

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*

April 2, 2008

To: Hamilton County Drainage Board

Re: Elizabeth Lynch Drain – Arcadia Christian Church Arm

Attached is a reconstruction petition filed by the Arcadia Christian Church along with an outlet request, plans, and calculations for the Elizabeth Lynch Drain – Arcadia Christian Church Arm to be located in Jackson Township, parcel #03-02-13-00-009.004. 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 be less than the benefits accruing to the owners of land likely to be benefited. The drain will consist of the following:

12" RCP from structure LD-1 to LD-2, LD-2 to LD-3, LD-3 to LD-4, LD-4 to LD-5.

12" RCP      1378 ft.

The total length of the drain will be 1378 feet

The new drain will be 1378 feet in length. The existing section of the Arm 1 of Arm 1 of the Elizabeth Lynch from station 30+50 to station 34+83 will be removed. This will remove 433 feet. Therefore 945 feet will be added to the overall length of the drain.

The description of the drain as shown on the construction drawings for the Arcadia Christian Church Addition prepared by Falcon Engineering, Job number 208.0, dated April, 2006, is as follows:

From structure LD-5 northwest, parallel to State Road 19 and 15' east of the State Road 19 Right-of-Way, 583 feet of 12" RCP to structure LD-4. From structure LD-4 northwest, 362 feet of 12" RCP to structure LD-3 where it intersects of Arm 1 of Arm 1 of the Elizabeth Lynch Drain at approximately station 34+83. From structure LD-3 northeast 423 feet, following the course of Arm 1 to Arm 1 of the Elizabeth Lynch Drain to Structure LD-2. From structure LD-2 north-northeast 10' to Structure LD-1 where it intersects the original tile of Arm 1 to Arm 1 of the Elizabeth Lynch Drain at station 30+50.

The petitioner has submitted surety for the proposed drain at this time. The surety which is in the form of a Performance Bond is as follows:

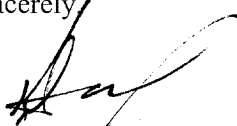
Agent: Bond Safeguard  
Date: September 19, 2007  
Bond Number: 5029400  
For: Storm Sewer  
Amount: \$29,337.00

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 statutory 150' regulated drain easement to 30 feet in width being 15' parallel from the centerline of the following described drain.

Beginning at the intersection of an existing 8 inch clay tile being the centerline of the Arm 1 of Arm 1 of the Elizabeth Lynch Drain, and a 12 inch RCP; thence southerly along the centerline 12 inch RCP to a point 15 feet south of the termination of the 12 inch RCP

I recommend the Board approve the proposed drain at this time.

Sincerely,



Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/llm

HAMILTON COUNTY DRAINAGE BOARD  
NOBLESVILLE, INDIANA

IN RE: \_\_\_\_\_ )  
Hamilton County, Indiana )

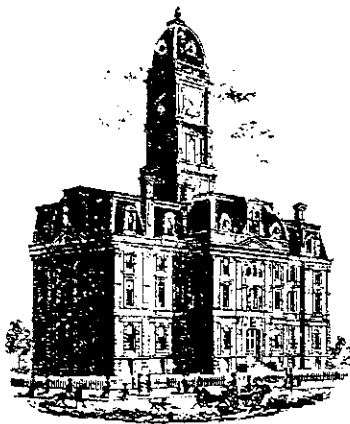
PETITION FOR RELOCATION AND RECONSTRUCTION

