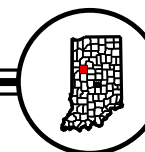
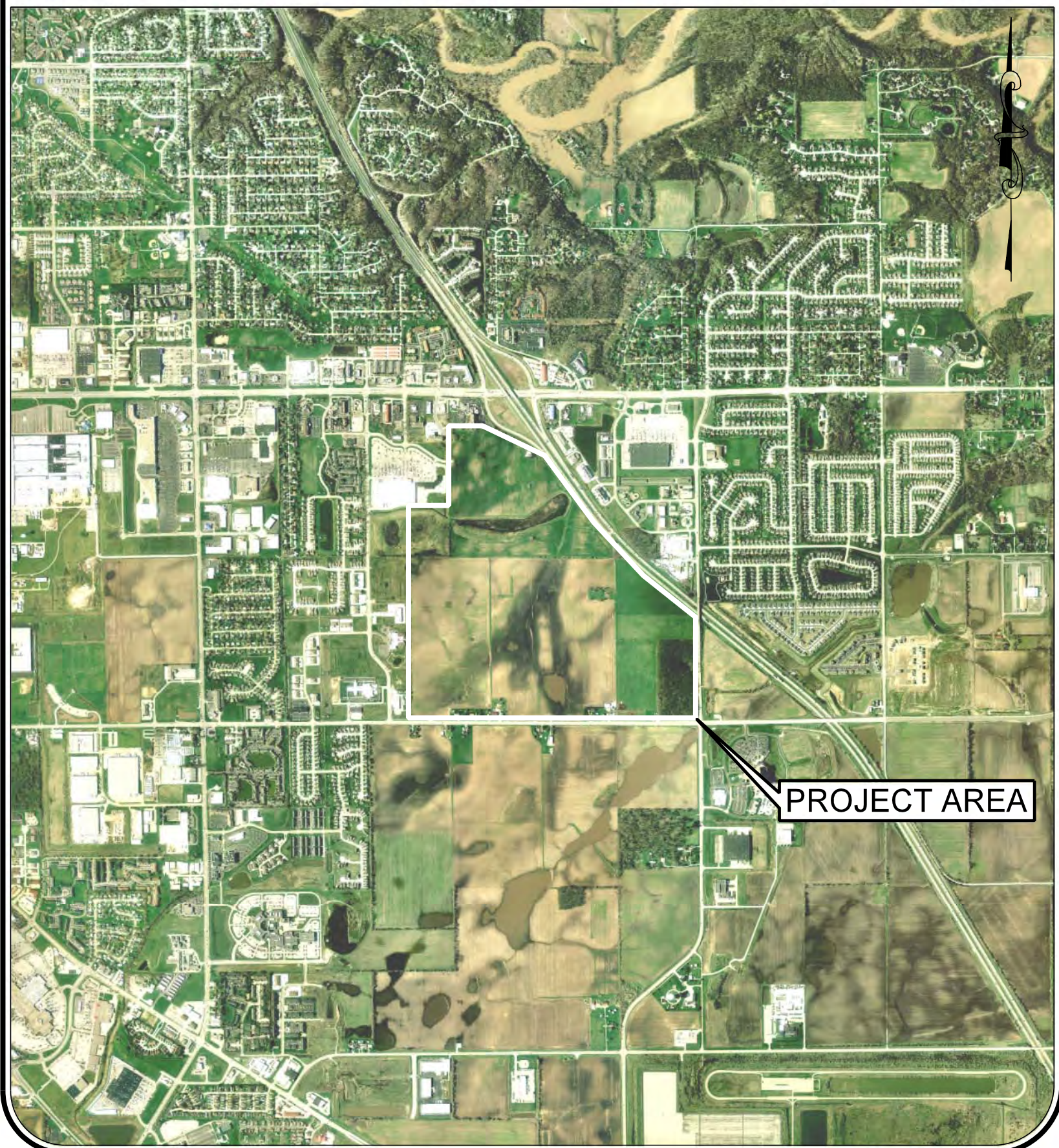


A. ROSS REGIONAL DETENTION MASTER PLAN CONCEPTUAL SITE DESIGN



TIPPECANOE COUNTY, INDIANA

VICINITY MAP



LOCATION MAP



SHEET INDEX

SHEET No.	DRAWING No.	TITLE
1	TS1	TITLE SHEET
2-8	EC0-EC6	EXISTING CONDITIONS
9-15	PR0-PR6	PROPOSED PLAN
16	MD1	TYPICAL SECTIONS
17	MD2	TYPICAL SECTIONS
18	MD3	MISCELLANEOUS DETAILS

PREPARED FOR:
TIPPECANOE COUNTY SURVEYOR
Zachariah Beasley, P.S., M.S.
20 North Third Street
Lafayette, Indiana 47901
(765) 423-9228

