

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

December 19, 2001

RE: Crooked Creek Drain, West Carmel Center Block G Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the West Carmel Center Block G Arm, Crooked Creek 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	400 ft
12" RCP	14 ft

The total length of the drain will be 414 feet.

This project consists of storm sewer and subsurface drains needed due to the reconstruction of the cul-de-sac at the intersection of Carwinion way and Commerce Drive in West Carmel Center.

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 lot 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

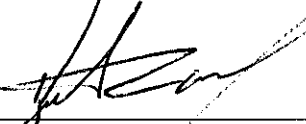
assessment of \$30.00 per lot, \$5.00 per acre for roadways, with a \$30.00 minimum. With this assessment the total annual assessment for this drain/ this section will be \$31.36.

Parcels assessed for this drain are currently assessed for the Crooked Creek Drain.

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 West Carmel Center Block G as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for January 28, 2002.



Kenton C. Ward
Hamilton County Surveyor

FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

Crooked Creek Drain, West Carmel Center Block G

On this *28th day of January 2002*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Crooked Creek Drain, West Carmel Center Block G*.

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

S. C. Dillinger

Member

Sharon P. Clark

Member

Attest: *Suzette Mastouf*

AMERICAN CONSULTING, INC.

ENGINEER'S ESTIMATE

PROJECT: TARGET AT WEST CARMEL CENTER

DESCRIPTION: CARMEL, IN

10/2/2000

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
STORM / DRAINAGE					
1	12" RCP	LFT	240	\$16.70	\$4,008.00
2	15" RCP	LFT	20	\$21.10	\$422.00
3	18" RCP	LFT	230	\$24.50	\$5,635.00
4	21" RCP	LFT	50	\$31.80	\$1,590.00
5	27" RCP	LFT	223	\$47.60	\$10,614.80
6	30" RCP	LFT	490	\$58.30	\$28,567.00
7	36" RCP	LFT	353	\$87.20	\$30,781.60
8	42" RCP	LFT	173	\$114.50	\$19,808.50
9	48" RCP	LFT	296	\$145.20	\$42,979.20
10	54" RCP	LFT	138	\$180.00	\$24,840.00
11	4" PERFORATED PVC	LFT	3,940	\$5.50	\$21,670.00
12	STANDARD MANHOLE	EACH	16	\$1,435.00	\$22,960.00
13	STANDARD INLETS	EACH	10	\$880.00	\$8,800.00
14	GRANULAR BACKFILL	TON	5,744	\$11.00	\$63,184.00
STORM / DRAINAGE TOTAL					\$285,860.10

EROSION CONTROL					
15	INLET PROTECTION	EACH	26	\$15.00	\$390.00
EROSION CONTROL TOTAL					\$390.00

MONUMENTATION					
16	MONUMENTATION	EACH	1	\$3,500.00	\$3,500.00
EROSION CONTROL TOTAL					\$3,500.00

AMERICAN CONSULTING, INC.

ENGINEER'S ESTIMATE

PROJECT: TARGET AT WEST CARMEL CENTER

DESCRIPTION: CARMEL, IN

10/2/2000

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
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	STORM / DRAINAGE TOTAL				\$285,860.10
	EROSION CONTROL TOTAL				\$390.00
	MONUMENTATION				\$3,500.00
	TOTAL				\$289,750

AMERICAN CONSULTING, INC.

ENGINEER'S ESTIMATE

PROJECT: CUL-DE-SAC (BLOCK G) AT WEST CARMEL CENTER

6/7/01

DESCRIPTION: CARMEL, IN

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	12" RCP	LFT	14	\$ 21.50	\$301.00
2	6" PERFORATED PVC	LFT	400	\$ 7.00	\$2,800.00
3	STANDARD INLET	EACH	2	\$ 1,000.00	\$2,000.00
4	ROLL CURB CASTING	EACH	4	\$ 300.00	\$1,200.00
5	BEEHIVE CASTING	EACH	1	\$ 300.00	\$300.00
6	ADJUST CASTING TO PROPOSED GRADE	EACH	3	\$ 250.00	\$750.00
7	STORM INLET RELOCATION	EACH	1	\$ 200.00	\$200.00
8	GRANULAR BACKFILL	TON	8	\$ 15.50	\$124.00
9	#8 WASHED STONE	TON	65	\$ 11.50	\$747.50
10	INLET PROTECTION - EROSION CONTROL	EACH	5	\$ 15.50	\$77.50
	TOTAL				\$8,500

