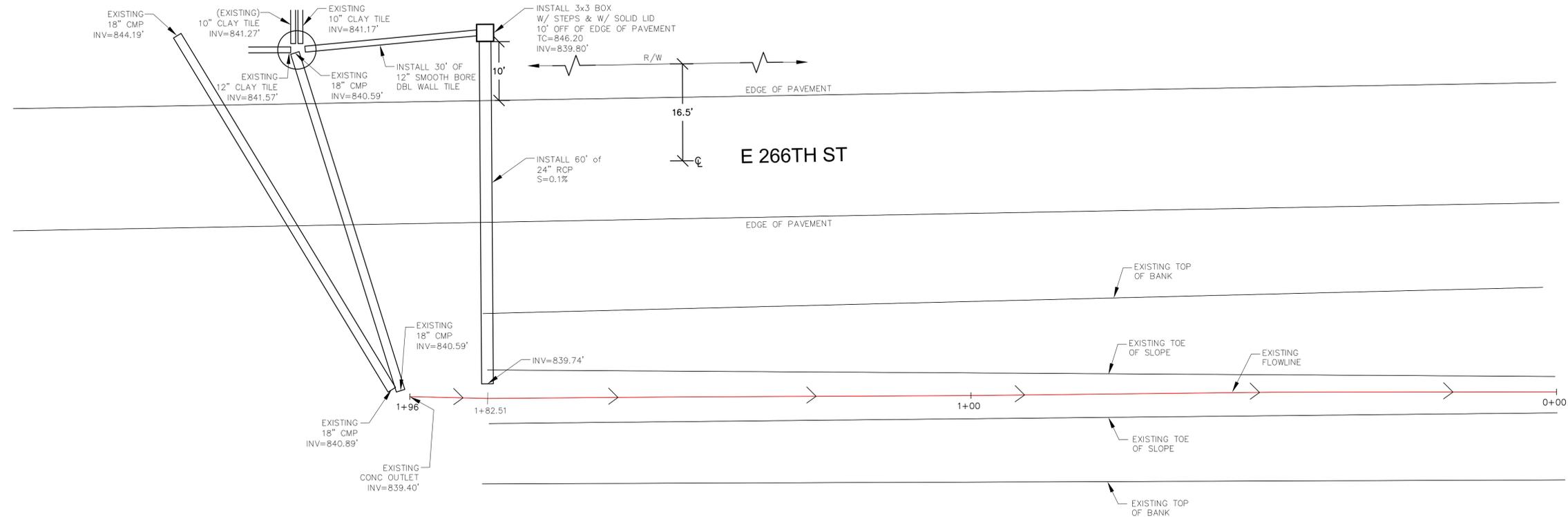
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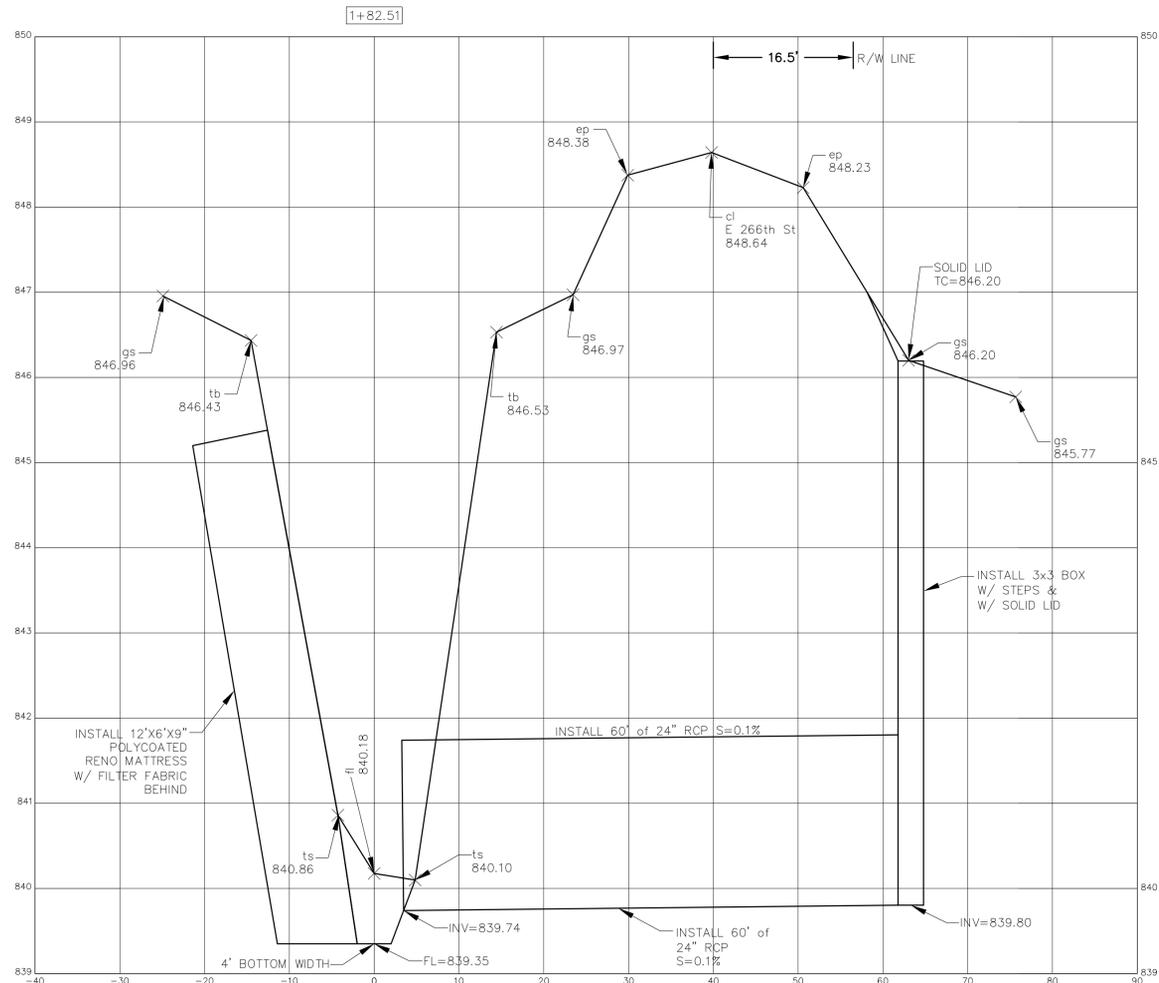
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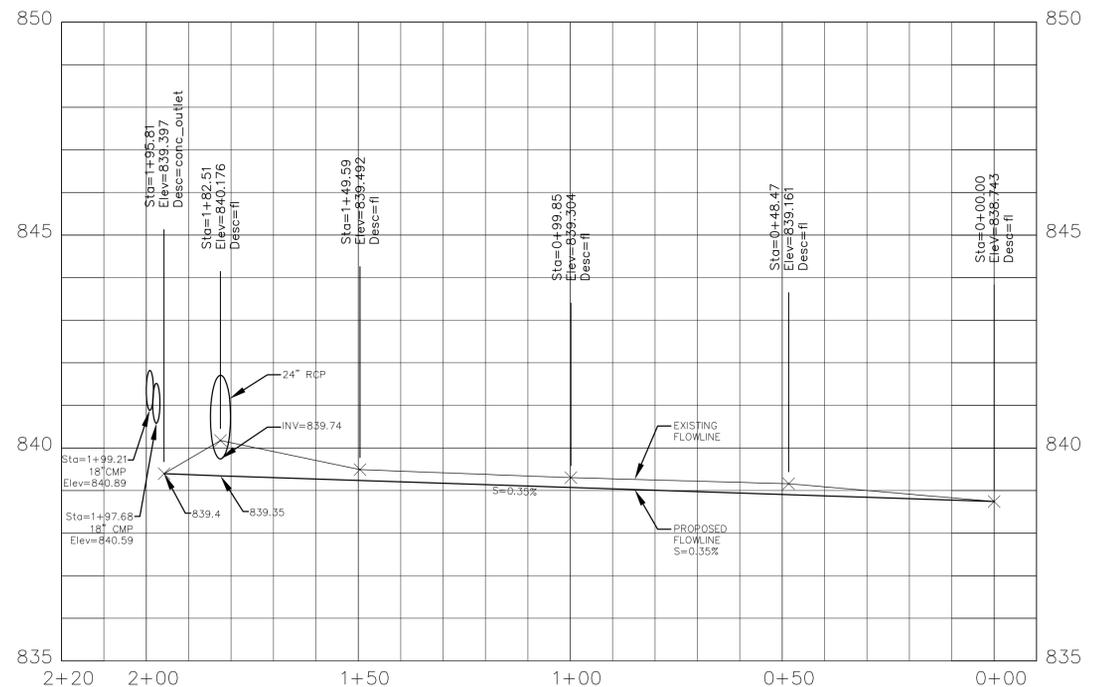


PLAN VIEW
SCALE: 1"=10'

CROSS SECTION
HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=1'



PROFILE VIEW
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=2'



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SURVEYOR@HAMILTONCOUNTY.IN.GOV



PROJECT NO:	WATERSHED NO:	FIELD BY:	DMW
DATE:	DATE:	CHECKED BY:	KCW
BY:	DMW	DATE:	08/22/2013

REVISIONS:	REVISIONS:
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CERTIFIED BY:

CHRISTIE L. KALLIO, P.E.

PROJECT NAME:
**CHARLES CAYLOR DRAIN - SARAH
DIENTZ ARM #204**

PLAN & PROFILE SHEET

PLOT DATE: AUG 22, 2013 - 3:57PM