\_\_\_\_\_ Arcadia Christian Church \_\_\_\_\_ (hereinafter "Petitioner"),  
hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a  
section of the \_\_\_\_\_ Elizabeth Lynch Regulated \_\_\_\_\_ Drain, and in support of  
said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the \_\_\_\_\_ Elizabeth Lynch Regulated \_\_\_\_\_ Drain runs.
2. Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains, sanitary sewers and other structures.
3. Petitioner's proposed development of its real estate will require relocation and reconstruction of a portion of the \_\_\_\_\_ Elizabeth Lynch Regulated \_\_\_\_\_ Drain, as specifically shown on engineering plans and specifications filed with the Hamilton County Surveyor.
4. The work necessary for the proposed relocation and reconstruction will be undertaken at the sole expense of the Petitioner and such work will result in substantial improvement to the \_\_\_\_\_ Elizabeth Lynch Regulated \_\_\_\_\_ Drain, without cost to other property owners on the watershed of the \_\_\_\_\_ Elizabeth Lynch Regulated \_\_\_\_\_ Drain.
5. Proposed relocation and reconstruction will not adversely affect other land owners within the drainage shed.
6. Petitioner requests approval of the proposed relocation and reconstruction under IC 36-9-27-52.5.

WHEREFORE, Petitioner requests that an Order issued from the Hamilton County Drainage Board authorizing relocation and reconstruction of the \_\_\_\_\_ Elizabeth Lynch Regulated \_\_\_\_\_ Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.

Paul Boas Chairman of Board  
Signed  
PAUL BOAS  
Printed



KCW

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

**To: Hamilton County Drainage Board**

**January 21, 2011**

**Re: Elizabeth Lynch Drain: Arcadia Christian Church Arm**

Attached are as-builts, certificate of completion & compliance, and other information for Arcadia Christian Church Arm. 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 April 2, 2008. The report was approved by the Board at the hearing held May 27, 2008. (See Drainage Board Minutes Book 11, Pages 153-154) The changes are as follows: The 12" RCP was lengthened from 1378 to 1380 feet. The length of the drain due to the changes described above is now **1380 feet**. It should be noted that the original tile was removed between Sta. 3+73 to Sta. 8+06. Therefore, the overall watershed was lengthened by 947 feet.

The easements were outlined in my above mentioned report to the board. This report was approved and the easement width between Structures LD5 to LD3 shall be 30 feet in total width. It should be noted that a non-enforcement was not requested for this project.

The following sureties were guaranteed by Bond Safeguard and released by the Board on its May 27, 2008 meeting.

**Bond-LC No:** 5029400  
**Insured For:** Storm Sewers

**Amount:** \$29,337.00  
**Issue Date:** September 19, 2007

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

Sincerely,

Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/slm

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: *Arcadia Christian Church*  
*26901 SR 19*  
*Arcadia, IN 46030*

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: *James K. Shinneman* Date: *4/04/08*

Type or Print Name: *James K. Shinneman*

Business Address: *Weibe Engineers Inc, 10505 N. College Avenue,*  
*Indianapolis, IN. 46280*

