



Pipeline Safety Division Investigation Report

Investigation regarding: John Ferguson

UPPAC Database Record ID: 4119

Report Date: 3/21/2013

Investigator: Howard Friend

Damage Date: 11/14/2012 3:51:48 PM

Damage Address: 10647 Mckinley Hwy, Osceola, St Joseph

The Parties

Excavator: John Ferguson

Address: 10647 Mckinley Hwy, Osceola, In 46561

Facility Owner: NIPSCO

Pipeline Facility

Facility Type: Natural Gas

Facility Function: Service/Drop

Type of Equipment: Backhoe/Trackhoe

Type of Work Performed: Irrigation

Damage Impact

Product Release: Yes

Ignition: No

Service Interruption: True

Number of Customers Affected: 1

Injuries: 0

Fatalities: 0

Repair Cost (if known): \$

Excavator Activities/Cause of Damage Information:

Excavator Request Locates: Yes

Indiana 811 Ticket Number: 1210192105

Original Start Date:

Locate Instructions: Locate entire property out to the retention swale and entire property -from the north building from the new panel to the old panel

Follow-Up Locate Instructions (if applicable):

Synopsis: A natural gas service was damaged during excavation for irrigation.

Findings: Reported by Indiana 811; excavator's response to initial notice was received on 1/25/2013. The excavator provided notice of excavation on 10/19/12 and damaged the line 26 days later.

Conclusion: The excavator failed to provide notice of excavation within the twenty (20) calendar days of excavation.

Violation: 8-1-26-16(g)(expire) Failure to provide notice of excavation - expired ticket.



150 West Market Street, Suite 600
Indianapolis, IN 46204

February 4, 2013

Via Electronic Transmission – PipelineDamageCase@urc.in.gov

Pipeline Safety Division – Case No. 4119
Indiana Utility Regulatory Commission
101 West Washington Street, Suite 1500 East
Indianapolis, Indiana 46204

RE: Investigation Request for Information; Pipeline Division Case No. 4119

To Whom It May Concern:

Attached please find Northern Indiana Public Service Company's ("NIPSCO") written information, and supporting documentation, relating to the following event:

Date of Event: 11/14/2012

Event Location: 10647 Mckinley Hwy

Facility Owner: Northern Indiana Public Service Company

Excavator: John Ferguson

Other Party:

Pipeline Division Case No. 4119

NIPSCO has reviewed its recovery and damage prevention files for this matter and has provided answers, when known, to the list of questions set forth in the Information Request. To the extent available, NIPSCO is also providing a copy of the Damage Information Report – Pipeline Safety Division previously submitted by NIPSCO to IURC Pipeline Safety as well as additional documentation relating to this Event Location.

Upon completion of the investigation, NIPSCO requests that it be provided with a copy of the Pipeline Division's Investigation Report with findings that will be forwarded to the Underground Plant Protection Advisory Committee. If there are any additional questions, please contact the undersigned.

Very truly yours,

Christopher C. (Kit) Earle
NiSource Corporate Services - Legal
Phone: 317-684-4904
Fax: 317-684-4918
Email: cearle@nisource.com

