Drain: SPRINGMILL STREAM	S DRAN	Drain #:_ <u>/</u> 59
Improvement/Arm: Cu	ATBRIDGE AT SP	UNG MILL -SECTION A
Operator: Joh		Date:_7-/3-09
Drain Classification:	<u>Urban/</u> Rural	Year Installed: 1989

GIS Drain Input Checklist

- Pull Source Documents for Scanning
 Digitize & Attribute Tile Drains
 Digitize & Attribute Storm Drains
 Digitize & Attribute SSD
 Digitize & Attribute Open Ditch
 Stamp Plans
 Sum drain lengths & Validate
 Enter Improvements into Posse
- Enter Drain Age into Posse
- Sum drain length for Watershed in Posse
- Check Database entries for errors

Att.
JH. N/A
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910

<u>Gasb 34 Footages for Historical Cost</u> <u>Drain Length Log</u>

Drain-Improvement: SPRINGMILL STREAMS DRAW - CLANDRIDGE AT SPRINGMILL-SECTION 4

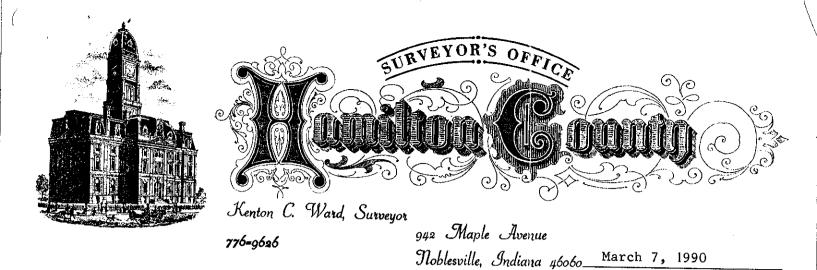
Drain Type:	Size:	Length SURVER	Length (DB Query)	Length Reconcile	Price:	licable Cost:
550	6"	1835	1835'	6		
	84	512'	SIZ'	Ø		
Cmp RCP	8"	10'	10'	ø		
RCP	124	1,420'	1.420'	ø		
	154	710 1	210'	ø		
	18"	1580'	1580'	ø		
	244	64'	64'	q		
Char	72 ''	114'	114'	2		
OPEN DITCH		570'	570'	x		
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Sum:

<u>6815' 6815' p</u>

Final Report:_

Comments:



TO: Hamilton County Drainage Board RE: Springmill Streams Drain; Claybridge at Springmill Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Claybridge at Springmill Arm of the Springmill Streams 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 the 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 benefitted. The drain will consist of the following:

6" S	SSD 2050	FT	18"	RCP	1580	FT
8" S	SSD 370	FT	24"	RCP	24	FT
8" C		FT 🗸	Oper	Ditch	570	FT
12" R	RCP 1320	FT	72" 48"	CM?	114	FT 🗸
15" R	RCP 758	FT				

The total length of the drain will be 6796 Feet.

The portions of the open ditch listed above are those located downstream of the dam from the outlet of the 72" CMP to the east line of Block A on Elliot Creek between Lots 6 and 7 from STR 617 to the Almond Ditch, open ditch sections between lakes and between the east end of the structure under Clay Center Road to the first lake on Elliot Creek.

The Almond Drain, which is the open ditch along the east side of lots 6, 7, 15 to 19, is now classified as regulated drain. This was done as part of Section 2 and 3 of Springmill Streams. (See report dated July 9, 1984.)

I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I recommend a maintenance assessment of \$20.00 per lot, \$2.00 per acre for roadways, with a \$20.00 minimum. With this assessment, the total annual assessment for the drain/this section will be 1293.78.

The dam located in Block A and the three lakes will not be part of the regulated drain. The maintenance of these facilities is the responsibility of the Homeowners Association. The 48" pipe through the dam will be part of the regulated drain along with storm drain outlets into the lakes.

The subsurface drains (SSD) which will become part of the regulated drain are those along the north line of lots 2 to 6; between lots 8, 9, 11, 12, and 14, along the south and east side of lot 44; along the north west line of lots 49, 50, and 51; along the west lines of lots 45, 46, 47 and 48; and along the south line of lots 38 and 39. The SSD laterals from the above described lines along with the SSD located alont the streets and under the dam are not included as regulated drain. The existing field tile under Clay Center Road at lot 46 along with all culverts under Clay Center Road and culvert for the drive for lot 56 will not be included as part of the regulated drain.

I recommend a hearing be set for May 1990. If approved at the hearing, the Board should also approve the non-enforcement request for this section.

Kenton C. Ward-County Surveyor

KCW/jb

Fidelity and Deposit Company

HOME OFFICE

٢,

OF MARYLAND

HAS Expired hit #3029 59 86 Bur Release

BALTIMORE, MD. 21203

SUBDIVISION BOND

KNOW ALL MEN BY THESE PRESENTS, That we, Central Engineering & Construction Corp. as Principa and Fidelity and Deposit Company of Maryland, of Baltimore, Maryland, as Surety, are held and firmly bound unto the Hamilton County Board of Commissioners as Principal, in the sum of One Hundred Twenty Three Thousand Nine Hundred Fifteen (\$123,915.00) Dollars for the payment of which, well and truly to be made, we jointly and severally bind ourselves, our heirs, legatees, executors, administrators, personal representatives, successors and assigns firmly by these presents. 15th Sealed with our seals and dated this day of 19 89 November THE CONDITIONS OF THE ABOVE OBLIGATION ARE SUCH THAT:

Whereas, the Hamilton County Board of Commissioners

has granted Central Engineering & Construction Corp. a permit to construct Storm Sewer, Claybridge at pringmil

Now, if said Central Engineering & Construction Corp. shall improve said <u>Storm Sewer, Claybridge at Springmill</u> in accordance with specifications and regulations of the

Hamilton County Board of Commissioners and comply with all of the provisions of said permit then this obligation to be void, otherwise to be and remain in full force and effect.