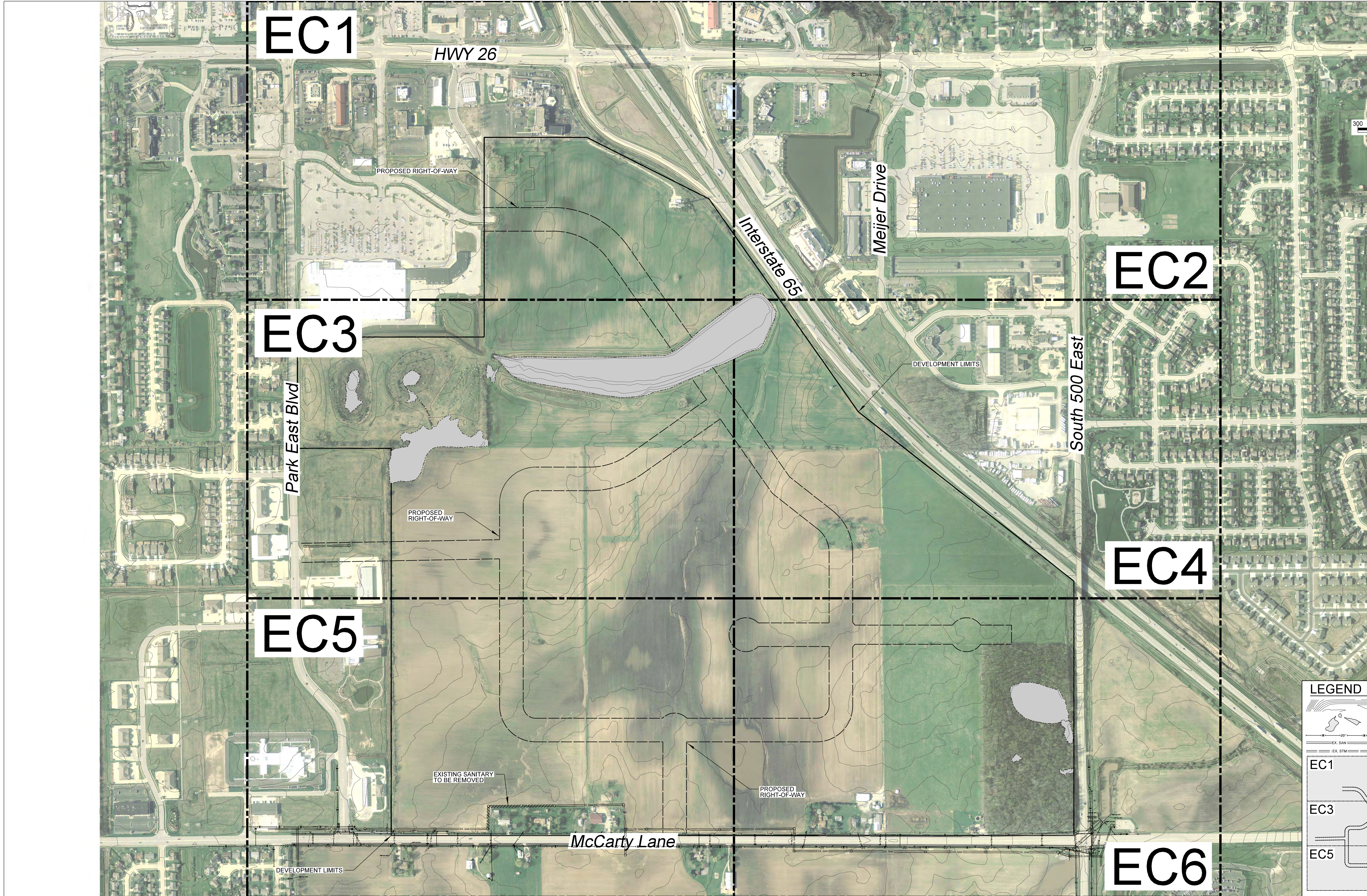
PREPARED FOR:
 CITY OF LAFAYETTE
20 NORTH 6th STREET
LAFAYETTE, IN 47901
(765) 807-1000

PREPARED BY:
CHRISTOPHER B. BURKE ENGINEERING, LLC.
PNC Center, Suite 1368 South
115 West Washington Street
Indianapolis, Indiana 46204
Phone: (317) 266-8000 FAX: (317) 632-3306

NOT FOR CONSTRUCTION



A. ROSS REGIONAL
DETENTION MASTER PLAN
CONCEPTUAL SITE DESIGN
TIPPECANOE COUNTY, INDIANA



LEGEND

EXISTING CONTOURS

EXISTING WETLANDS

EXISTING WATERMAIN

EXISTING SANITARY SEWER

EXISTING STORM SEWER

EC1

EC2

EC3

EC4

EC5

EC6

NOTE:
AERIAL PROVIDED BY THE TIPPECANOE COUNTY'S
SURVEYOR'S OFFICE. DATED: 2010

CB

B

CHRISTOPHER B. BURKE ENGINEERING, LLC
PNC Center, Suite 1368 South
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Indianapolis, Indiana 46204
(317) 266-8000 FAX: (317) 632-3306

PROJECT:

A. ROSS REGIONAL
DETENTION MASTER PLAN
CONCEPTUAL SITE DESIGN

TIPPECANOE COUNTY, INDIANA

				DSGN.		DRH
				DWN.		DJW
				CHKD.		BWM
				SCALE:		AS NOTED
				DATE:		11/14/2016
NO.	DATE	NATURE OF REVISION				CHKD.
FILE NAME		R:\2014\14-0041\Work Hub\Design\IGN Plans\Prelim Plans\140041_EX0.dgn				

TITLE:

EXISTING CONDITIONS

PROJECT NO.
19.R140041.00001

SHEET 2 OF 18

DRAWING NO.
EC0



LEGEND

- EXISTING CONTOURS
- EXISTING WETLANDS
- EXISTING WATERMAIN
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER

EC1 **EC2**
EC3 **EC4**
EC5 **EC6**

NOTE:
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SURVEYOR'S OFFICE. DATED: 2013

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PROJECT:
**A. ROSS REGIONAL
DETENTION MASTER PLAN
CONCEPTUAL SITE DESIGN**
TIPPECANOE COUNTY, INDIANA

				DSGN.		DRH
				DWN.		DJW
				CHKD.		BWM
				SCALE:		AS NOTED
				DATE:		11/14/2016
NO.	DATE	NATURE OF REVISION			CHKD.	
FILE NAME		R:\2014\14-0041\00001\Work Hub\Design\IGN Plans\Prelim Plans\140041_EX2.dgn				

TITLE:
EXISTING CONDITIONS
EC2

PROJECT NO.
19.R140041.00001
SHEET 4 OF 18
DRAWING NO.