IURC INFORMATION REQUEST	
Pipeline Safety Division Case No. 4119	
Date of Event	11/14/2012
Event Location	10647 Mckinley Hwy
Event City	Osceola
Facility Owner	Northern Indiana Public Service Company
Excavator	John Ferguson
Date of IURC Information Request	12/5/2012
THE PARTIES	
EXCAVATOR:	
BUSINESS NAME	German Concepts
RESPONSIBLE PARTY PERSONAL NAME	John Ferguson
TITLE (IF ANY)	
ADDRESS	10647 Mckinley Hwy
CITY/ STATE/ZIP	Osceola, IN 46561
PREFERRED TELEPHONE	574 320 6923
CELL PHONE TELEPHONE	
EMAIL ADDRESS	
FACILITY INFORMATION - OWNER/OPERATOR OF UTILITY LINE:	
BUSINESS NAME	NORTHERN INDIANA PUBLIC SERVICE COMPANY
RESPONSIBLE PARTY PERSONAL NAME	LUKE SELKING
TITLE	
ADDRESS	1501 HALE AVENUE
CITY/STATE/ZIP	FORT WAYNE, IN 46802
PREFERRED TELEPHONE	260/439-1290
SECONDARY TELEPHONE	
EMAIL ADDRESS	LSELKING@NISOURCE.COM
LOCATOR SERVICE INFORMATION	
BUSINESS NAME	USIC
RESPONSIBLE PARTY PERSONAL NAME	Morgan Thompson
TITLE (IF ANY)	Claims Coordinator
ADDRESS	9045 N. River Rd. Suite 300
CITY/ STATE/ZIP	Indianapolis, IN 46240
PREFERRED TELEPHONE	1-317-538-7301
CELL PHONE TELEPHONE	Same
EMAIL ADDRESS	morganthompson@usicinc.com
OTHER (WITNESS, POLICE, FIRE, OTHER) INFORMATION	
PERSONAL CONTACT	
BUSINESS/ORGANIZATION NAME	
TITLE (IF ANY)	

ADDRESS	
CITY/ STATE/ZIP	
PREFERRED TELEPHONE	
CELL PHONE TELEPHONE	
EMAIL ADDRESS	
UTILITY LINE IMPACT	
LOCATION OF DAMAGE	
ADDRESS	10647 Mckinley Hwy
CITY/STATE/ZIP	Osceola, IN 46561
NEAREST INTERSECTION	Woodlawn Ave
PRODUCT TYPE (Select One)	
NATURAL GAS	X
LIQUID PIPELINE	
UNKNOWN/OTHER	
FACILITY TYPE (Select One)	
DISTRIBUTION	
GATHERING	
SERVICE/DROP	X
TRANSMISSION	
UNKNOWN/OTHER	
SIZE (DIAMETER/ETC.)	5/8"
PRESSURE (PSIG/INCHES)	
INTERRUPTION IN SERVICE (YES/NO)	N
NUMBER OF CUSTOMERS AFFECTED	0
EVACUATION (YES/NO)	N
IF YES, HOW MANY EVACUATED	0
REPAIR COST (IF KNOWN) (\$)	
CAUSE OF DAMAGE INFORMATION:	
TYPE OF EQUIPMENT (Select One)	
Auger	
Backhoe/Trackhoe	X
Boring/Drilling	
Directional Drilling	
Explosives	
Farm Equipment	
Grader/Scraper	
Hand Tools	
Milling Equipment	
Probing Device	

Trancher	
Vacuum Equipment	
Unknown/Other	
TYPE OF WORK PERFORMED (Select One)	
Agriculture	
Cable TV	
Curb/Sidewalk	
Bldg. Construction	
Bldg. Demolition	
Drainage	
Driveway	
Electric	
Engineering/Surveying	
Fencing	
Grading	
Irrigation	X
Landscaping	
Liquid Pipeline	
Milling	
Natural Gas	
Pole	
Public Transit Authority	
Railroad Maintenance	
Road Work	
Sewer (Sanitary/Storm)	
Site Development	
Steam	
Storm Drain/Culvert	
Street Light	
Telecommunications	
Traffic Signal	
Traffic Sign	
Water	
Waterway Improvement	
Unknown/Other	
RELEASE OF PRODUCT (YES/NO)	Y
IGNITION AND/OR FIRE (YES/NO)	N
EXCAVATOR NOTIFY 811 (YES/NO)	Y-1211142841
LOCATE INFORMATION:	
EXCAVATOR REQUEST LOCATE (YES/NO)	N

