

Drain: BRIDGEWATER DRAIN **Drain #:** 245
Improvement/Arm: BRIDGEWATER - SECTION 3
Operator: JOH **Date:** 11-03-03
Drain Classification: Urban/Rural **Year Installed:** 1993

GIS Drain Input Checklist

- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains JRH 11-3
- Digitize & Attribute SSD JRH 11-3
- Digitize & Attribute Open Ditch N/A
- Sum drain lengths & Validate JRH 11-3
- Enter Improvements into Posse JRH 11-3
- Enter Drain Age into Posse July 11-6
- Sum drain length for Watershed in Posse July - 11-6
- Stamp Plans JRH 11-3
- Pull Source Documents for Scanning JRH 11-3

QC'd Summary 11-24-2003 S/m ok ✓

Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: BRIDGEWATER DRAIN-SECTION 3

Drain Type:	Size:	Length <small>(SWITCHES ADJUST AS QUITS)</small>	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
SSP	6"	1657'	1438'	-219'		
ACP	12"	49'	49'	ϕ		
	15"	76'	76'	ϕ		
	18"	176'	176'	ϕ		

Sum: 1958' 1739' -219'

Final Report: _____

Comments:

SURVEYOR'S REPORT SHOWS 1958' WHICH IS INCORRECT.
AS QUITS SHOW 1,739' WHICH IS CORRECT.



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

One Hamilton County Square, Ste. 146

776-9628 776-8495

942 Maple Avenue

Noblesville, Indiana 46060 September 24, 1992

TO: Hamilton County Drainage Board

RE: Bridgewater Drain, Section ~~2~~³ Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Bridgewater Drain, Section ~~2~~³ Arm. 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 benefited. The drain will consist of the following:

Open Ditch	120ft	18" RCP	190
6" SSD	1706		300ft
12" RCP	238ft		
15" RCP	74		

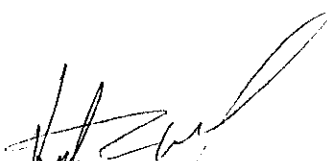
The total length of the drain will be ~~2100~~¹⁹⁷² feet.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs and those main lines between lots or in rear yards. Only the main SSD lines which are located within the easement or right of way are to be maintained as regulated drain. Laterals for individual lots 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 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 assessment for the drain this section will be \$750.00.

JANUARY 1994

I recommend a hearing be set for ~~November 1992~~. If hearing is approved, I recommend the Board approve the attached non-enforcement request for this section of Bridgewater. I also recommend to the Board that this drain be classified as an Urban Drain.


 Kenton C. Ward
 Hamilton County Surveyor

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

FILED

OCT 29 1993

TO: HAMILTON COUNTY DRAINAGE BOARD
% Hamilton County Surveyor, Courthouse, Noblesville, IN 46060

OFFICE OF HAMILTON COUNTY SURVEYOR

In the matter of Bridgewater Subdivision,
Section Three Drain Petition.

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain. The drainage will affect various lots in Bridgewater Section 3, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

Petitioner believes that the cost, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land likely to be benefited thereby. Petitioner believes the proposed improvements will:

- (a) improve public health
- (b) benefit a public street
- (c) be of public utility

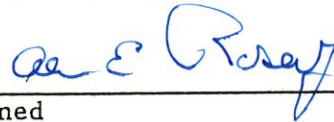
Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

The Petitioner also agrees to the following:

1. To provide the Drainage Board a Performance Bond for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 100% of the Engineers estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
2. The Petitioner shall retain an Engineer throughout the construction phase. At completion of the project the Petitioner's Engineer shall certify that the drainage system which is to be maintained as a regulated drain has been constructed as per construction plans.

3. The Petitioner agrees to request in writing to the County Surveyor any changes from the approved plan and must receive written authorization from the County Surveyor prior to implementation of the change. All changes shall be documented and given to the Surveyor to be placed in the Drain File.
4. The Petitioner shall instruct his Engineer to provide a reproducible print on a 24" x 36" mylar of the final design of the Drainage System. This shall be submitted to the County Surveyor prior to the release of the Performance Bond.
5. The Petitioner shall comply with the Erosion Control Plan as as specified on the construction plans. Failure to comply with the Erosion Control Plan shall be determined by the Board as being an obstruction to the drainage system. The County Surveyor shall immediately install or repair the needed measures at Petitioners cost as per IC 36-9-27-46.