FILED

JUN 11 2001

OFFICE OF HAMILTON COUNTY SURVEYOR

522

HC DB 2002-003 07

HCDB 202 001

PERFORMANCE BOND



Bond No. 103510278

KNOW ALL MEN BY THESE PRESENTS:

that West Carmel Outlot, LLC % 930 E. 66th Street, Indianapolis, IN 46220

(Here insert full name and address or legal title of Contractor)

as Principal, hereinafter called Contractor, and, TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, of Hartford, Connecticut, a corporation duly organized under the laws of the State of Connecticut, as Surety, hereinafter called Surety, are held firmly bound unto

Hamilton County Board of Commissioners One Hamilton Co. Square # 188, Noblesville, IN 46060

(Here insert full name and address or legal title of Owner)

as Oblige, hereinafter called Owner, in the amount of Eight thousand five hundred and no/100

Dollars (\$ 8,500.00***), for the payment whereof Contractors and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, Contractor has by written agreement dated November 8, 2001 entered into a contract with Owner for Drainage and erosion control while building Carwinion Way cul-de-sac

Specifications prepared by American Consulting, Inc. 7260 Shadeland Station, Indianapolis, IN 46256 in accordance with Drawings and

(Here insert full name and address or legal title of Architect)

which contract is by reference made a part hereof, and is hereinafter referred to as the Contract.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, if Contractor shall promptly and faithfully perform said Contract, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

as Work progresses (even though there should be a default or a succession of defaults under the contract or contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the contract price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term "balance of the contract price" as used in this paragraph, shall mean the total amount payable by Owner to Contractor under the Contract and any amendments thereto, less the amount properly paid by the Owner to Contractor.

The Surety hereby waives notice of any alteration or extension of time made by the Owner.

Whenever Contractor shall be, and declared by Owner to be in default under the Contract, the Owner having performed Owner's obligations thereunder, the Surety may promptly remedy the default, or shall promptly

Any suit under this bond must be instituted before the expiration of two (2) years from the date on which final payment under the Contract falls due.

- 1) Complete the Contract in accordance with its terms and conditions, or
2) Obtain a bid or bids for completing the Contract in accordance with its terms and conditions, and upon determination by Surety of the lowest responsible bidder, or, if the Owner elects, upon determination by the Owner and the Surety jointly of the lowest responsible bidder, arrange for a contract between such bidder and Owner, and made available

No right or action shall accrue on this bond to or for the use of any person or corporation other than the Owner named herein or the heirs, executors, administrators or successors of the Owner.

Signed and sealed this 8th day of November 2001

ATTEST: Deborah M. Miller HAMILTON COUNTY AUDITOR

[Signature] (Witness)

West Carmel Outlot, LLC (Principal) (Seal)

By [Signature] Member (Title)

[Signature] (Witness)

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA

By [Signature] Patricia L. Holycross Attorney-in-Fact

Printed in cooperation with the American Institute of Architects (AIA) by Travelers Casualty and Surety Company of America. language in this document conforms exactly to the language used in AIA Document A311, February 1970 edition. - S-1879072-1977 Page 1 of 2

BOARD OF COMMISSIONERS OF THE COUNTY OF HAMILTON

This copy is from the Public Archive of the Hamilton County Surveyor's Office; Noblesville, In 46060

DATE 3/11/02

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA
TRAVELERS CASUALTY AND SURETY COMPANY
FARMINGTON CASUALTY COMPANY
Hartford, Connecticut 06183-9062