INDIANA 811 LOCATE TICKET NUMBER	1210192105 – EXPIRED
LOCATE MARKS VISIBLE (YES/NO)	N
LOCATE MARKS CORRECT (YES/NO)	N/A
EXCAVATOR "WHITE LINED" (YES/NO)	N
MAPS USED TO MARK FACILITIES (YES/NO)	N/A
OPERATOR EMPLOYEES ON-SITE DURING EXCAVATION (YES/NO)	N
INCIDENT IMPACT INFORMATION	
NUMBER OF OUTPATIENT TREATED	0
NUMBER OF INPATIENT TREATED	0
NUMBER OF FATALITIES	0
FIRE DEPARTMENT RESPONSE (YES/NO)	
POLICE DEPARTMENT RESPONSE (YES/NO)	
AMBULANCE RESPONSE (YES/NO)	
ADDITIONAL INFORMATION/COMMENTS	
<p>Failure to maintain the marks. Excavator was digging on an expired ticket #:1210192105 Nipsco emergency repair ticket 1211143078</p>	

NIPSCO 00717 IUPPSa 10/19/2012 14:33:04 1210192105-00A NORM NEW GRID

NORMAL NOTICE

Ticket : 1210192105 Date: 10/19/2012 Time: 14:20 Oper: CALEVI Chan:031

State: IN Cnty: ST JOSEPH Twp: PENN
Cityname: OSCEOLA Inside: N Near: Y
Subdivision:

CASE: 4119

Address : 10647
Street : MCKINLEY HWY
Cross 1 : WOODLAWN AVE Within 1/4 mile: Y
Location: LOCATE ENTIRE PROPERTY OUT TO THE RETENTION SWALE AND ENTIRE PROPERTY
-FROM THE NORTH BUILDING FROM THE NEW PANEL TO THE OLD PANEL

Grids : 4141C8604C
Boundary: n 41.689789 s 41.688396 w -86.074249 e -86.071083

Work type : DRAINAGE WORK AND ELECTRIC LINE BURIAL
Done for : JOHN FERGUSON
Start date: 10/23/2012 Time: 14:30 Hours notice: 96/48 Priority: NORM
Ug/Oh/Both: U Blasting: N Boring: N Railroad: N Emergency: N
Duration : 1 WEEK Depth: 3 FEET

Company : JOHN FERGUSON Type: HOME
Co addr : 10647 MCKINLEY HWY
City : OSCEOLA State: IN Zip: 46561
Caller : JOHN FERGUSON Phone: (574)320-6923
Contact : JOHN FERGUSON-CELL- Phone:
BestTime:
Mobile : (574)320-6923

Remarks : All tickets are taken and processed on Eastern Daylight Time
Will you be white-lining the dig site area? NO

:

Submitted date: 10/19/2012 Time: 14:20
Members: AEPIN COMCN ID1639 ID4866 NIPSCO SBCIN SM

NIPSCO 00931 IUPPSa 11/14/2012 15:51:52 1211142841-00A EMER DAMG GRID

DAMAGE SEE REMARKS

Ticket : 1211142841 Date: 11/14/2012 Time: 15:48 Oper: AHINES Chan:075

State: IN Cnty: ST JOSEPH Twp: PENN
Cityname: OSCEOLA Inside: N Near: Y
Subdivision:

Case: 4119

Address : 10647
Street : MCKINLEY HWY
Cross 1 : WOODLAWN AVE Within 1/4 mile: Y
Location: LOCATE ENTIRE PROPERTY OUT TO THE RETENTION SWALE AND ENTIRE PROPERTY
-FROM THE NORTH BUILDING FROM THE NEW PANEL TO THE OLD PANEL

Grids : 4141C8604C
Boundary: n 41.689789 s 41.688396 w -86.074249 e -86.071083

Work type : DRAINAGE WORK AND ELECTRIC LINE BURIAL
Done for : JOHN FERGUSON
Start date: 11/14/2012 Time: 15:49 Hours notice: 0/0 Priority: EMER
Ug/Oh/Both: U Blasting: N Boring: N Railroad: N Emergency: Y
Duration : 1 WEEK Depth: 3 FEET

Company : JOHN FERGUSON Type: HOME
Co addr : 10647 MCKINLEY HWY
City : OSCEOLA State: IN Zip: 46561
Caller : JOHN FERGUSON Phone: (574)320-6923
Contact : JOHN FERGUSON-CELL- Phone:
BestTime:
Mobile : (574)320-6923