The Petitioner further requests that the Drain be classified as an Urban Drain.



Signed _____

Allen E. Rosenberg

Printed Name _____

Signed _____

Printed Name _____

RECORDED OWNER(S) OF LAND INVOLVED

DATE October 28, 1993

NBD Bank, N.A.
One Indiana Square
Indianapolis, Indiana 46266

IRREVOCABLE LETTER OF CREDIT NUMBER SB036332

November 3, 1993gt

BENEFICIARY

Hamilton County Commissioners &
Hamilton County Drainage Board
Courthouse
Noblesville, IN 46060

APPLICANT

The Marina Limited Partnership
20999 Hague Road
Noblesville, IN 46060

Expiration date: December 31, 1994 Amount USD 21,270.00

We hereby issue in your favor this irrevocable letter of credit, which is available against the following documents:

Drafts drawn at sight on NBD Bank N.A., Indianapolis, Indiana bearing the clause "Drawn under irrevocable letter of credit number SB036332 dated November 3, 1993."

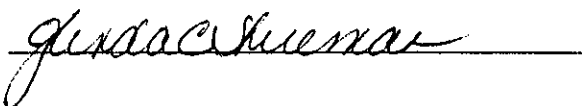
Certification by the Hamilton County Commissioners and Hamilton County Drainage Board of Noblesville, Indiana, for non-compliance with the specifications required for storm sewers in the Bridgewater subdivision, Section III, by the Marina Limited Partnership, such certification not to antedate the Letter of Credit; and

Certification by the Hamilton County Commissioners and Hamilton County Drainage Board of Noblesville, Indiana, that funds drawn under this Letter of Credit will be used to bring the storm sewers into compliance in accordance with the specifications referenced.

We hereby engage with you drawers and/or bona fide holders that drafts drawn and negotiated in conformity with the terms of this letter of credit will be duly honored on presentation and that drafts accepted within the terms of this credit will be duly honored at maturity.

Except so far as otherwise expressly stated, this documentary credit is subject to the Uniform Customs and Practice for Documentary Credits, (1983 Revision) International Chamber of Commerce Publication No. 400.

Regards,





SUM OF USD 21,270.00

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: Bridgewater Subdivision, Section Three

FILED

JUN 16 1994

OFFICE OF HAMILTON COUNTY SURVEYOR

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.

Signature: Joseph A. Sharp Date: 6-10-94

Type or Printed Name: Joseph A. Sharp

Business Address: 7172 Graham Road

Telephone: 317-842-6777

INDIANA REGISTERED NUMBER

15179





SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 146

One Hamilton County Square

Noblesville, Indiana 46060-2230

July 23, 1996

TO: Hamilton County Drainage Board

RE: Bridgewater Drain-Section 3

Attached are As-Builts, Certificate of Completion and Compliance, and other information for Bridgewater Drain-Section 3. 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 November 8, 1993. The changes are as follows:


STR 702 to 701 18" RCP shortened from 190' to 176 feet

The length of the drain due to the changes described above is now 1,958 feet.