LEGEND

- EXISTING CONTOURS
- EXISTING WETLANDS
- EXISTING WATERMAIN
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER

EC1 EC2 EC3 EC4 EC5 EC6

NOTE: AERIAL PROVIDED BY THE TIPPECANOE COUNTY'S SURVEYOR'S OFFICE. DATED: 2013

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Indianapolis, Indiana 46204
(317) 266-8000 FAX: (317) 632-3306

PROJECT:
**A. ROSS REGIONAL
DETENTION MASTER PLAN
CONCEPTUAL SITE DESIGN**
TIPPECANOE COUNTY, INDIANA

NO.	DATE	NATURE OF REVISION	CHKD.	DSGN.	DRH
				DWN.	DJW
				CHKD.	BWM
				SCALE:	AS NOTED
				DATE:	11/14/2016

TITLE:
EXISTING CONDITIONS
PROJECT NO.
19.R140041.00001
SHEET 6 OF 18
DRAWING NO.
EC4



NOTE:
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SURVEYOR'S OFFICE. DATED: 2013



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PROJECT:

A. ROSS REGIONAL DETENTION MASTER PLAN CONCEPTUAL SITE DESIGN

TIPPECANOE COUNTY, INDIANA

					DSGN.	DRH
					DWN.	DJW
					CHKD.	BWM
NO.	DATE	NATURE OF REVISION			CHKD.	AS NOTED
FILE NAME	R:\2014\14-0041.00001\Work_Hub\Design\IGN Plans\Prelim Plans\140041_EX5.dgn					11/14/2016

	TITLE:
--	--------

EXISTING CONDITIONS

PROJECT NO.			
19.R140041.00001			
SHEET	7	OF	18
DRAWING NO.			

C5



LEGEND

- EXISTING CONTOURS
- EXISTING WETLANDS
- EXISTING WATERMAIN
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER

EC1 **EC2**
EC3 **EC4**
EC5 **EC6**

NOTE:
AERIAL PROVIDED BY THE TIPPECANOE COUNTY'S
SURVEYOR'S OFFICE. DATED: 2013

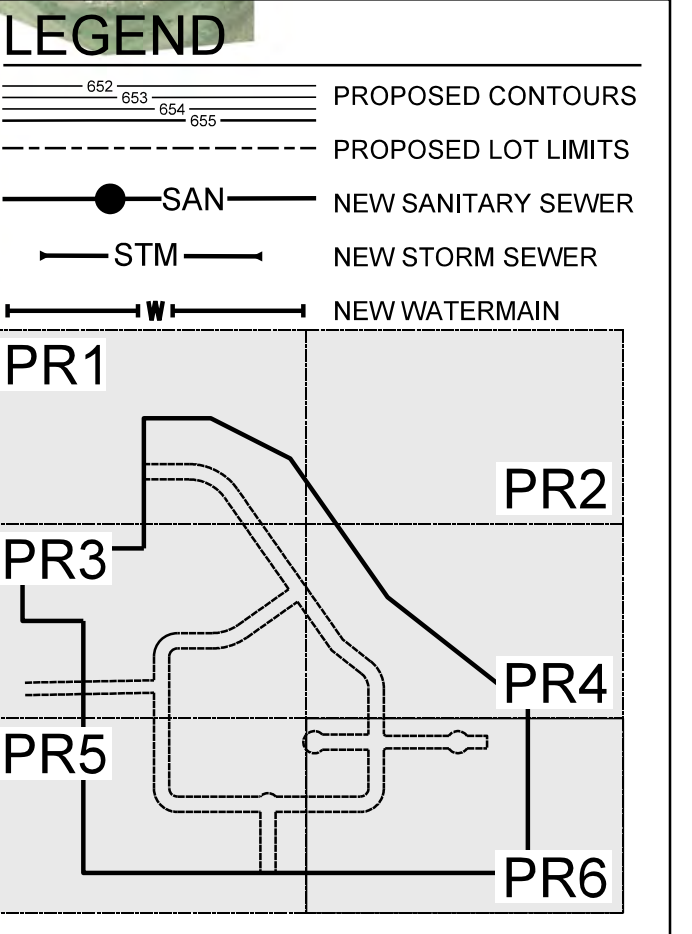
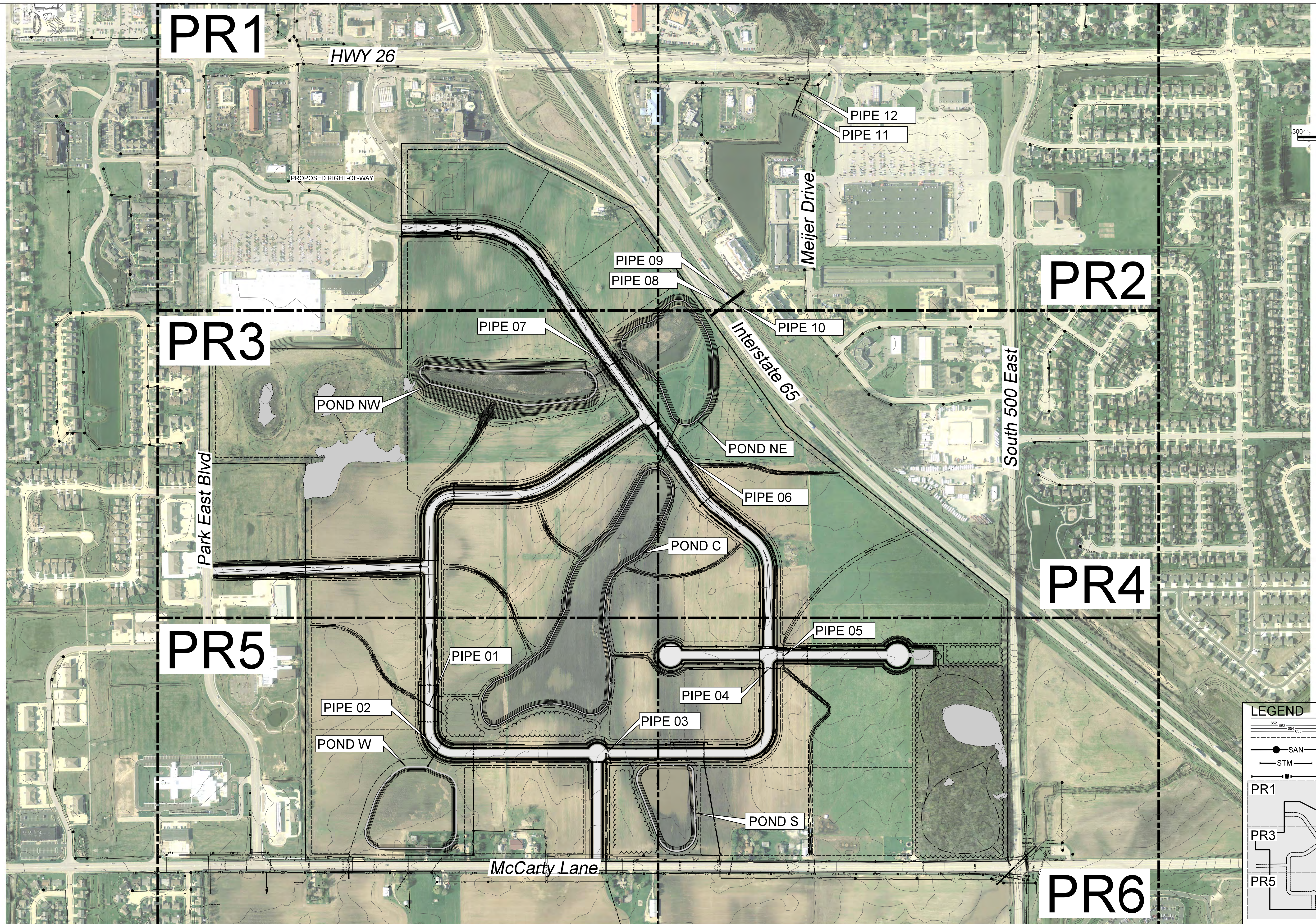
CHRISTOPHER B. BURKE ENGINEERING, LLC
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Indianapolis, Indiana 46204
(317) 266-8000 FAX: (317) 632-3306