Remarks : All tickets are taken and processed on Eastern Daylight Time
A GAS LINE HAS BEEN DAMAGED -- THE LINE BELONGS TO NIPSCO -- THE LINE IS BLOWING
-- CALLER CAN HEAR AND SMELL IT -- THE LINE WAS DAMAGED BY THE RETENTION SWALE
-- THE CALLER CAN NOT DESCRIBE THE LINE -- ADVISED CALLER TO CONTACT 911 -- CREW
IS ON SITE -- CALLER HAS CONTACTED THE UTILITY COMPANY -- PREVIOUS TICKET
1210192105

Will you be white-lining the dig site area? NO

:

Submitted date: 11/14/2012 Time: 15:48
Members: AEPIN COMCN ID1639 ID4866 NIPSCO SBCIN SM

Visual, Facility Exposed At Time Of Investigation

INVESTIGATOR STATEMENT/CAUSAL FACTORS:

Homeowner was digging on an expired ticket and did not call for area to be remarked.

NAMES OF UTILITY REPRESENTATIVES CONTACTED OR ON SITE AND STATEMENT:

n/a

NAMES OF EXCAVATOR'S REPRESENTATIVES CONTACTED OR ON SITE AND STATEMENT:

Jon Ferguson - Homeowner (574)-320-6923; Jon stated that he forgot to call for remarks and forgot the gas service was at.

LIST ANY OTHER INDIVIDUALS ON SITE:

n/a

WERE ANY MARKINGS VISIBLE ON THE DAMAGE SITE UPON ARRIVAL? No

WERE ANY OTHER INDICATORS OF FACILITY PRESENT IN THE AREA? Yes

WAS THE EXCAVATION WITHIN THE TOLERANCE ZONE OF MARKS? No

EXTENT OF FACILITY DAMAGE cut

REPLACEMENT FOOTAGE splice

WAS CONTRACTOR ASSISTANCE REQUIRED? IF YES, WHO? No n/a

WHAT CONTRACTOR EQUIPMENT WAS USED? n/a

IS THE FACILITY SHOWN ON THE UTILITY RECORDS? No

IF YES, PLEASE LIST RECORD #(S) n/a

NORTHERN INDIANA PUBLIC SERVICE COMPANY
FACILITY DAMAGE REPORT

** COMPLETE FORM FOR ALL DAMAGES TO NIPSCO FACILITIES **

REPORTING OPERATING AREA SO. BEND MAXIMO WO # _____

OPERATING AREA CONTACT _____ JOB ORDER # _____

TRACKING NUMBER 01820121114009 LOCATE REF # _____
Locate Performed By: _____

DATE AND TIME OF ACCIDENT 11/19 2012, P M DATE OF REPORT SAMS

PLACE OF DAMAGE (INCLUDE CITY) 10645 MCKINLEY HWY OSCEOLA IN

DAMAGE WAS TO:

ELECTRIC - POLE / TRANSFORMER: # _____ SIZE _____ YEAR INSTALLED _____ BROKEN YES () NO ()

OTHER (DESCRIBE) _____

GAS: SERVICE MAIN () SIZE 5/8" MATERIAL: PLASTIC STEEL () METER () REG STATION () STUB ()
OTHER (DESCRIBE) _____

DEPTH OF FACILITY (Inches) 20" PRESSURE (PSI) 35 Lbs.

RELEASE OF GAS: YES NO () IGNITION OF GAS: YES () NO EVACUATION REQUIRED: YES () # _____ NO

INTERRUPTION OF SERVICE: YES NO () NUMBER OF CUSTOMERS LOST: 10

DURATION OF INTERRUPTION: TIME REPORTED 1600 TIME RESTORED Retired

DIAMETER/MEASUREMENT OF HOLE IN GAS FACILITY: CJT

LOCATE MARKS ON SITE: YES () DISTANCE BETWEEN FACILITY AND LOCATE MARKS _____ NO
HOW LOCATED: PAINT () FLAGS () BOTH () WHITE LINED ()

PARTY THAT CAUSED DAMAGES (NAME) GERMAN CONCRETE (John)