POWER OF ATTORNEY AND CERTIFICATE OF AUTHORITY OF ATTORNEY(S)-IN-FACT

KNOW ALL PERSONS BY THESE PRESENTS, THAT TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, TRAVELERS CASUALTY AND SURETY COMPANY and FARMINGTON CASUALTY COMPANY, corporations duly organized under the laws of the State of Connecticut, and having their principal offices in the City of Hartford, County of Hartford, State of Connecticut, (hereinafter the "Companies") hath made, constituted and appointed, and do by these presents make, constitute and appoint: **Patricia L. Holycross, Michael J. Gray, Pamela K. Dean, Majorie Head, Eve Dillinger, Renee Sandenburgh**, of Indianapolis, Indiana, their true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred to sign, execute and acknowledge, at any place within the United States, the following instrument(s): by his/her sole signature and act, any and all bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking and any and all consents incident thereto *not exceeding the sum of ONE MILLION (\$1,000,000,00) DOLLARS per bond* and to bind the Companies, thereby as fully and to the same extent as if the same were signed by the duly authorized officers of the Companies, and all the acts of said Attorney(s)-in-Fact, pursuant to the authority herein given, are hereby ratified and confirmed.

This appointment is made under and by authority of the following Standing Resolutions of said Companies, which Resolutions are now in full force and effect:

VOTED: That the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her.

VOTED: That the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary.

VOTED: That any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary, or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority.

This Power of Attorney and Certificate of Authority is signed and sealed by facsimile under and by authority of the following Standing Resolution voted by the Boards of Directors of TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, TRAVELERS CASUALTY AND SURETY COMPANY and FARMINGTON CASUALTY COMPANY, which Resolution is now in full force and effect:

VOTED: That the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

FILED
JAN 17 2002
OFFICE OF HAMILTON COUNTY SURVEYOR

1200



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, CEM
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

April 12, 2007

Re: Crooked Creek Drain: West Carmel Center Blk G

Attached are as-builts, certificate of completion & compliance, and other information for West Carmel Center Blk G. 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 December 19, 2001. The report was approved by the Board at the hearing held January 28, 2002. (See Drainage Board Minutes Book 6, Pages 261-262.

The changes are as follows:

The 6" SSD was shortened from 400 to 361 feet.

The 12" RCP was shortened from 14 to 12 feet.

The length of the drain due to the changes described above is now **371 feet**.

Note: This project removed 153 of 6" SSD from the Hamilton Business Park Arm of the Crooked Creek Drain.

The non-enforcement was approved by the Board at its meeting on January 28, 2002 and recorded under instrument # 200200066622.

The following sureties were guaranteed by Travelers Casualty & Surety Company and expired on November 8, 2003.