CENTRAL ENGINEERING & CONSTRUCTION CORP.

BY

FIDELITY AND DEPOSIT COMPANY OF MARYLAND

Attorney-in-Fact

Power of Attorney

FIDELITY AND DEPOSIT COMPANY OF MARYLAND

HOME OFFICE, BALTIMORE, MD

KNOW ALL MEN BY THESE PRESENTS: That the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, a corporation of the State of Maryland, by C. M. PECOT, JR. , Vice-President, and C. W. ROBBINS Assistant Secretary, in pursuance of authority granted by Article VI, Section 2, of the By-Laws of said Company, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, does hereby nominate, constitute and appoint Jan L. Jacobs, William E. Rick, Jr. Speven E. Wolf, Anthony E. Ortman, Delores Koch, Clara Lu Day and Anorew M. Hatheway, all of Indianapolis, Indiana, EACH its true and lawful agent and Attorney-in-Fact, to make, execute seal and deliver, for, and on its behalf as surety, and as its act and deed: ₩.

And the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Company, as fully and amply, to all intents and purposes, as if they had been duly excented and acknowledged by the regularly elected officers of the Company at its office in Baltimore, Md., in their own prove persons. This power of attorney revokes that issued on behalf of Jan L Pacobs, etc., dated, December 9, 1985.

The said Assistant Secretary does hereby wartily that the extract set forth on the reverse side hereof is a true copy of Article VI, Section 2, of the By-Laws of said Company, and is now in force. IN WITNESS WHEREOF, the said Vice Gesident and Assistant Secretary have hereunto subscribed their names and affixed the

Corporate Seal of the said FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this_ 8th A.D. 19_87 .dav of

FIDELIT DEPOSIT COMPANY OF MARYLAND ATTEST: STATE OF MARYLAND **3S**: CITY OF BALTIMORE

On this 8th day of June , A.D. 19 87, before the subscriber, a Notary Public of the State of Maryland, in and for the City of Baltimore, duly commissioned and qualified, came the above-named Vice-President and Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and they each acknowledged the execution of the same, and being by me duly sworn, severally and each for himself deposeth and saith, that they are the said officers of the Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and that the said Corporate Seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal, at the City of Baltimore, the day and year first above written.



Notary Public Commission Expires_Jul 1990

CERTIFICATE

I, the undersigned, Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the original Power of Attorney of which the foregoing is a full, true and correct copy, is in full force and effect on the date of this certificate; and I do further certify that the Vice-President who executed the said Power of Attorney was one of the additional Vice-Presidents specially authorized by the Board of Directors to appoint any Attorney-in-Fact as provided in Article VI, Section 2, of the By-Laws of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND.

This Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 16th day of July, 1969.

RESOLVED: "That the facsimile or mechanically reproduced signature of any Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed."

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the said Company, this 15th November day of... . 19 89

britopher T.

Assistant Secretary

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044

CERTIFICATE OF COMPLETION AND COMPLIANCE

- TO: HAMILTON COUNTY SURVEYOR
- RE: Claybridge Subdivision
- I hereby certify that:
- 1.) I am a Registered Land Surveyor 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, and
- 4.) To the best of my knowledge, information and belief, the Drainage Facilities within the subdivision has been installed and completed in conformity with all plans and specifications, except as noted on the "Record Drawings".

Signature: Date: October 23, 1989 Type or Printed Name: Joseph A. Sharp

Business Address: 7172 Graham Road

Indianapolis, IN 46250

Telephone: (317) 842-6777

INDIANA REGISTERED NUMBER

15179

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Re: Springmill Streams Drain - Claybridge at Springmill Arm

Attached are as-builts, certificate of completion & compliance, and other information for Claybridge at Springmill Sec. 1. 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 March 7, 1990. The changes are as follows: The corrected totals are: 12" RCP - 1420³ feet; 15" RCP - 710³ feet; 24" RCP - 64² feet; 6" SSD - 1835 feet; 8" SSD - 512' feet. The 48"CMP is a 72" CMP at 114' feet in length.

The length of the drain due to the changes described above is now 6,815 feet.

The non-enforcement was approved by the Board at its meeting on May 21, 1990 and recorded under instrument #9016785.