ADDRESS OF PARTY (INCLUDE CITY) 10599 MCKINLEY HWY OSCEOLA

WHO WAS IN CHARGE OF THE WORK SITE AT TIME OF DAMAGE Same as Above

WITNESS NAME AND ADDRESS NONE

WITNESS REMARKS _____

AGENCIES NOTIFIED / ONSITE: POLICE () AGENCY _____ REPORT # _____

FIRE () AGENCY _____ REPORT # _____

OTHER () _____ Any Injuries? () YES # _____ NO

PHOTOS TAKEN: YES () NO TAKEN BY: _____ (ATTACH PHOTOS TO REPORT)
MEDIA ON SITE YES () NO ()

WORK IN PROGRESS WHEN FACILITY DAMAGED - CHECK APPROPRIATE CHOICE BELOW

- | | | | |
|--|-------------------------------------|--|---|
| <input type="checkbox"/> AGRICULTURE/FARMING | <input type="checkbox"/> CABLE TV | <input type="checkbox"/> CURB/SIDEWALK | <input type="checkbox"/> TELECOMMUNICATIONS |
| <input type="checkbox"/> BLDG CONSTRUCTION | <input type="checkbox"/> DEMOLITION | <input type="checkbox"/> DRAINAGE | <input type="checkbox"/> WATER |
| <input type="checkbox"/> DRIVEWAY | <input type="checkbox"/> ELECTRIC | <input type="checkbox"/> SURVEYING | <input type="checkbox"/> DRAINS/CULVERTS |
| <input type="checkbox"/> FENCING | <input type="checkbox"/> GRADING | <input checked="" type="checkbox"/> IRRIGATION | <input type="checkbox"/> MOWING |
| <input type="checkbox"/> LANDSCAPING | <input type="checkbox"/> PIPELINE | <input type="checkbox"/> MILLING | <input type="checkbox"/> OTHER _____ |
| <input type="checkbox"/> POLE/SIGN POST | <input type="checkbox"/> ROAD WORK | <input type="checkbox"/> SEWER | |

TYPE OF EQUIPMENT USED - CHECK APPROPRIATE CHOICE BELOW

- | | | |
|--|---|--|
| <input type="checkbox"/> AUGER | <input type="checkbox"/> HAND TOOLS | <input checked="" type="checkbox"/> BACKHOE/TRACKHOE |
| <input type="checkbox"/> MILLING EQUIPMENT | <input type="checkbox"/> PROBING DEVICE | <input type="checkbox"/> BORING / DRILLING |
| <input type="checkbox"/> EXPLOSIVES | <input type="checkbox"/> TRENCHER | <input type="checkbox"/> FARM EQUIPMENT |
| <input type="checkbox"/> VACCUUM EQUIPMENT | <input type="checkbox"/> GRADER | <input type="checkbox"/> OTHER _____ |

REASON DAMAGE OCCURRED - CHECK APPROPRIATE CHOICE BELOW

- | | | |
|--|--|--|
| <input type="checkbox"/> AUTOMOTIVE ACCIDENT | <input type="checkbox"/> EXCAVATING BEFORE LOCATES DUE | <input type="checkbox"/> CARELESS MACHINE OPERATOR |
| <input type="checkbox"/> NO NOTIFICATION | <input checked="" type="checkbox"/> MARKS DISTURBED | <input type="checkbox"/> STUB |
| | | <input type="checkbox"/> OTHER _____ |

• SEE REVERSE SIDE FOR COMMENTS AND DIAGRAM

COMMENTS :