Telephone Number: *(317) 846-6611*

SEAL

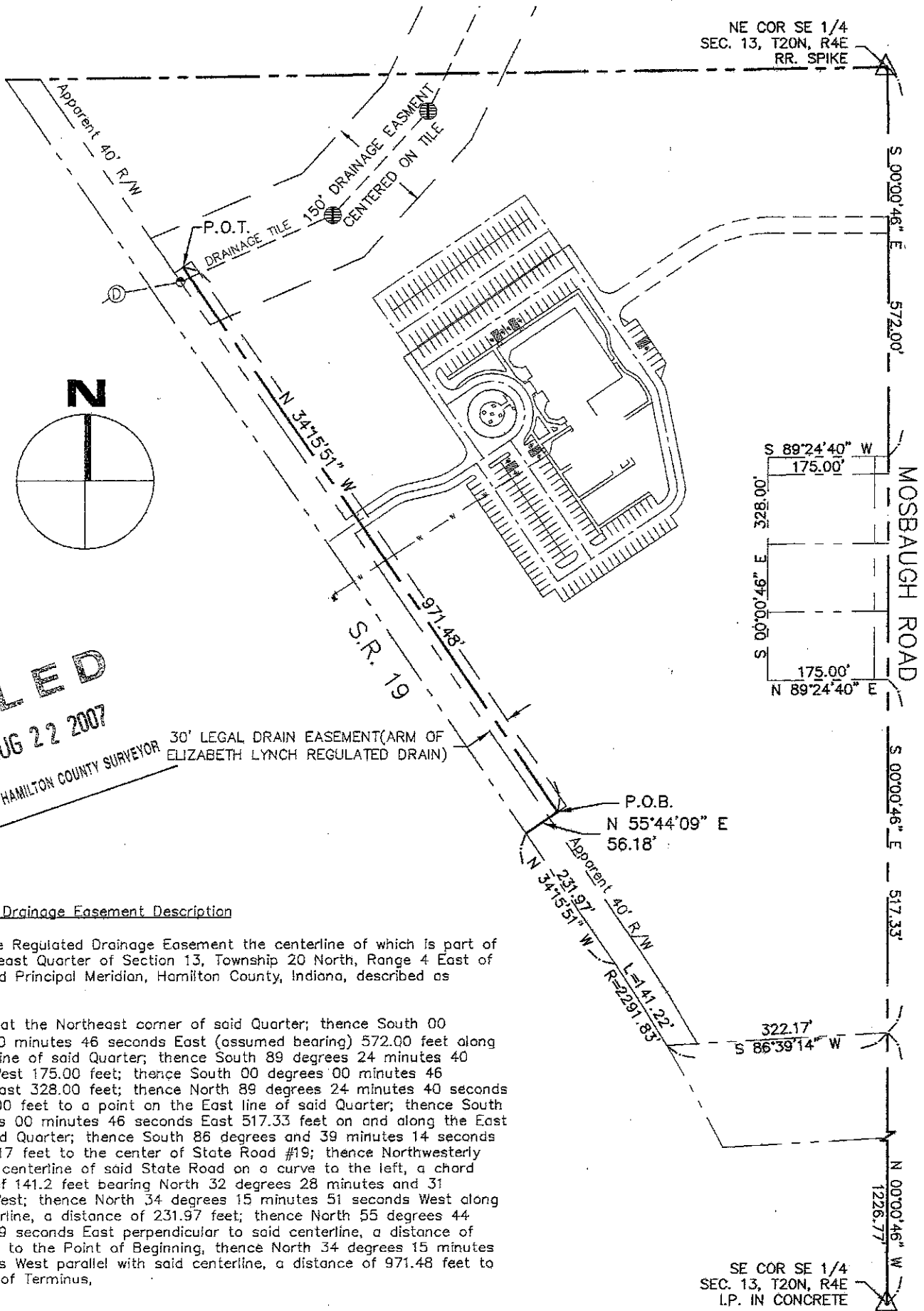


INDIANA REGISTRATION NUMBER

*10200392 PE*

"EXHIBIT A"

NE COR SE 1/4  
SEC. 13, T20N, R4E  
RR. SPIKE



**FILED**  
AUG 22 2007

OFFICE OF HAMILTON COUNTY SURVEYOR

30' LEGAL DRAIN EASEMENT (ARM OF ELIZABETH LYNCH REGULATED DRAIN)

Regulated Drainage Easement Description

A 30' wide Regulated Drainage Easement the centerline of which is part of the Southeast Quarter of Section 13, Township 20 North, Range 4 East of the Second Principal Meridian, Hamilton County, Indiana, described as follows:

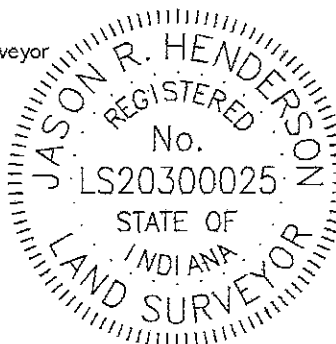
Beginning at the Northeast corner of said Quarter; thence South 00 degrees 00 minutes 46 seconds East (assumed bearing) 572.00 feet along the East line of said Quarter; thence South 89 degrees 24 minutes 40 seconds West 175.00 feet; thence South 00 degrees 00 minutes 46 seconds East 328.00 feet; thence North 89 degrees 24 minutes 40 seconds East 175.00 feet to a point on the East line of said Quarter; thence South 00 degrees 00 minutes 46 seconds East 517.33 feet on and along the East line of said Quarter; thence South 86 degrees and 39 minutes 14 seconds West 322.17 feet to the center of State Road #19; thence Northwesterly along the centerline of said State Road on a curve to the left, a chord distance of 141.2 feet bearing North 32 degrees 28 minutes and 31 seconds West; thence North 34 degrees 15 minutes 51 seconds West along said centerline, a distance of 231.97 feet; thence North 55 degrees 44 minutes 09 seconds East perpendicular to said centerline, a distance of 56.18 feet to the Point of Beginning, thence North 34 degrees 15 minutes 51 seconds West parallel with said centerline, a distance of 971.48 feet to the Point of Terminus,

CERTIFICATION

I, the undersigned, hereby certify to the best of my professional knowledge information and belief the within exhibit accurately represents work performed under my direct supervision, and that said work was executed in accordance with Title 865 article 1 chapter 12, of the Indiana Administrative Code establishing minimum standards for the practice of land surveying in Indiana.

Certified: September 1st, 2006

Jason R Henderson, Registered Land Surveyor  
No. LS20300025, State of Indiana



Arcadia Christian Church  
Drainage Easement  
Arcadia, Indiana

1" = 200'