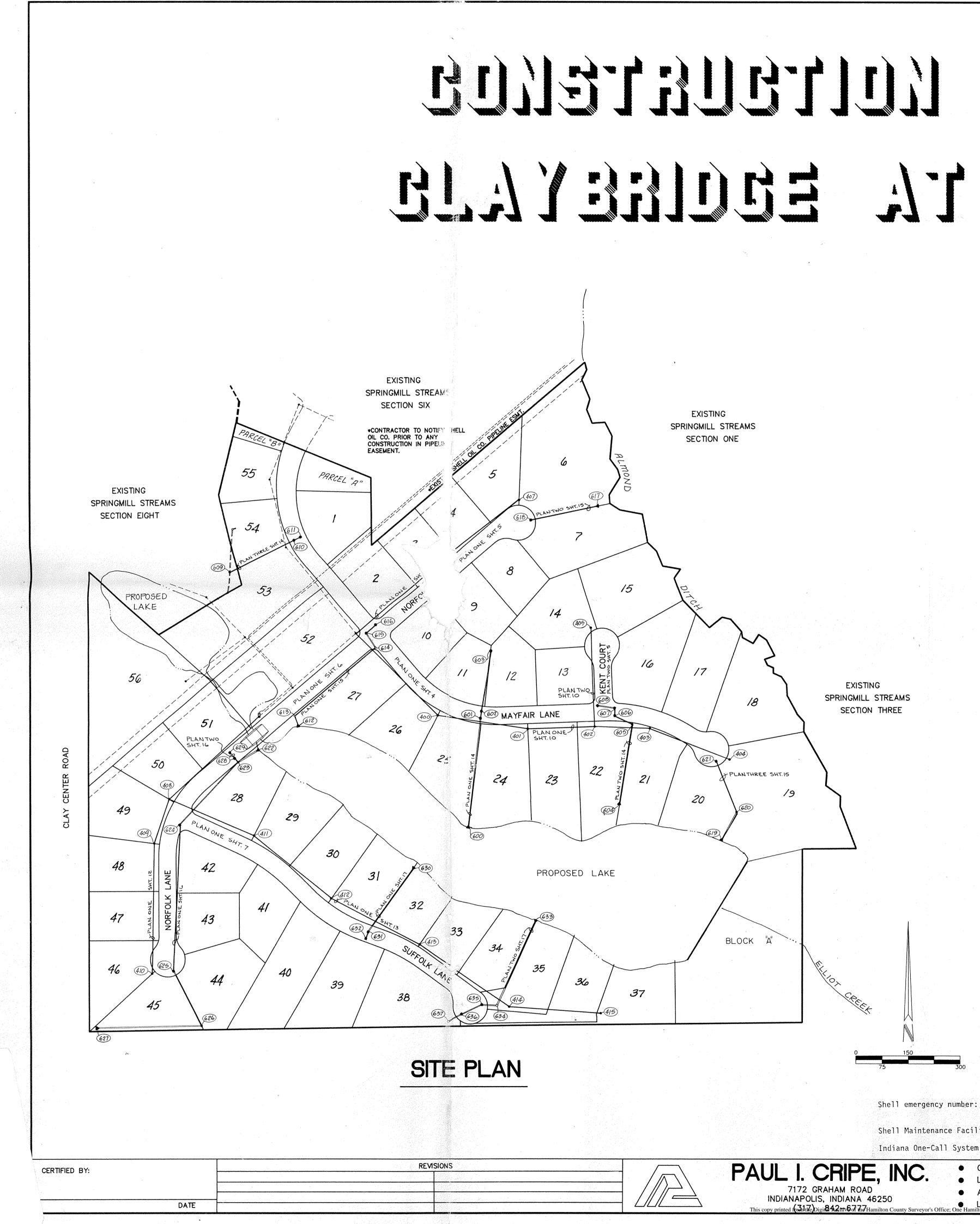
The bond or letter of credit from Fidelity and Deposit Co. of Maryland, number 30295986, dated November 15, 1989, in the amount of \$123,915.00, has expired.

I recommend the Board approve the drains construction as complete and acceptable.

Sincerely, Kenton C. Ward

Hamilton County Surveyor

KCW/slm

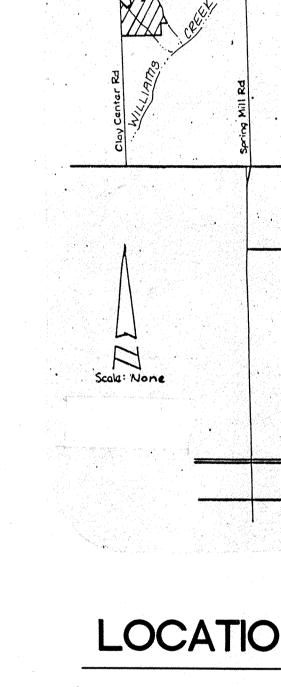


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1-800-634-4325 or

618-254-7467 Shell Maintenance Facility: 317-872-5113

Indiana One-Call System: 1-800-382-5544



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SITE WORK GENERAL NOT NOTICES AND PERMITS