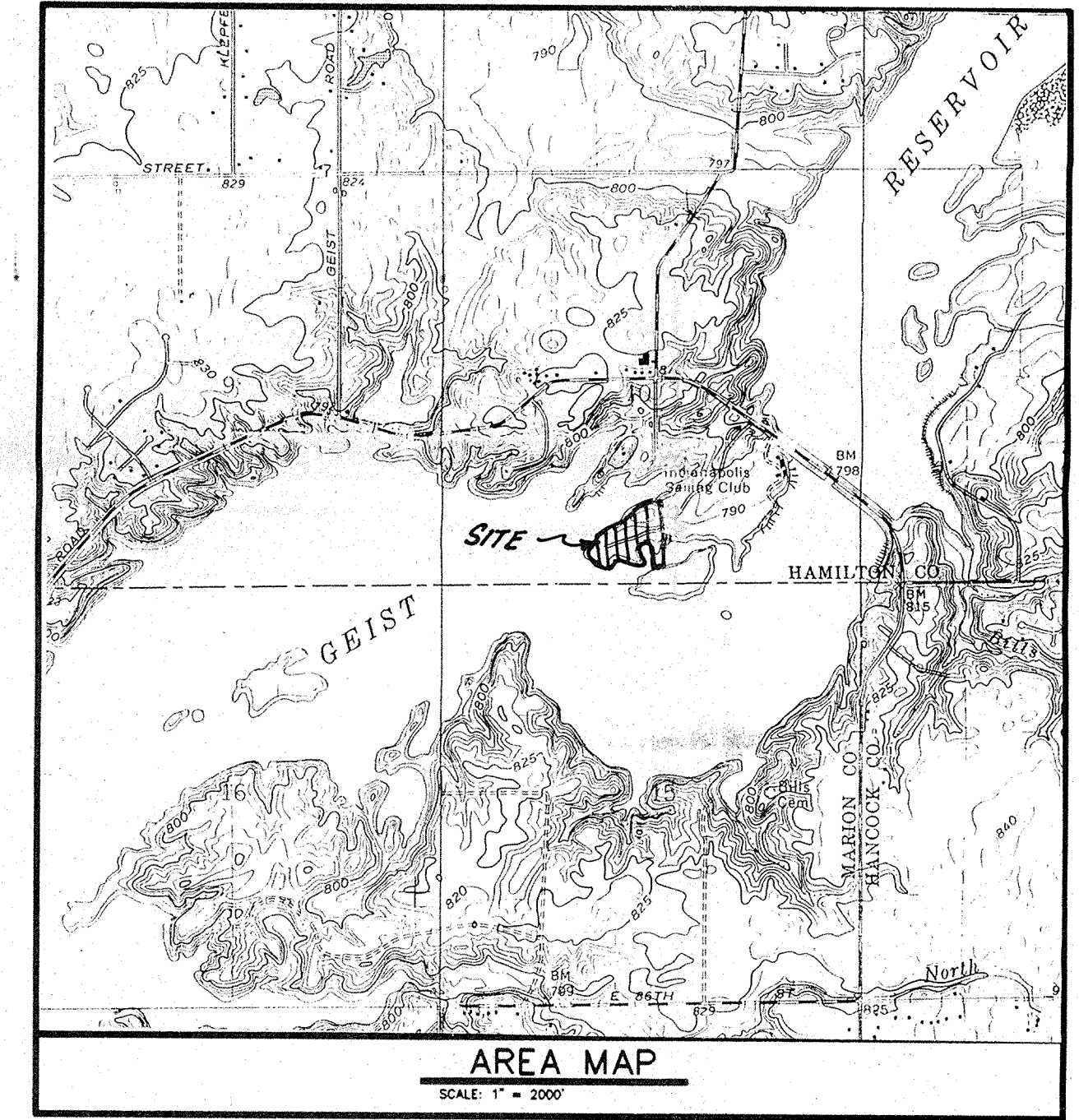
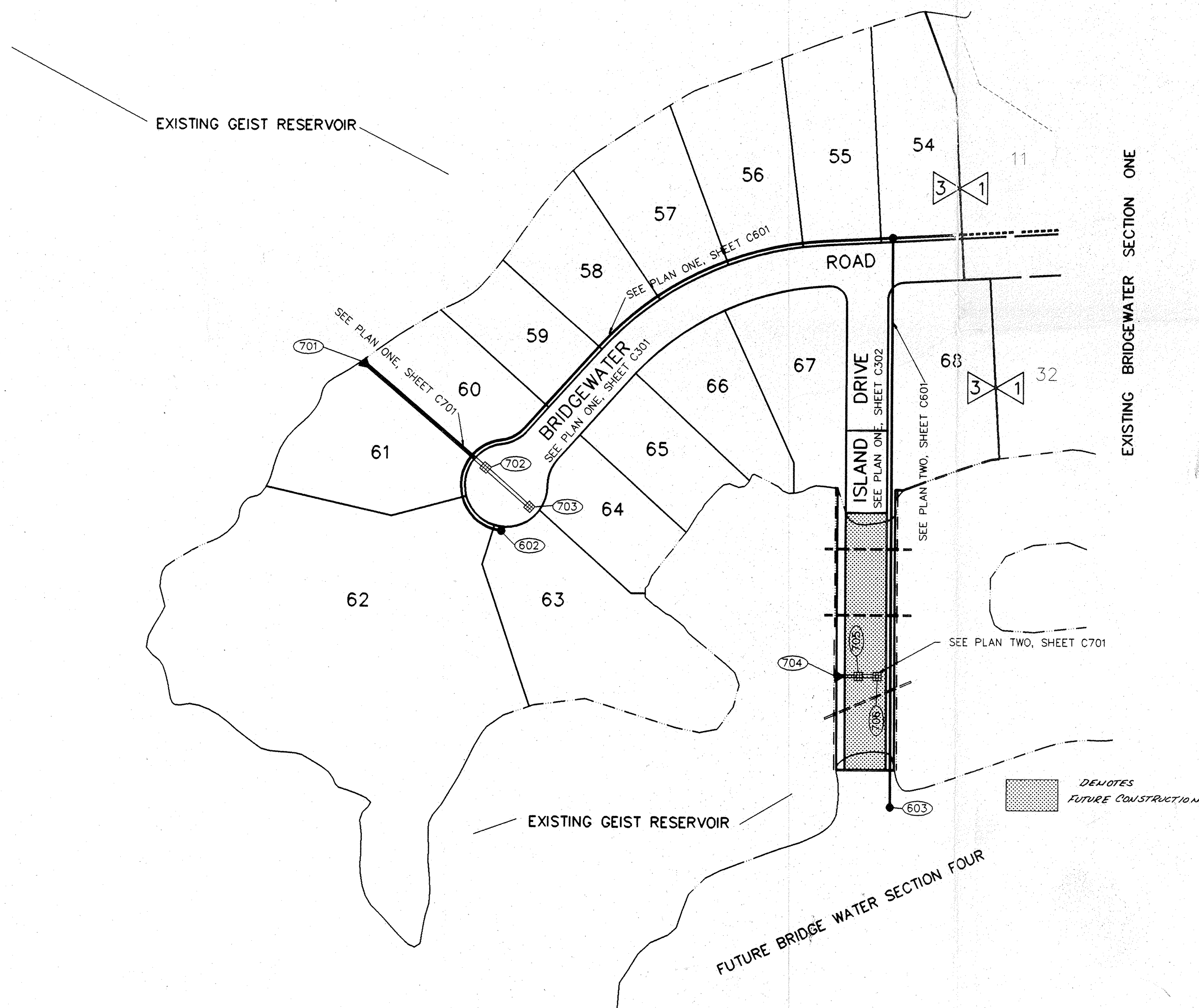
The non-enforcement was approved by the Board at its meeting on January 24, 1994.