Bond-LC No: 103510278

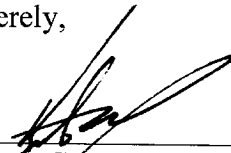
Insured For: Storm Sewers

Amount: \$8500.00

Issue Date: November 8, 2001

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

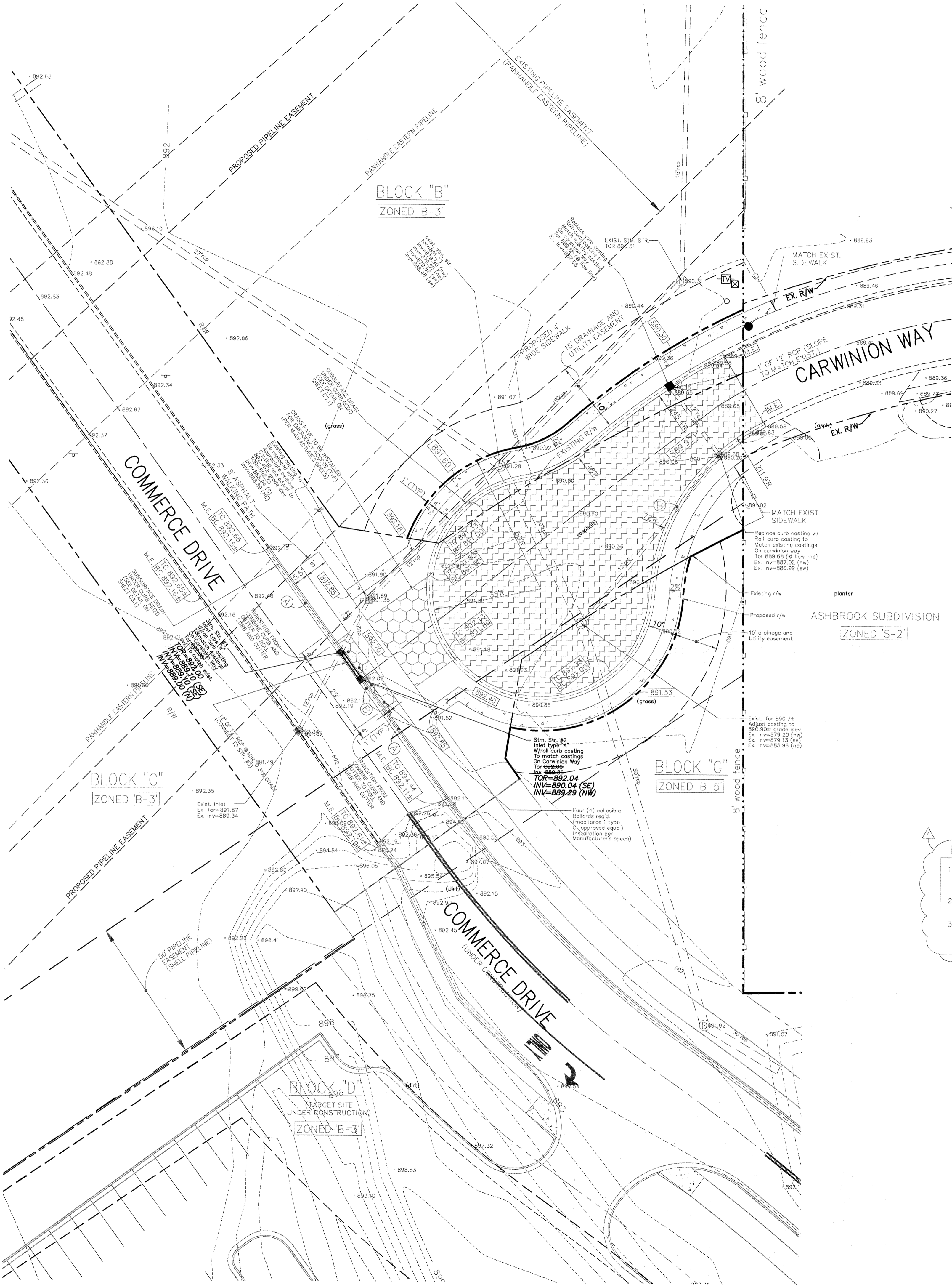
Sincerely,

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

Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

DATE: 04/09/07 15:00:24 EDITED BY: 5564 DWG FILE: P:\INDOOR\1019\10 Drawings\CON\AS-BUILTS\INDOOR.DWG (S:\AS-BUILTS_04-04-07)