A. THE CONTRACTOR SHALL BE RESPO THAT ALL PERMITS AND APPROVALS AF COUNTY AND STATE AGENCIES PRIOR

B. IT SHALL BE THE CONTRACTORS RE LOCATION OF ALL EXISTING UTILITIES IN AREA PRIOR TO STARTING CONSTRUCTION

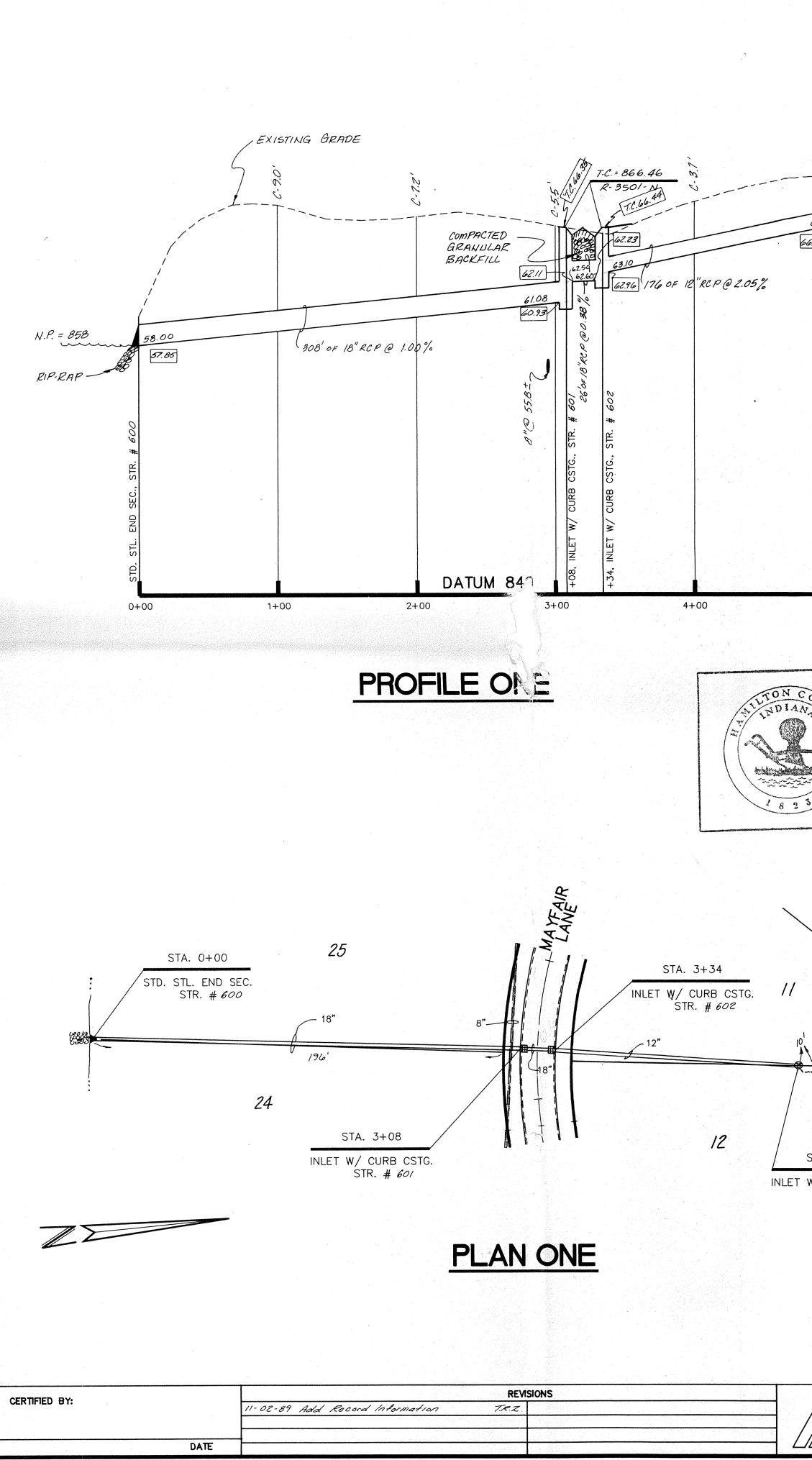
C. IT SHALL BE THE CONTRACTORS RE COORDINATION OF ALL CONSTRUCTION

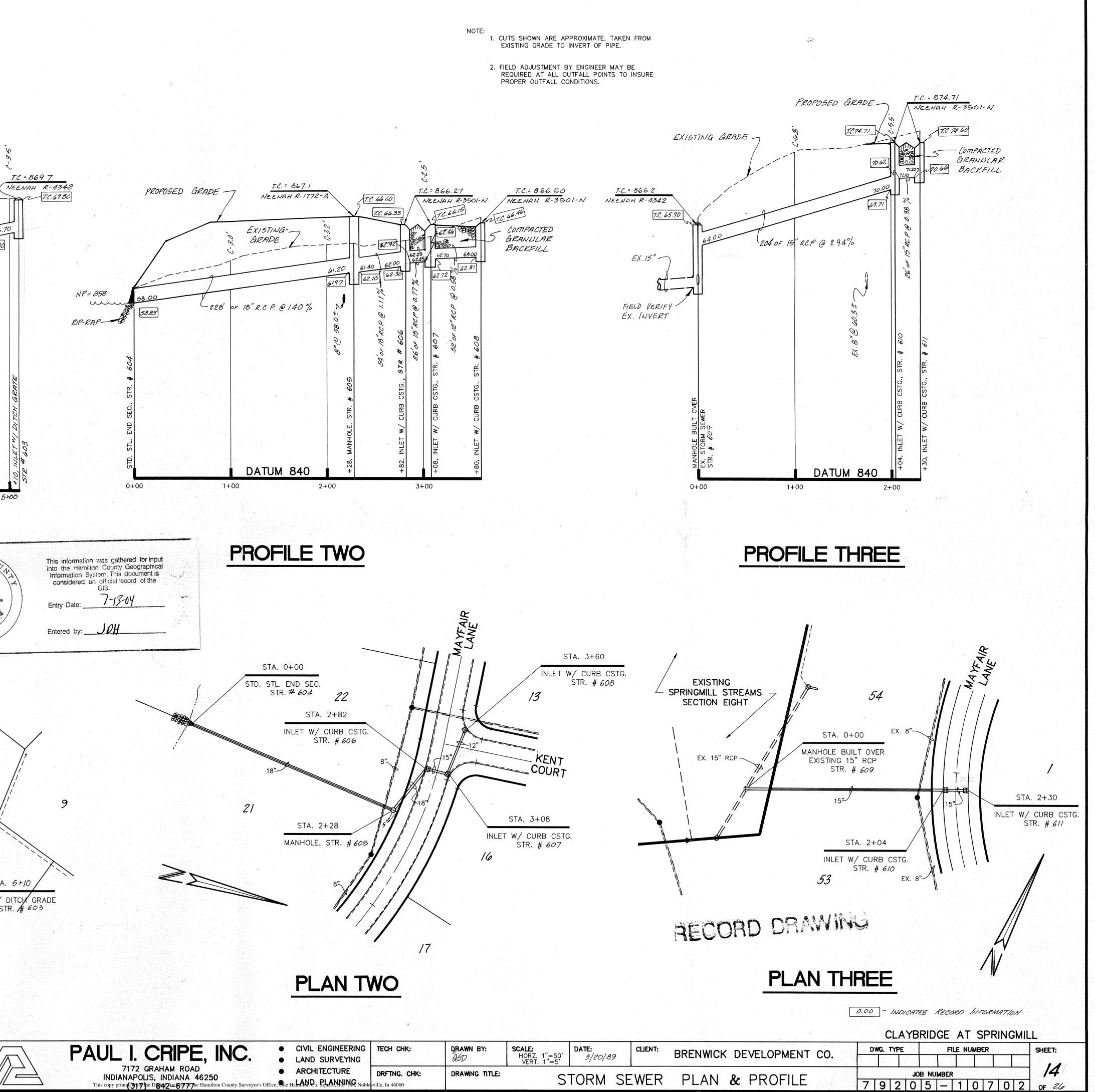
D. IT SHALL BE THE RESPONSIBILITY OF MAINTAIN QUALITY CONTROL THROUGHO RESULT IN REMOVAL AND REPLACEMEN RECOMMENDED THAT THE DEVELOPER SITE AT ALL TIMES DURING CONSTRUCT