PERSON PREPARING REPORT

Sarah VanderWerf #118512

FIELD SUPERVISOR

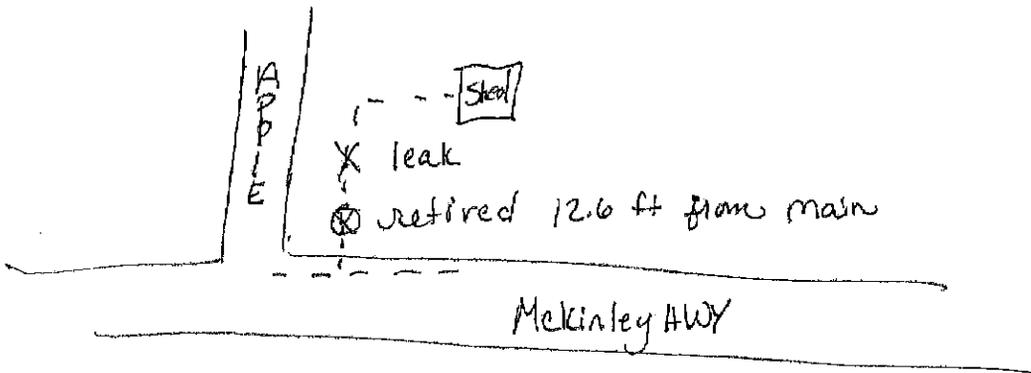
Gary Dodge

FIELD MANAGER

Rick Gray

- ORIGINAL REPORT AND SUPPORTING INFORMATION IS TO BE SENT TO FACILITY DAMAGE RECOVERY
- COPY OF REPORT IS TO BE SENT TO DAMAGE PREVENTION

SKETCH: - Show position of all pertinent information



FOR OFFICE USE ONLY:

- | | | |
|---|--------------------------------------|-------------------------------------|
| • DID EXCAVATION OCCUR BEFORE LOCATES WERE DUE | YES | <input checked="" type="radio"/> NO |
| • NO IN 811 LOCATE CALLED IN | <input checked="" type="radio"/> YES | NO |
| • DAMAGE CAUSED FROM EXCAVATION WITHIN 24" ZONE | <input checked="" type="radio"/> YES | NO |
| • EXPIRED LOCATE | YES | <input checked="" type="radio"/> NO |
| • WAS WHITE LINING INDICATED ON LOCATE REQUEST | YES | NO |

COMPLETED BY: _____ DATE: _____

From: john.gc@comcast.net
To: [IURC PipelineDamageCase](#)
Cc: john.gc@comcast.net
Subject: German Concepts - gas line damage
Date: Friday, January 25, 2013 10:24:29 AM
Attachments: [German Concepts Collision Center.tif](#)

Dear William Boyd,

Thank you for your extension on my response until after I returned from my trip. The incident occurred on 11/14/2012 at 10647,10645, 10643 McKinley Hwy Osceola, IN 46561. I am attaching a layout of the property to avoid any confusion. Every vendor or contractor seems to get confused on which building number to call the property.

I called 811 on Oct. 19th ticket #1210192105. Nipsco called on Oct. 26th ticket #1210260279. AEP had also been in there in that time frame and also had called it in. The property was well marked between all these calls. All the flags and spray marks were very visible. Any time we were close to a mark, we hand dug do avoid any damage. Where the incident took place (see attachment) there were no markings whatsoever for all the different locates called in. When the incident happened, the locator had difficulty at that time finding where the line was coming from so he could shut it off.

I believe that all caution was taken on our part. Multiple locates were called within a short period. The lines looked clearly marked but one was just missed multiple times. Unfortunately, we were the unlucky ones to hit it. I am requesting that we are released from any wrong doing regarding this incident. Thank you.

John Wesley Ferguson
German Concepts (business owner and property owner)
(property is under Resolve Mortgage and Finance, LLC)
(574) 320-6923

SEPTIC NOTES:

WASTEWATER USAGE - 300 GPD
 SOIL LOADING RATE - .80 GPD/SF
 REQUIRED TRENCH AREA - 500 S.F.
 REQUIRED LINEAL FEET OF 3' TRENCH - 167 FT.
 PROVIDED TRENCH AREA - 504 S.F.
 PROVIDED LINEAL FEET OF TRENCH - 168 FT.
 SEPTIC TANK TO HAVE ACCESS MANHOLE EXTENDED TO GRADE AND FITTED WITH A GAS TIGHT COVER
 ALL SURFACES AND OPENINGS TO BE SEALED WATER TIGHT TO PREVENT GROUNDWATER LEAKAGE.