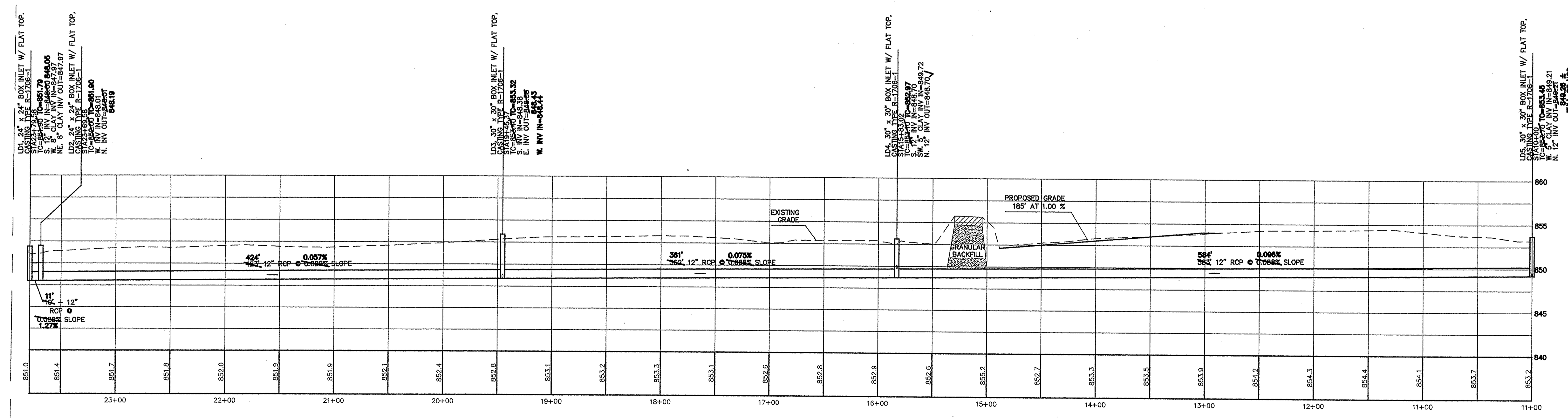
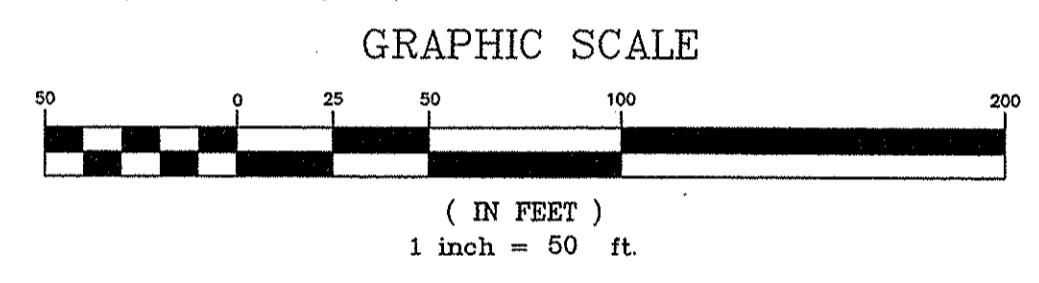
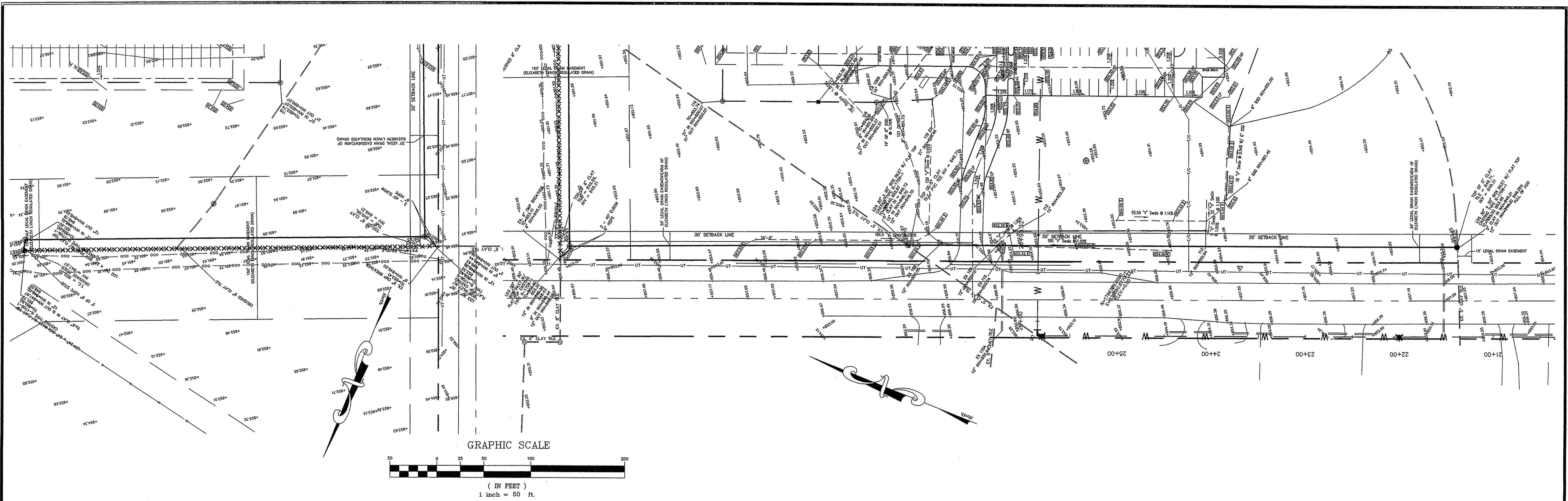
9-1-06

Job. 208

PAGE 1 OF 1

**falcon**  
ENGINEERING, INC.

13110 Promise Road, Fishers, IN 46038  
Phone: (317) 841-3141 Fax: (317) 841-9951



LD1, 24" x 24" BOX INLET W/ FLAT TOP.  
 CASING TYPE R-1708-1  
 TO BE SET AT  
 TO INV. INVERT = 849.00  
 TO INV. INVERT = 849.00  
 NE 8" CLAY INV. OUT = 847.97  
 TO BE SET AT  
 TO INV. INVERT = 849.00  
 TO INV. INVERT = 849.00  
 W. INV. OUT = 848.19