PROJECT:
**A. ROSS REGIONAL
DETENTION MASTER PLAN
CONCEPTUAL SITE DESIGN**
TIPPECANOE COUNTY, INDIANA

				DSGN.		DRH
				DWN.		DJW
				CHKD.		BWM
				SCALE:	AS NOTED	
NO.	DATE	NATURE OF REVISION		CHKD.	DATE:	11/14/2016
FILE NAME		R:\2014\14-0041\00001\Work Hub\Design\IGN Plans\Prelim Plans\140041_EX6.dgn				

TITLE:
EXISTING CONDITIONS

PROJECT NO.
19.R140041.00001
SHEET 8 OF 18
DRAWING NO.
EC6



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PROJECT:
**A. ROSS REGIONAL
DETENTION MASTER PLAN
CONCEPTUAL SITE DESIGN**
TIPPECANOE COUNTY, INDIANA

			DSGN.		DRH
			DWN.		DJW
			CHKD.		BWM
			SCALE:		AS NOTED
			DATE:		11/14/2016
NO.	DATE	NATURE OF REVISION	CHKD.		
FILE NAME	R:\2014\14-0041\Work Hub\Design\IGN Plans\Prelim Plans\140041_PR0.dgn				

TITLE:
PROPOSED PLAN
PROJECT NO.
19.R140041.00001
SHEET 9 OF 18
DRAWING NO.
PR0



LEGEND

- PROPOSED CONTOURS
- PROPOSED LOT LIMITS
- SAN — NEW SANITARY SEWER
- STM — NEW STORM SEWER
- WM — NEW WATERMAIN

PR1

PR2

PR3

PR4

PR5

PR6

NOTE:
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SURVEYOR'S OFFICE. DATED: 2013

CB

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PROJECT:

**A. ROSS REGIONAL
DETENTION MASTER PLAN
CONCEPTUAL SITE DESIGN**

TIPPECANOE COUNTY, INDIANA

NO.	DATE	NATURE OF REVISION	CHKD.	DSGN.	DRH	DATE
				DWN.	DJW	
				CHKD.	BWM	
				SCALE:	AS NOTED	
				DATE:	11/14/2016	

TITLE:

PROPOSED PLAN

PROJECT NO. 19.R140041.00001
SHEET 10 OF 18
DRAWING NO. **PR1**



LEGEND

- PROPOSED CONTOURS
- PROPOSED LOT LIMITS
- SAN — NEW SANITARY SEWER
- STM — NEW STORM SEWER
- WM — NEW WATERMAIN

PR1 **PR2**
PR3 **PR4**
PR5 **PR6**

NOTE:
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PROJECT:
**A. ROSS REGIONAL
DETENTION MASTER PLAN
CONCEPTUAL SITE DESIGN**
TIPPECANOE COUNTY, INDIANA