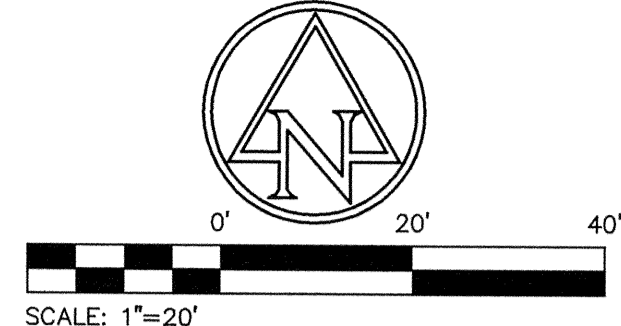
A part of the Northwest Quarter of Section 7, Township 17 North, Range 3 East located in Clay Township, Hamilton County, Indiana being bounded as follows:
 Commencing at the Northeast Corner of the Northwest Quarter of Section 7, Township 17 North, Range 3 East, thence South 00 degrees 25 minutes 52 seconds East (assumed bearing) 45.00 feet along the East Line of said Northwest Quarter to the southern boundary line of 106th Street to a southeastern boundary line of Commerce Drive (see the SPECIAL WARRANTY DEED recorded as Instrument #9809836325 in said Recorder's office), the following seven (7) courses are along the boundary line of said Commerce Drive: 1) thence South 44 degrees 19 minutes 42 seconds West 35.50 feet; 2) thence South 00 degrees 25 minutes 52 seconds East 148.92 feet to the point of curvature of a curve to the left, said point of curvature being South 89 degrees 33 minutes 35 seconds West 310.00 feet from the radius point of said curve; 3) thence southerly and southeasterly 183.00 feet along said curve to its point of tangency, said point of tangency being South 53 degrees 43 minutes 17 seconds West 310.00 feet from the radius point of said curve; 4) thence South 35 degrees 06 minutes 43 seconds East 653.48 feet; 5) thence South 81 degrees 03 minutes 10 seconds East 8.51 feet to a point on a non-tangent curve concave to the southeast (said curve hereinafter referred to as "Curve #1") and being South 69 degrees 55 minutes 28 seconds West 50.00 feet from the radius point of Curve #1; 6) thence South 81 degrees 03 minutes 10 seconds East 8.51 feet to a point on a non-tangent curve concave to the southeast (said curve hereinafter referred to as "Curve #2"), said point being North 09 degrees 22 minutes 11 seconds West 615.00 feet from the radius point of Curve #2; 7) thence northeasterly 172.83 feet along Curve #2 to the East Line of said Northwest Quarter (said point hereinafter referred to as "Point A"), Point A being North 23 degrees 56 minutes 41 seconds West 615.00 feet from the radius point of said curve; thence North 00 degrees 25 minutes 52 seconds West 22.22 feet along the East Line of said Northwest Quarter to a point on a non-tangent curve concave to the southeast, said point being North 25 degrees 03 minutes 18 seconds West 257.38 feet from the radius point of said curve; thence South 18 degrees 36 minutes 41 seconds West 257.38 feet from the radius point of said curve to a point of reverse curvature, said point of reverse curvature being North 31 degrees 12 minutes 30 seconds West 36.00 feet from the radius point of the reverse curve; thence southwesterly and westerly 30.26 feet along said curve to a point of reverse curvature, said point being South 15 degrees 36 minutes 41 seconds West 36.00 feet from the radius point of said curve and being North 16 degrees 55 minutes 41 seconds East 50.00 feet from the radius point of the reverse curve which is Curve #1; thence westerly, southwesterly and southerly 110.85 feet along Curve #1 to the POINT OF BEGINNING containing 0.095 acres, more or less.

A150, a part of the Northeast Quarter of Section 7, Township 17 North, Range 3 East located in Clay Township, Hamilton County, Indiana being bounded as follows:
 Commencing at Point "A" on the East Line of the Northwest Quarter of Section 7, Township 17 North, Range 3 East and on the boundary line Commerce Drive (see the SPECIAL WARRANTY DEED recorded as Instrument #9809836325 in said Recorder's office of Hamilton County, Indiana), the following four (4) courses are along said boundary line of Commerce Drive: 1) thence South 00 degrees 25 minutes 52 seconds East 54.98 feet along the East Line of said Northwest Quarter to the POINT OF BEGINNING of this description, said point of beginning being on a non-tangent curve concave to the southeast (said curve is concentric with Curve #2), said point being North 28 degrees 10 minutes 13 seconds West 565.00 feet from the radius point of said curve; 2) thence southwesterly 90.07 feet along said curve to a point being North 38 degrees 18 minutes 15 seconds West 565.00 feet from the radius point of said curve; 3) thence South 08 degrees 27 minutes 08 seconds West 35.32 feet; 4) thence South 36 degrees 06 minutes 43 seconds East 8.73 feet to a point on the northeastern right-of-way line of Commerce Drive as per the plat of Block D of West Carmel Center recorded as Instrument #20000057496 in Plat Cabinet 2, slide 515 in said Recorder's office, said point also being the point of curvature of a curve to the left and being South 53 degrees 53 minutes 17 seconds West 298.45 feet from the radius point of said curve; thence southeasterly 94.73 feet along said right-of-way line and along said curve to its point of tangency, said point of tangency being South 30 degrees 04 minutes 16 seconds West 288.45 feet from the radius point of said curve; thence South 54 degrees 55 minutes 44 seconds East 14.20 feet along said right-of-way line to the East Line of said Northwest Quarter; thence North 00 degrees 25 minutes 52 seconds West 162.16 feet along the East Line of said Northwest Quarter to the POINT OF BEGINNING containing 0.196 acres, more or less.