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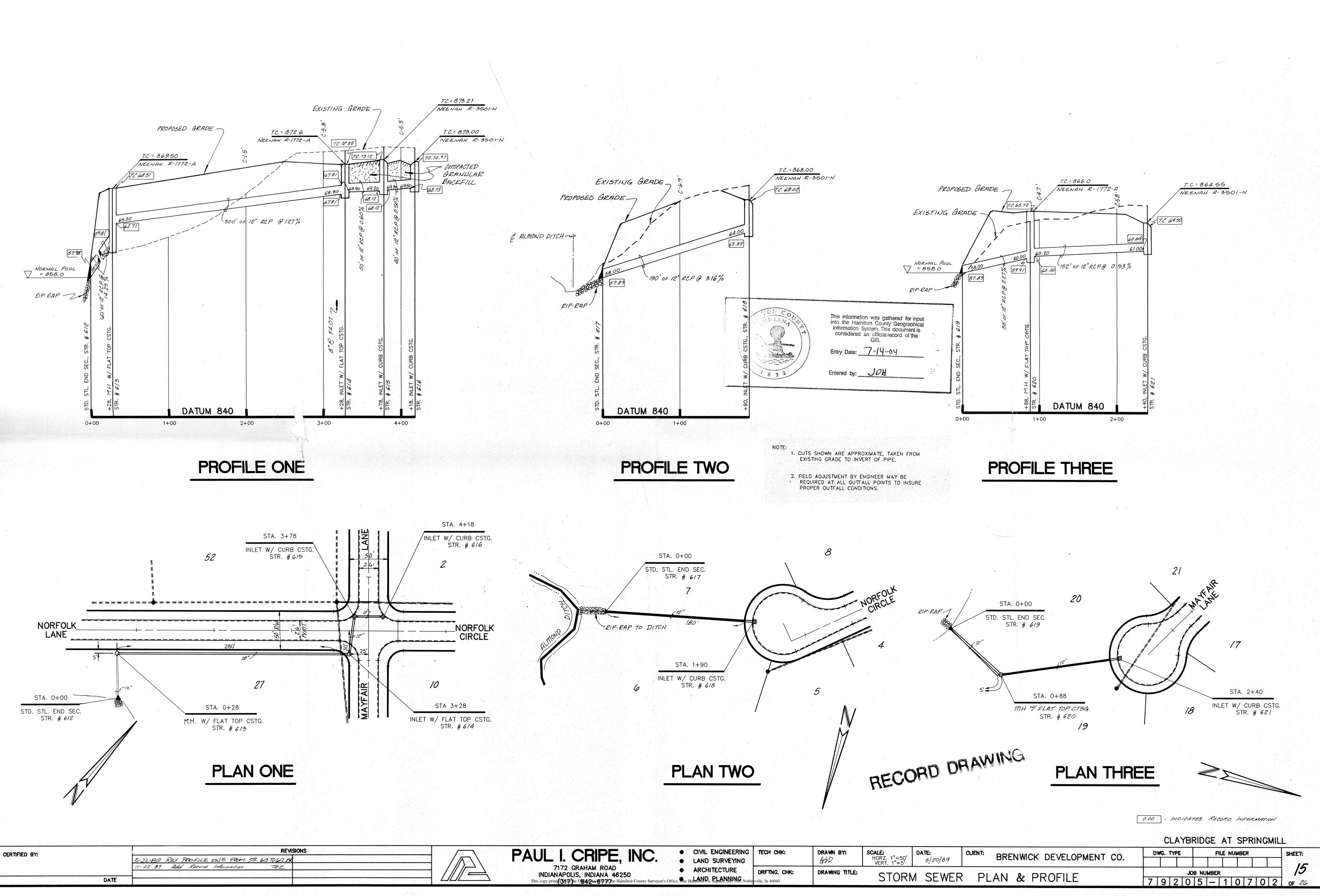