				DSGN.		DRH
				DWN.		DJW
				CHKD.		BWM
				SCALE:	AS NOTED	
NO.	DATE	NATURE OF REVISION		CHKD.	DATE:	12/21/2016
FILE NAME		R:\2014\14-0041\00001\Work Hub\Design\IGN Plans\Prelim Plans\140041_PR2.dgn				

TITLE:
PROPOSED PLAN
PROJECT NO.
19.R140041.00001
SHEET 11 OF 18
DRAWING NO.
PR2

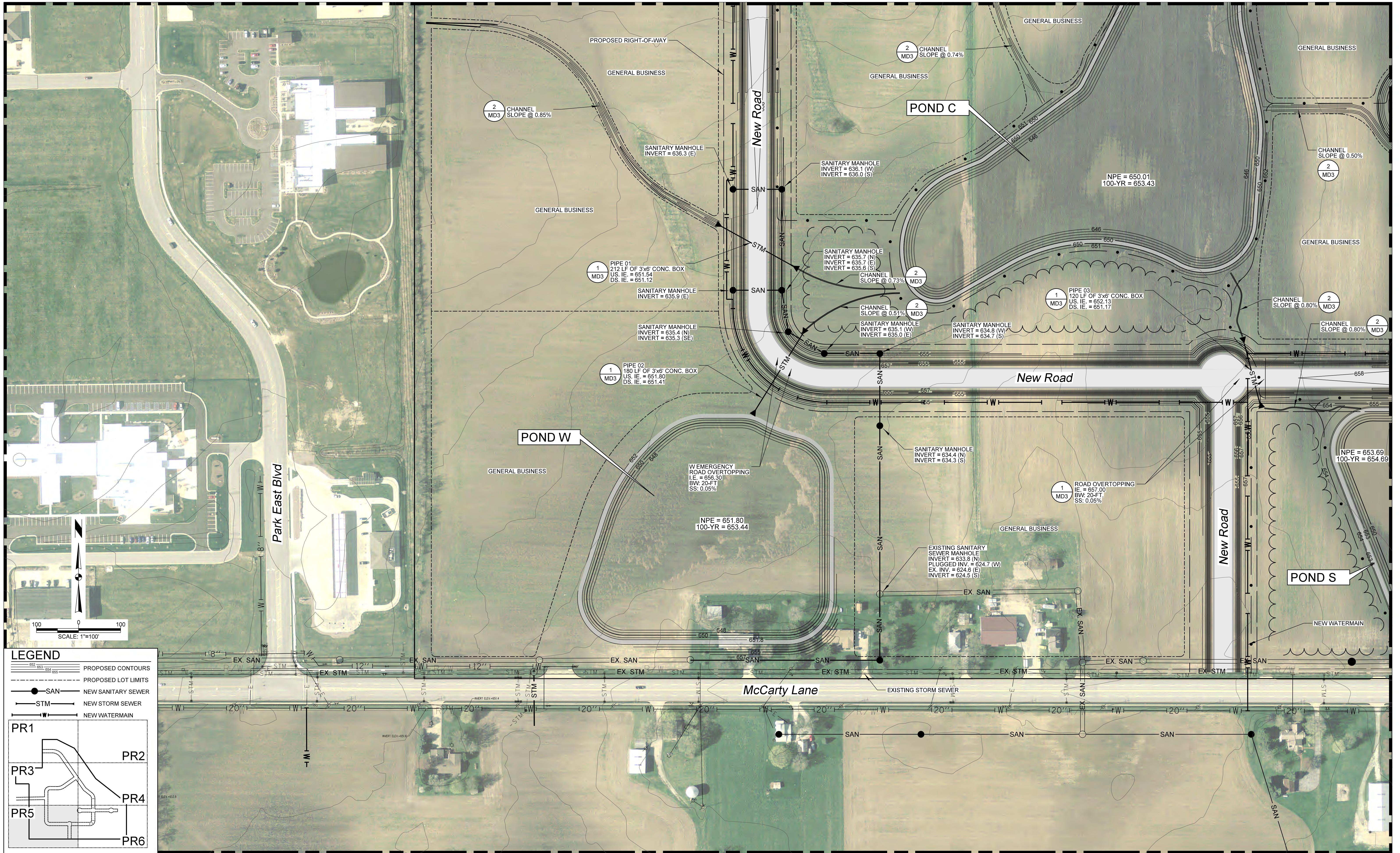


LEGEND

- PROPOSED CONTOURS
- PROPOSED LOT LIMITS
- SAN NEW SANITARY SEWER
- STM NEW STORM SEWER
- NEW WATERMAIN

PR1 PR2 PR3 PR4 PR5 PR6