NOTE:
 CONTRACTOR SHALL COORDINATE WITH SHELL COMPANY TO DETERMINE EXACT LOCATION, SIZE AND DEPTH OF THE EXISTING SHELL PIPELINE. CONTRACTOR SHALL NOTIFY ENGINEER ABOUT HIS FINDINGS PRIOR TO COMMENCING ANY CONSTRUCTION.

NOTES (PANHANDLE EASTERN PIPELINE):

1. THE CONTRACTOR WILL NOTIFY THE INDIANA UNDERGROUND PLANT PROTECTION SERVICE WITH 2 FULL WORKING DAYS NOTICE PRIOR TO EXCAVATION AT 1-800-382-5544 SO PANHANDLE EASTERN PIPELINE MAY PROPERLY LOCATE AND MARK THEIR FACILITIES.
2. THE CONTRACTOR WILL NOT BE PERMITTED TO STOCKPILE SOIL ON THE EXISTING PIPELINE EASEMENT PARCEL.
3. IF CONSTRUCTION EQUIPMENT MUST CROSS THE PIPELINES, TOTAL LOADED AXLE WEIGHT MUST BE PROVIDED TO PIPELINE FIELD REPRESENTATIVE TO DETERMINE STRESS CALCULATIONS ON THE PIPELINE AND TO EVALUATE WHETHER ADDITIONAL COVER IS NECESSARY FOR EQUIPMENT TO CROSS THE PIPELINES.



PROPOSED LEGEND

889	PROPOSED CONTOURS
TC 888.50 BC 888.00	PROPOSED CURB ELEVATIONS
888.65	PROPOSED SPOT ELEVATIONS
[Hatched pattern]	R/W PAVEMENT
(A)	CONCRETE CURB AND GUTTER (TYFF II)
(B)	CONCRETE ROLL CURB AND GUTTER
(C)	CONCRETE LIP GUTTER
M.E.	MATCH EXISTING

GENERAL GRADING NOTES

1. ALL WORK TO CONFORM TO STATE AND LOCAL REGULATIONS.
2. SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS (VERTICAL AND HORIZONTAL) IN THE FIELD PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND IN THESE PLANS FROM ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
4. THE EXCAVATING CONTRACTOR MUST TAKE PARTICULAR CARE WHEN EXCAVATING IN AND AROUND EXISTING UTILITIES AND EQUIPMENT. VERIFY COVER REQUIREMENTS BY UTILITY CONTRACTOR'S AND/OR UTILITY COMPANIES SO AS NOT TO CAUSE DAMAGE.
5. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS BEFORE CONSTRUCTION IS TO START, TO VERIFY IF ANY UTILITIES ARE PRESENT ON SITE. ALL VERIFICATIONS (location, size and depth) SHALL BE MADE BY THE APPROPRIATE UTILITY COMPANIES. WHEN EXCAVATING IS AROUND OR OVER EXISTING UTILITIES, THE CONTRACTOR MUST NOTIFY THE UTILITY COMPANY TO A REPRESENTATIVE OF THAT UTILITY COMPANY CAN BE PRESENT TO INSTRUCT AND OBSERVE DURING CONSTRUCTION.
6. TRENCHES FOR ALL STORM DRAIN LINES SHALL BE BACKFILLED COMPLETELY WITH SELECT GRANULAR MATERIAL IF WITHIN 5 FEET OF PAVEMENT.
7. AFTER STRIPPING TOPSOIL MATERIAL, PROFFROLL WITH A MEDIUM WEIGHT ROLLER TO DETERMINE LOCATIONS OF ANY POCKETS OF UNSUITABLE MATERIAL. THE NECESSITY FOR SUBDRAINS AND/OR REMOVAL OF ANY UNSUITABLE MATERIAL WITHIN THE PROPOSED PARKING AREAS WILL BE DETERMINED AT THE TIME OF CONSTRUCTION.
8. PROVIDE POSITIVE DRAINAGE WITH-OUT PONDING, IN ALL AREAS. AFTER INSTALLATION, CONTRACTOR TO TEST FOR, AND CORRECT, IF ANY, "BIRD BATH" CONDITIONS.
9. ALL PROPOSED SPOT ELEVATIONS ARE THE FINAL PAVEMENT AND FINAL GRADE ELEVATIONS.
10. SEE APPROPRIATE DETAILS TO DETERMINE SUBGRADE ELEVATIONS BELOW FINISH GRADE ELEVATIONS INDICATED.
11. ALL STORM SEWER MATERIALS AND INSTALLATION SHALL CONFORM TO HAMILTON COUNTY STANDARDS.
12. INVERTS AT PIPE OUTLETS ARE GIVING AT END OF PIPE END SECTION.
13. DEBRIS GUARD TO BE INSTALLED AT ALL OPEN ENDED INLETS.
14. ANY UTILITIES THAT NEED TO BE RELOCATED WILL BE DONE AT THE OWNER'S REQUEST.
15. ALL DAMAGED SSD UNDER THE CURB WILL NEED TO BE REPLACED.
16. WHERE CRASS PAVE WILL BE USED FOR EMERGENCY VEHICLE ENTRANCE, THE SSD MATERIAL USED WILL BE THE SMOOTH WALL, DOUBLE WALL HIGH OF PLASTIC PIPE.