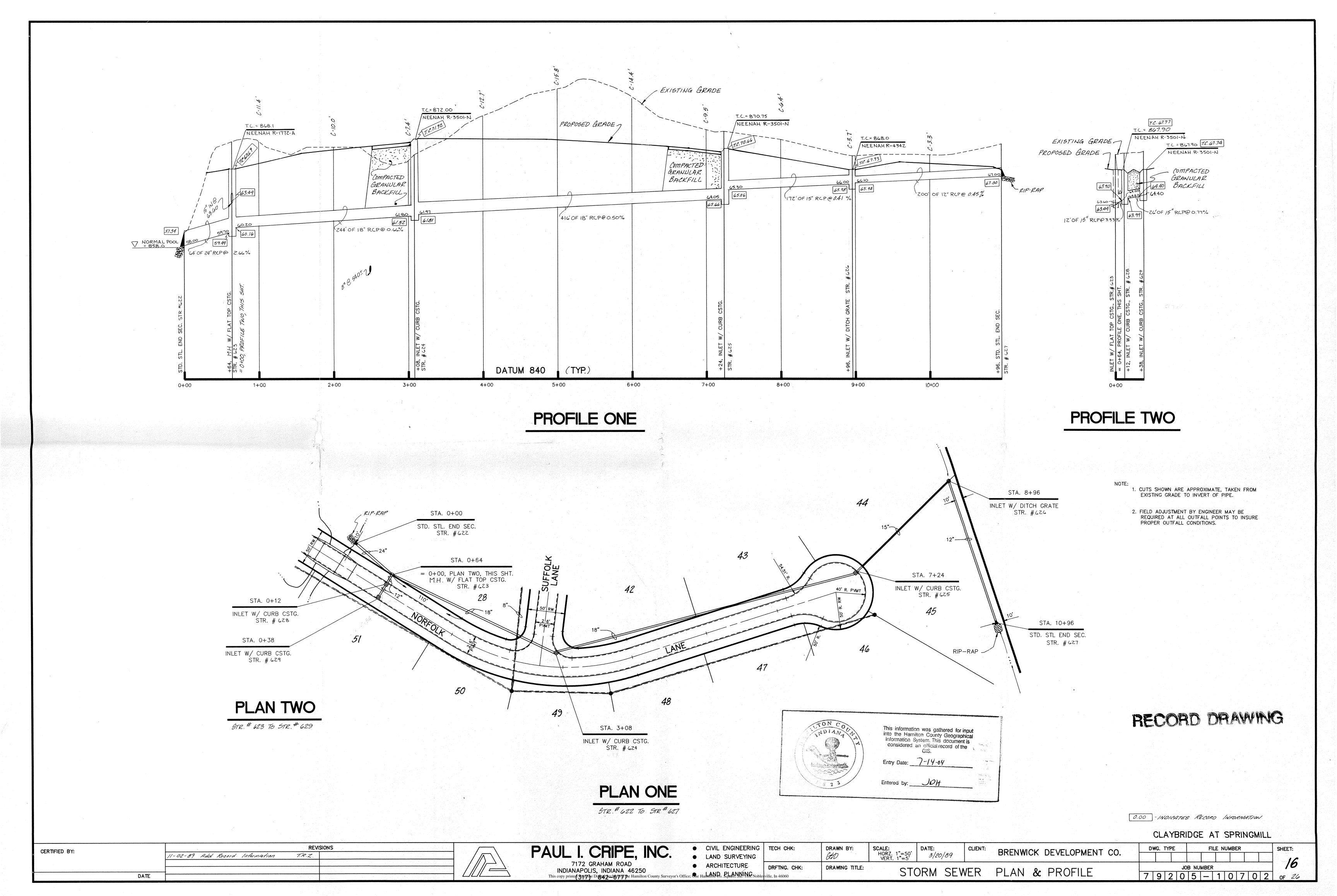
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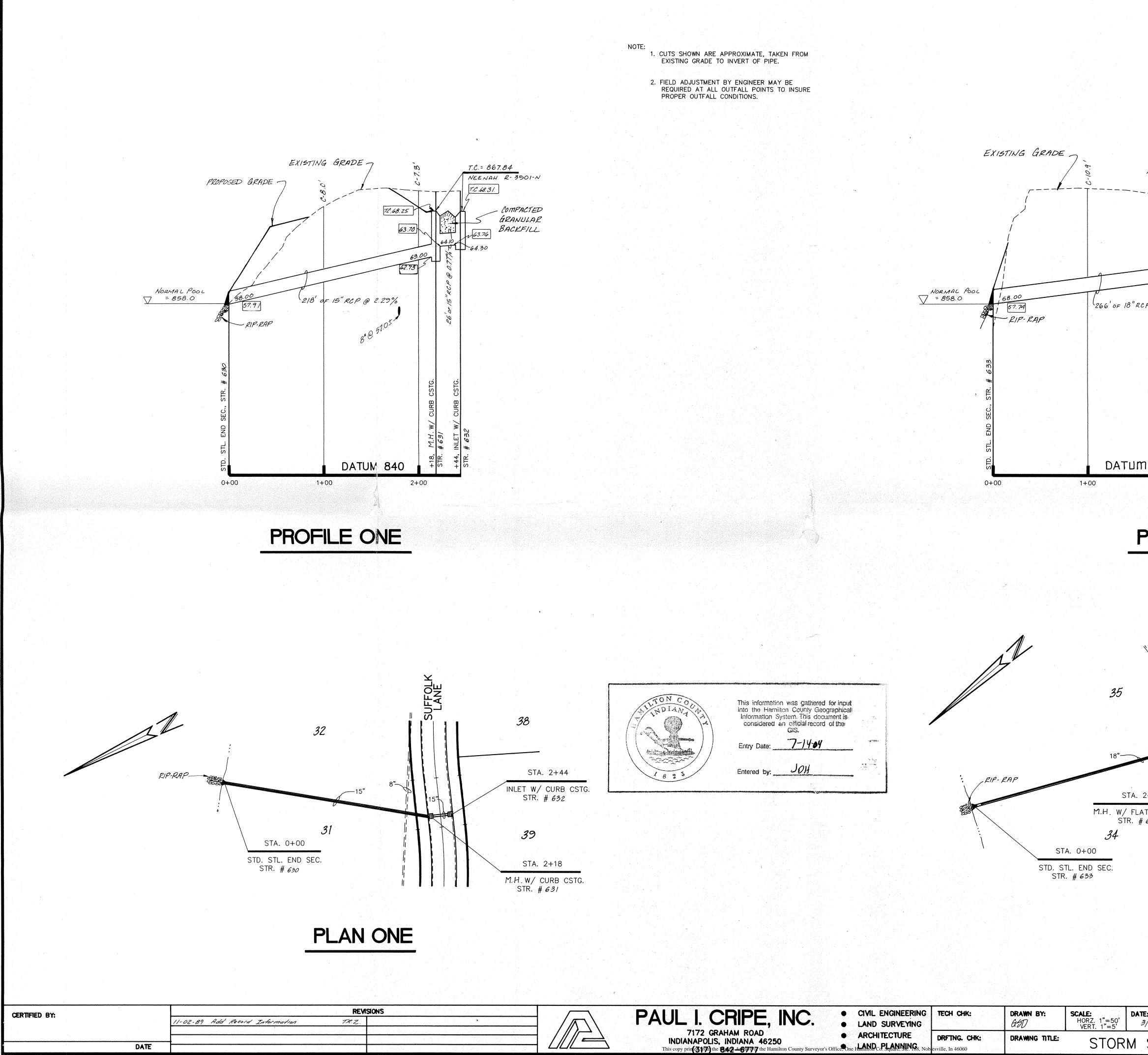
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