NOTE: AERIAL PROVIDED BY THE TIPPECANOE COUNTY'S SURVEYOR'S OFFICE. DATED: 2013



LEGEND

PROPOSED CONTOURS
PROPOSED LOT LIMITS
SAN - NEW SANITARY SEWER
STM - NEW STORM SEWER
NEW WATERMAIN

PR1
PR2
PR3
PR4
PR5
PR6

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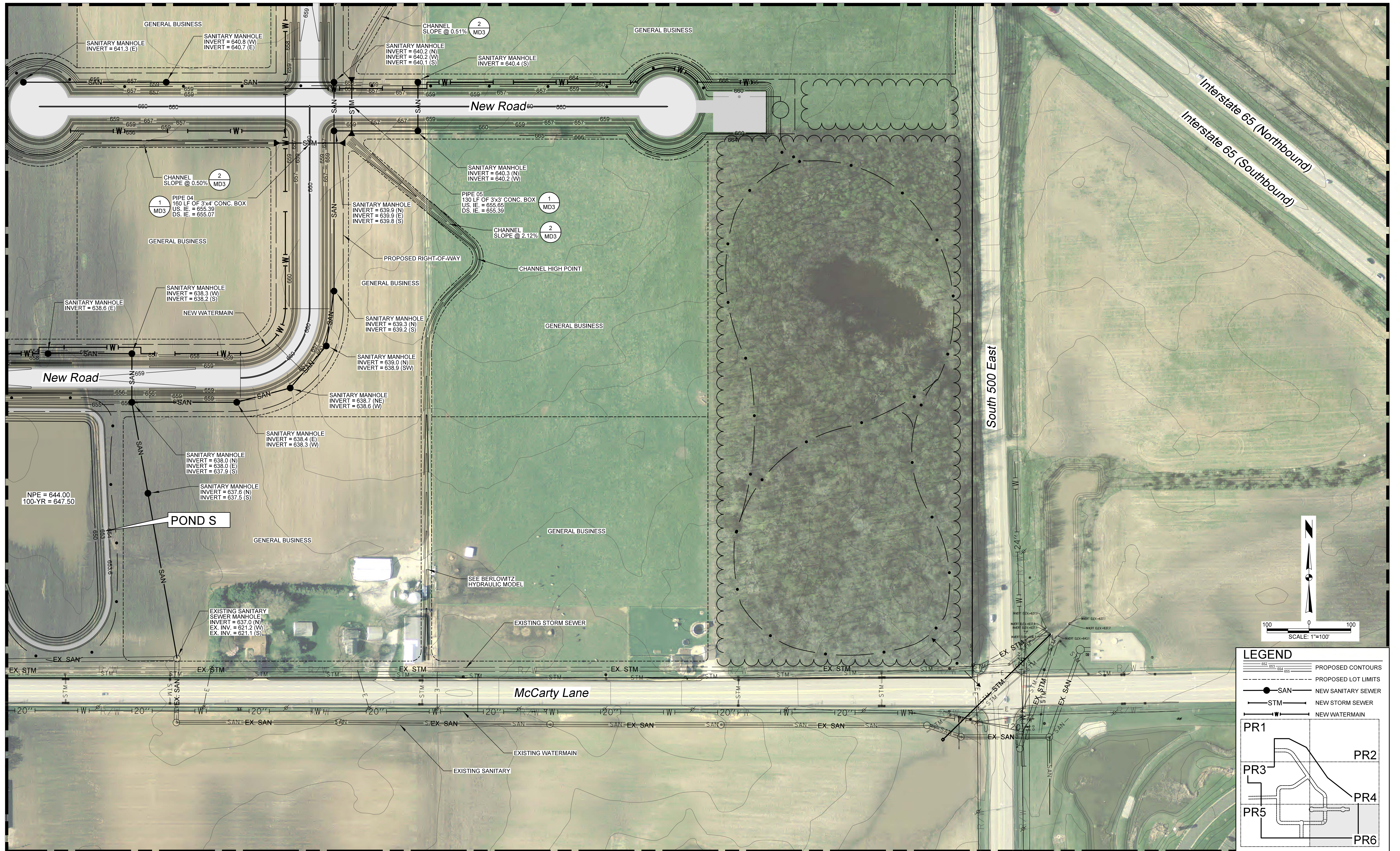
PROJECT:
**A. ROSS REGIONAL
DETENTION MASTER PLAN
CONCEPTUAL SITE DESIGN**
TIPPECANOE COUNTY, INDIANA

NO.	DATE	NATURE OF REVISION	CHKD.
1	12/21/2016	19.R140041.00001\Work Hub\Design\IGN Plans\Prelim Plans\140041_PR5.dgn	