LD2, 24" x 24" BOX INLET W/ FLAT TOP.  
 CASING TYPE R-1708-1  
 TO BE SET AT  
 TO INV. INVERT = 851.90  
 TO INV. INVERT = 851.90  
 W. INV. OUT = 848.19

LD3, 30" x 30" BOX INLET W/ FLAT TOP.  
 CASING TYPE R-1708-1  
 TO BE SET AT  
 TO INV. INVERT = 853.32  
 TO INV. INVERT = 853.32  
 E. INV. OUT = 849.72  
 W. INV. INVERT = 848.74

LD4, 30" x 30" BOX INLET W/ FLAT TOP.  
 CASING TYPE R-1708-1  
 TO BE SET AT  
 TO INV. INVERT = 852.97  
 TO INV. INVERT = 852.97  
 S. INV. INVERT = 849.72  
 N. INV. OUT = 848.74

LD5, 30" x 30" BOX INLET W/ FLAT TOP.  
 CASING TYPE R-1708-1  
 TO BE SET AT  
 TO INV. INVERT = 853.46  
 TO INV. INVERT = 853.46  
 N. INV. OUT = 849.21  
 W. INV. OUT = 848.29  
 FULL OF H2O

- Legend**
- Sanitary Sewer With Manhole and 6" Lateral.
  - Storm Sewer with Inlet.
  - B.S.L. Building Setback Line.
  - R/W Existing Right-of-Way
  - MFPG Minimum Flood Protection Grade.
  - \* Handicap Curb Ramp Location (ADA Standards Apply)

**"DON'T DIG BLIND"**  
**"IT'S THE LAW"**

INDIANA UNDERGROUND PROTECTION SERVICE, INC.  
 Call 1-800-382-5544  
 2 Working Days Before You Dig.

**ALVIN E. SKOOG, JR.**  
 No. 880573  
 STATE OF INDIANA  
 REGISTERED PROFESSIONAL ENGINEER  
 3/14/2008

**RECORD DRAWING CERTIFICATION**

Certified By: *Alvin E. Skoog, Jr.*

Representing Falcon Engineering, Inc.  
 I, the above signed, certify that to the best of my professional knowledge, information and belief, the locations, elevations and easements concerning storm and sanitary sewers were performed under my direct supervision.  
 NOTE: 1) Slope percentage shown represents a calculated figure. Sanitary sewer lateral stations and lateral lengths were drawn from the field location of the lateral (provided by the sanitary sewer contractor) to the "we" per the sewer camera contractor's notes. 2) All storm sewers and sanitary sewers are located within designated easements.

STRUCTURES LD1 THROUGH LD5

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.  
 Entry Date: 1-21-2011  
 Entered By: SLM

**BENCHMARK**  
 PER CONSTRUCTION PLANS CERTIFIED ON 11-22-00, BY THE SCHNEIDER CORPORATION.  
 BM #1  
 RR SPIKE FOUND IN 36" TREE LOCATED ON THE WEST SIDE OF THE SITE, NEAR STATE ROAD 19, ELEVATION = 855.28'

**ALVIN E. SKOOG, JR.**  
 No. 880573  
 STATE OF INDIANA  
 REGISTERED PROFESSIONAL ENGINEER  
 11/17/06

No.	Date	Revision
1	8/22/06	Added Sheet Per HCSO
2	8/28/06	Per HCSO Comments
3	11/02/06	Per HCSO Comments
4	11/17/06	Per HCSO Comments
5	1/11/08	As-Built Storm Added
6	3/14/08	As-Built Storm Added Cstgs

**falcon ENGINEERING, INC.**  
 13110 Promise Road, Fishers, IN 46038  
 Phone: (317) 841-3141 Fax: (317) 841-9951

Storm Sewer Plan & Profiles				Date
<b>Arcadia Christian Church Addition</b>				April, 2006
Design By	Drawn By	Checked By	Approved By	Job No.
MFH	MFH	AES	AES	208.0
Scale 1" = 50'				Sheet No.
				8 of 20