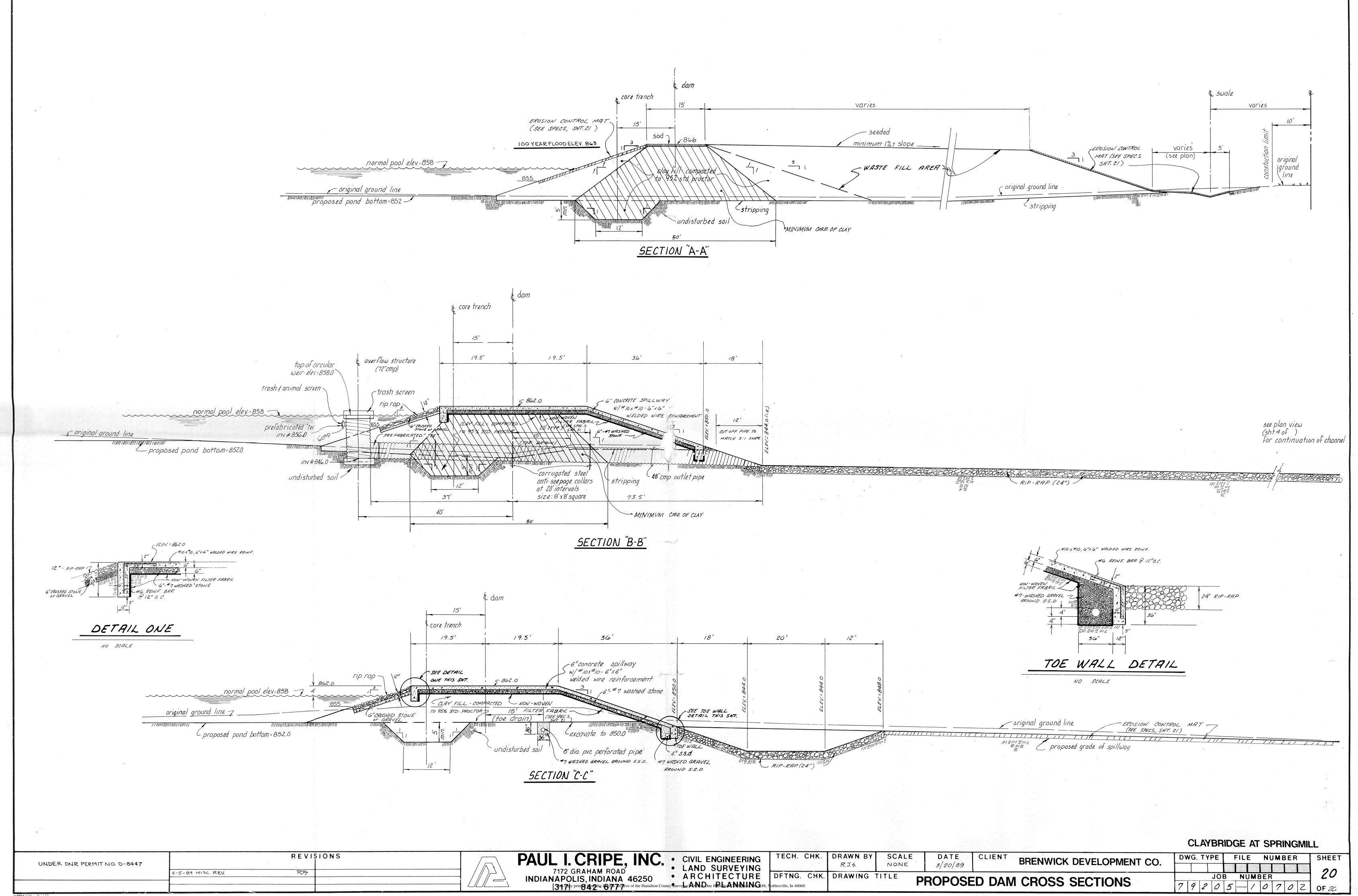
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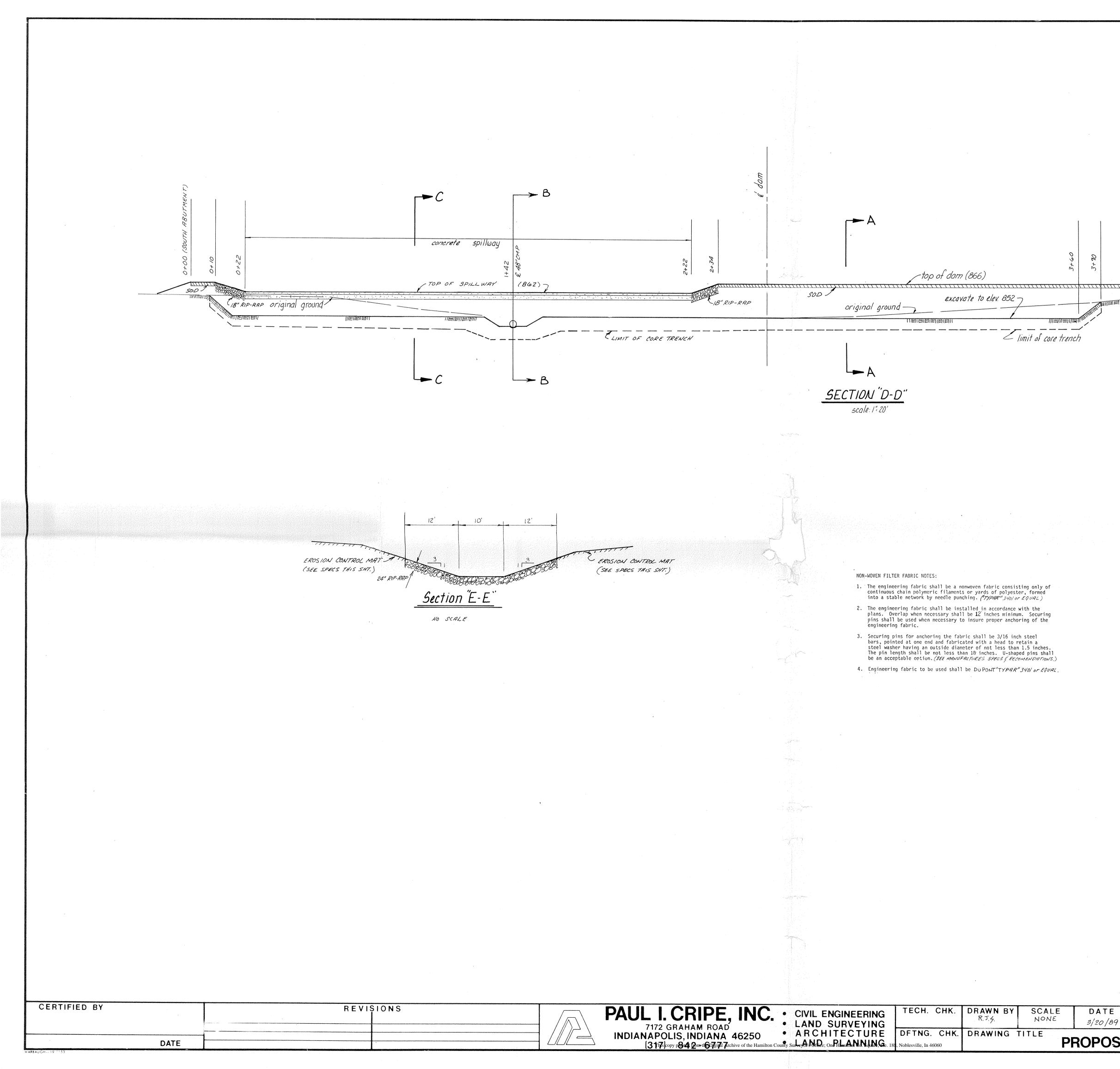