DSGN.	DRH
DWN.	DJW
CHKD.	BWM
SCALE:	AS NOTED
DATE:	12/21/2016

TITLE:
PROPOSED PLAN

PROJECT NO.
19.R140041.00001
SHEET 14 OF 18
DRAWING NO.
PR5



LEGEND

- PROPOSED CONTOURS
- PROPOSED LOT LIMITS
- SAN NEW SANITARY SEWER
- STM NEW STORM SEWER
- NEW WATERMAIN

PR1 **PR2** **PR3** **PR4** **PR5** **PR6**

NOTE:
AERIAL PROVIDED BY THE TIPPECANOE COUNTY'S
SURVEYOR'S OFFICE. DATED: 2013

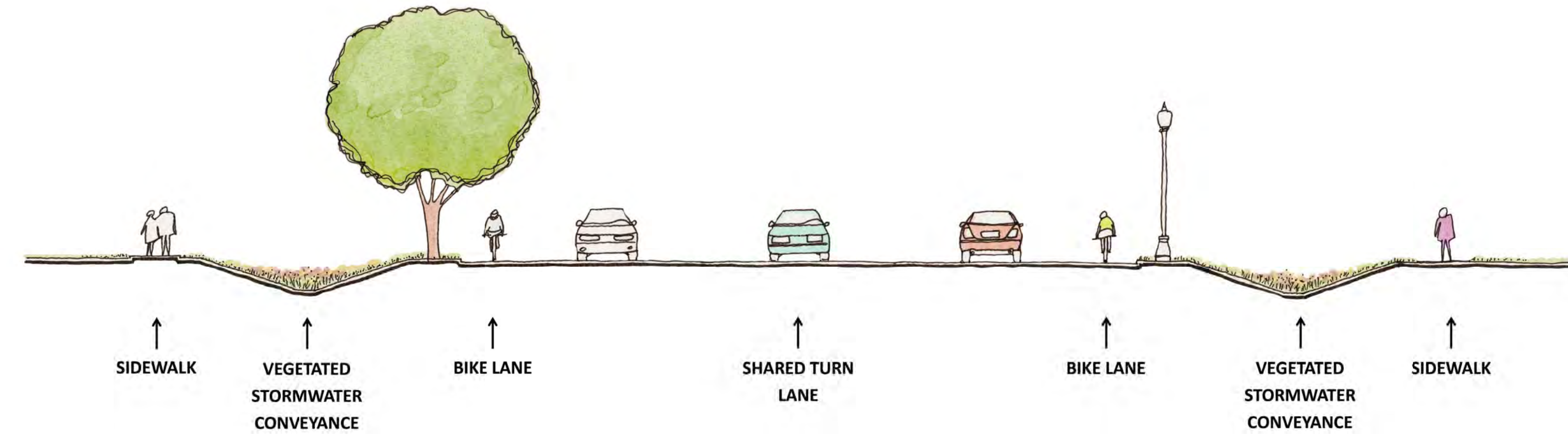
CHRISTOPHER B. BURKE ENGINEERING, LLC
PNC Center, Suite 1368 South
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Indianapolis, Indiana 46204
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PROJECT:
**A. ROSS REGIONAL
DETENTION MASTER PLAN
CONCEPTUAL SITE DESIGN**
TIPPECANOE COUNTY, INDIANA

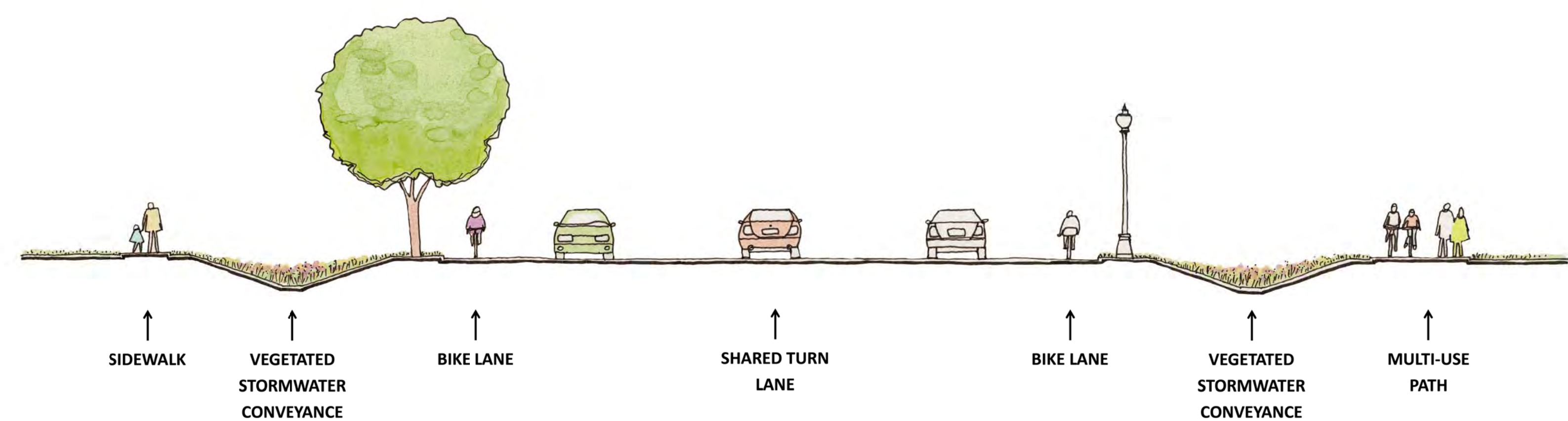
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TITLE:
PROPOSED PLAN
PROJECT NO.
19.R140041.00001
SHEET 15 OF 18
DRAWING NO.
PR6