NOTE: LOCATE SYSTEM OVER SOIL BORING LOCATION

- ① 1000 GALLON SEPTIC TANK AS MANUFACTURED BY HELLER INC. (OR EQUAL). TANK IS TO HAVE ALL SURFACES SEALED WATER TIGHT TO PREVENT GROUNDWATER LEAKAGE. TANK SHALL HAVE ACCESS MANHOLE EXTENDING TO GRADE MIN. DIA. OF 18" TO 24" FITTED WITH SAFELY SECURED GAS TIGHT COVER.
- ② 4" EFFLUENT DRAIN PVC ASTM-D 2665. MIN. SLOPE OF 1/32" PER FOOT.
- ③ CONCRETE DISTRIBUTION BOX
- ④ 4" UNPERFORATED DRAIN PIPE PVC ASTM-D 2665. SOIL AROUND PIPE TO BE COMPACTED TO PREVENT FRICTION OF EFFLUENT BETWEEN THE TRENCHES.
- ⑤ 4" PVC PERFORATED DRAIN PIPE HERTING ASTM-D 2723.

NOTE: SURFACE CONNECTIONS AND ACCESS TO ALL TANKS SHALL BE SEALED WATER TIGHT TO PREVENT BOTH GROUNDWATER AND SURFACE WATER LEAKAGE INTO THE SYSTEM.

⊕ SOIL BORING LOCATIONS

OWNER IS RESPONSIBLE FOR ASSURING THAT THE EXISTING BUILDING MEETS TO ALL CURRENT CODES REQUIREMENTS AND THAT THE PROPOSED ADDITION WILL NOT PUT THE EXISTING BUILDING INTO NON-COMPLIANCE WITH CURRENT CODES.

NOTE: PROTECT THE SITE OF THE PROPOSED ADDITION FIELD FROM COMPACTING, GRADING, OR FILLING PRIOR TO INSTALLATION. THE AREA MUST BE TEMPORARILY ISOLATED BY FENCING OR OTHER MEANS. ONLY DOMESTIC WASTEWATER CAN BE ROUTED TO THE SEPTIC TANK AND SYSTEM. NO FLOOR DRAIN IN KITCHEN OR REPAIR AREAS SHALL BE ALLOWED TO OUTLET TO SEPTIC SYSTEM.

CAPPED WHEN NOT IN USE. REMOVABLE ACCESS CAP. EXISTING GRADE.

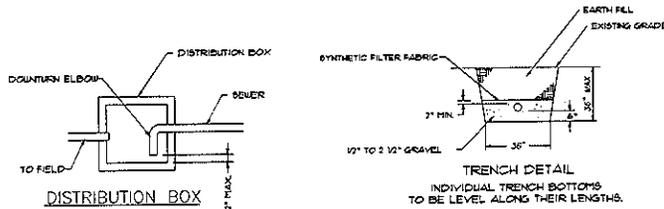


CLEAN-OUT DETAIL (C.O.)

NTS

NOTE: OWNER IS RESPONSIBLE FOR ASSURING THAT THE EXISTING BUILDING MEETS TO ALL CURRENT CODES REQUIREMENTS AND THAT THE PROPOSED ADDITION WILL NOT PUT THE EXISTING BUILDING INTO NON-COMPLIANCE WITH CURRENT CODES.

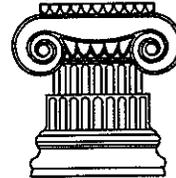
SITE NOTES:
 THE OWNER IS RESPONSIBLE FOR ALL SUBSURFACE CONDITIONS INCLUDING WEAK, LOOSE, OR UNSUITABLE SOIL, HIGH WATER TABLES, BURIED GASOLINE UTILITIES, ETC.
 THE ENGINEER HAS ASSUMED 3000 PSF SOIL BEARING.
 ALL UNSUITABLE SOIL SHALL BE REMOVED AND FILL COMPACTED TO MEET STANDARD PRACTICE.
 DRIVES, PARKING AND CURB CUTS ARE SCHEMATIC IN NATURE AND MUST BE VERIFIED BY OWNER AND/OR CONTRACTOR.
 ALL SITE DRAINAGE/RETENTION AREAS AND/OR SITE ELEVATIONS ARE SCHEMATIC IN NATURE. BARR DESIGN GROUP, LLC HAS NOT SURVEYED OR CIVIL ENGINEERS. IF SPECIFIC QUESTIONS SHOULD ARISE REGARDING ANY SITE DRAINAGE OR SITE ELEVATIONS, IT IS THE RECOMMENDATION OF BARR DESIGN GROUP, LLC THAT THE OWNER CONTACT A CIVIL ENGINEERING AND/OR SURVEYING FIRM TO ANALYZE THE PROPERTY.