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EROSION CONTROL MAT SHALL BE NORTH AMERICAN GREEN (TYPE SCISO) Site Preparation

Smooth grade and compact all areas to be covered with mat. Remove all rocks, dirt clods, grass clumps, trash, and other obstructions that will lift mat from ground surface. Anchor Trenches

- The mat must be anchored at the upstream and downstream ends of the

- protected area and intermittently in between. Excavate end trenches to a minimum of 12" deep and 6" wide before placing mat.
- Dig intermittent check slots 6" deep by 6" wide transverse to mat at approxiamtely 25' intervals.

Seeding

- Seed and fertilizer may be spread before or after mat installation.
 Seed type, fertilizer type, and rate of application should be specified by landscape contractor or owner.
 Top soil may be broadcast over mat to provide added cover and

- protection (optional).

Mat Placement

Unroll mat flat side against the ground. Unroll mat in direction parallel with direction of water flow.
Mat should lay flat. DO NOT PULL MAT TAUT over ground. Pulling taut

may cause mat to bridge depressions in the surface and allow erosion

Beginning at up or downstream end bury transverse terminal end of mat to secure and prevent erosive flow underneath.
Fold and secure mat snugly into all transverse check slots.
Backfill and compact trenches and check slots after staking the mat is better of trenche secure provide the state of the state

in bottom of trench...see "Ground Fastening."

Bury final terminal end as prescribed above.
Overlap roll ends by 3' (min.) with upslope mat on top to prevent uplift of mat end by water flow.

- Overlap adjacent edges of mat by 3" (min.) and stake...see "Ground Fastening."

Ground Fastening Metal pins or wood stakes are recommended for anchoring mat to the ground surface. Metal pins should be 3/16" diameter steel with 1-1/2" diameter steel washer secured at head of pin. Wood stakes should be 1"x3" nominal stock cut in a triangular shape. Stakes should be 9" to 18" long depending on soil density. Longer anchors are required for loose soils.

Note that ground fasteners different from those mentioned here may function adequately. Care must be taken to assure that fasteners hold mat securely at the surface and have sufficient ground penetration to resist pullout.

- Stake mat to ground on 3 to 5 foot centers. Add extra stakes at depressions in ground surface where mat bridges over to assure ground

conformity.

- Conformity.
 Drive wood stakes to within 3" of ground surface. Do not drive flush to surface. Steel or plastic pins should be driven flush to surface.
 In all transverse terminal trenches and check slots, stake each mat at its center and at overlapped edges before backfilling and compacting.
 Stake overlaps longitudinally at 3' intervals.

CLAYBRIDGE AT SPRINGMILL

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