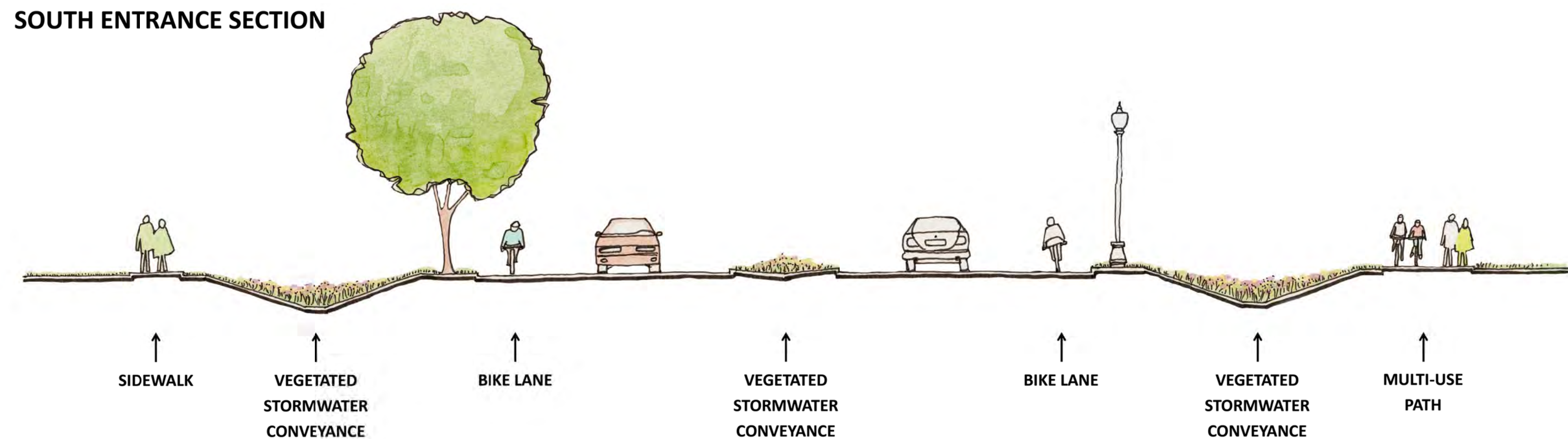
TYPICAL SECTION No. 1



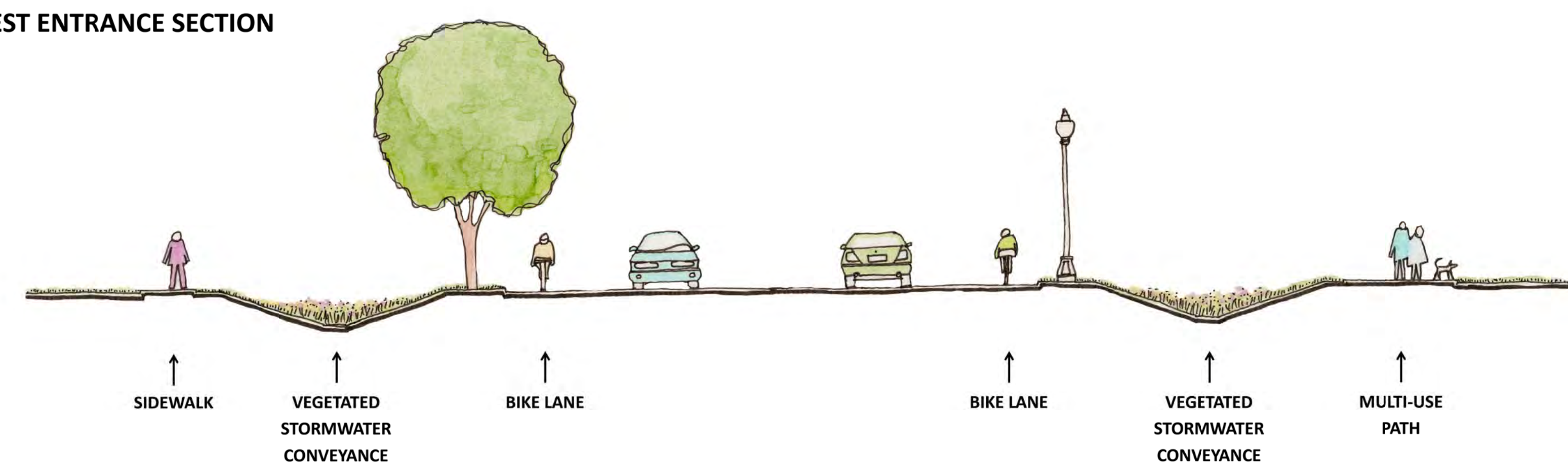
TYPICAL SECTION No. 2

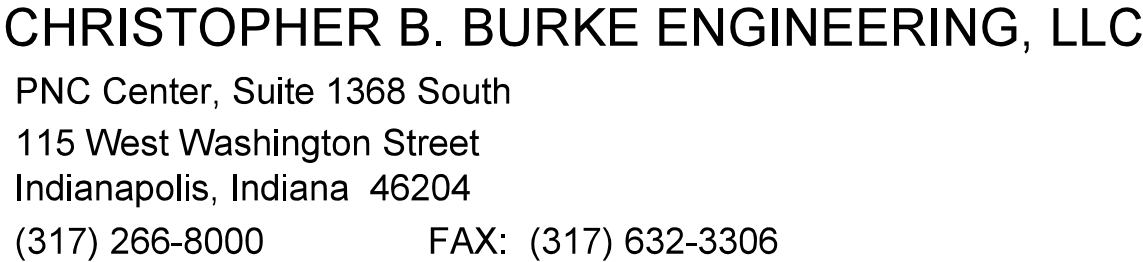


SOUTH ENTRANCE SECTION



WEST ENTRANCE SECTION





PROJECT:

A. ROSS REGIONAL
DETENTION MASTER PLAN
CONCEPTUAL SITE DESIGN

TIPPECANOE COUNTY, INDIANA

TITLE: TYPICAL SECTIONS	PROJECT NO.		
	19 R140041.00001		
	SHEET	17 OF	18
	DRAWING NO.		
MD2			



PIPE NUMBER	POND/ CHANNEL	to	POND/ CHANNEL	STRUCTURE SIZE	STRUCTURE LENGTH	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION
1	Channel		C	3'x6' RCBC	212'	651.54	651.12
2	W		Channel	3'x6' RCBC	180'	651.80	651.41
3	S		NE	3'x6' RCBC	120'	652.12	651.17
4	Channel		Channel	3'x4' RCBC	160'	655.39	655.07
5	Channel		Channel	3'x3' RCBC	130	655.65	655.39
6	C		NE	4'x8' RCBC	300'	650.01	650.01
7	W		NE	3'x6' RCBC	180'	651.40	650.01
8	NE		Meijer	18" RCP	350'	650.01	647.86
9	NE		Meijer	42" Steel	350'	650.01	647.86
10	NE		Meijer	42" Steel	350'	650.01	647.86
11	Meijer		New 48" MH	18" RCP	108'	648.22	647.14
12	New 48" MH		Exist. Storm	18" RCP	160'	640.07	638.47