NEW SEPTIC FOR:
GERMAN CONCEPTS

10647 MCKINLEY HWY.
 OSCEOLA, IN 46561
 SECTION 4, T37N, R4E,
 ST. JOSEPH COUNTY

Barr
Design Group, LLC



502 S. Main St.
 Goshen, IN 46526
 Tel: (574) 534-6531
 Fax: (574) 534-6565

GERMAN CONCEPTS
 SEPTIC PLAN



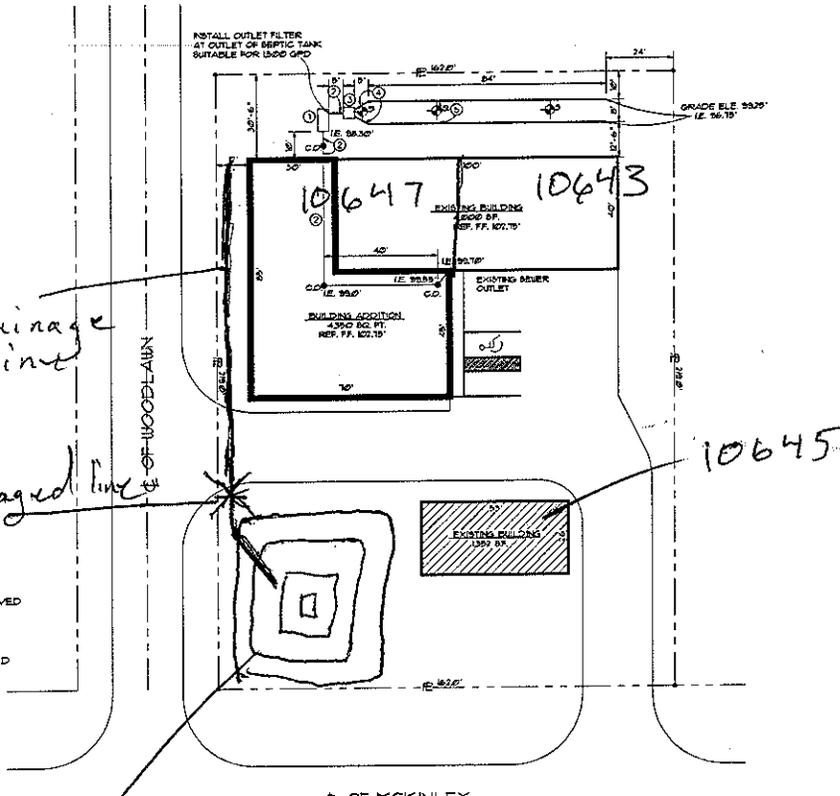
ALL DRAWINGS MUST BE FIELD VERIFIED BY THE CONTRACTOR. BARR DESIGN GROUP SHALL NOT BE RESPONSIBLE FOR ANY DIMENSIONAL DISCREPANCIES WHICH HAVE NOT BEEN BRANCHED TO THEIR ATTENTION PRIOR TO CONSTRUCTION.

The drawing and all information contained herein is the property of Barr Design Group, LLC and shall not be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Barr Design Group, LLC.

DRW BY: FB
 PLOT: 24652.DWG
 DATE: 9/2/12
 SCALE: 1"=20'-0"
 JOB NO: D-465

DATE	REVISION	DATE	REVISION

DWG. NO.
12-465-S1



Drainage Lines
Damaged line

Retention



9/17/12