SITE NOTES

1. ALL WORK TO CONFORM TO STATE AND LOCAL REGULATIONS.
2. ALL DIMENSIONS ARE TO EDGE OF PAVEMENT OR FACE OF CURB, UNLESS NOTED OTHERWISE.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND IN THESE PLANS FROM ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
4. PROVIDE SMOOTH TRANSITIONS FROM NLW AREAS TO EXISTING FEATURES AS NECESSARY.
5. ALL EXCAVATED AREAS SHALL BE SETDOP AFTER FINISH GRADING UNLESS OTHERWISE NOTED. ALL NLW SEDED AREAS SHALL HAVE A MINIMUM OF 4" OF TOP SOIL.
6. RESURFACE OR RECONSTRUCT AT LEAST TO ORIGINAL CONDITIONS, ALL AREAS WHERE THE EXISTING PAVEMENT OR LAWNS ARE DAMAGED DURING CONSTRUCTION FROM TRAFFIC BY CONTRACTORS, SUBCONTRACTORS OR SUPPLIERS AFTER CONSTRUCTION WORK IS COMPLETE.
7. THE EDGE OF EXISTING ASPHALT PAVEMENT SHALL BE PROPERLY SEALED WITH A TACK COAT MATERIAL IN ALL AREAS WHERE NEW ASPHALT PAVEMENT IS INDICATED TO JOIN EXISTING ASPHALT.
8. ALL UTILITY TRENCHES WITHIN 5 FEET OF PAVEMENT SHALL BE COMPLETELY BACKFILLED WITH GRANULAR MATERIAL.
9. ALL ASPHALT TO BE IN ACCORDANCE WITH I.N.D.O.I. STANDARD SPECIFICATIONS RELATIVE TO MATERIAL, MIX, PLACEMENT AND WORKMANSHIP.
10. EXISTING PAVEMENT TO BE SAWCUT IN ALL AREAS WHERE INDICATED NEW PAVEMENT TO JOIN EXISTING.

CAUTION !!
 THE 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 EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

GLENDALE PARTNERS
 320 N. MERIDIAN ST., SUITE 700
 INDIANAPOLIS, INDIANA

AMERICAN CONSULTING, INC.
 1760 SHADELAND STATION
 INDIANAPOLIS, INDIANA 46225
 (317) 547-5580 FAX: (317) 549-0270
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ALLEN FETAHAGIC
 REGISTERED ENGINEER
 No. 19900549
 STATE OF INDIANA
 PROFESSIONAL SEAL
 Allen F. Fetahagic

CERTIFIED BY

CUL-DE-SAC PLAN AS-BUILTS
ASHBROOKE SUBDIVISION
 CARWINION WAY
 CARMEL, INDIANA

DATE:	04/20/01
DRAWN BY:	PED
CHK'D BY:	AF
JOB NO.:	IN2001.0191

REVISIONS	
△ HIGHWAY COMMENTS	06/06/01
△ HIGHWAY COMMENTS	06/29/01
△ RE-ISSUE	09/26/01
△ PANHANDLE COMMENTS	10/05/01
△ AS-BUILTS	04/06/07

SHEET NO.
C2.1
 OF