The Bond or Letter of Credit from NBD Bank, numbers LC SB 036332-storm sewers, LC SB 036331-monuments, dated November 3, 1993, in the amount of \$21,270.00 and \$1,500.00, has been recommended for release in a letter to the Commissioners dated September 6, 1994.

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


Kenton C. Ward
Hamilton County Surveyor
KCW/no

CONSTRUCTION PLANS FOR BRIDGEWATER - SECTION THREE



SITE WORK GENERAL NOTES AND SPECIFICATIONS

NOTICES AND PERMITS

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, OR VERIFYING, THAT ALL PERMITS AND APPROVALS ARE OBTAINED FROM THE RESPECTIVE CITY, COUNTY AND STATE AGENCIES PRIOR TO STARTING CONSTRUCTION.

B. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES IN THE VICINITY OF THE CONSTRUCTION AREA PRIOR TO STARTING CONSTRUCTION.

C. IT SHALL BE THE CONTRACTORS RESPONSIBILITY FOR NOTIFICATION AND COORDINATION OF ALL CONSTRUCTION WITH RESPECTIVE UTILITY COMPANIES.

D. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER AND CONTRACTOR TO MAINTAIN QUALITY CONTROL THROUGHOUT THE PROJECT. FAILURE TO DO SO MAY RESULT IN REMOVAL AND REPLACEMENT OF THE DEFECTIVE WORK. IT IS RECOMMENDED THAT THE DEVELOPER HAVE A QUALIFIED INSPECTOR ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION.

E. IT IS ESSENTIAL THAT THE WORK TO BE DONE IN CONJUNCTION WITH THIS PROJECT SHALL BE INSTALLED ACCORDING TO THESE SPECIFICATIONS. THE ENGINEER WILL BE REQUIRED TO CERTIFY TO CERTAIN PORTIONS OF THIS PROJECT UPON COMPLETION. THEREFORE, IT IS NECESSARY TO OBTAIN APPROVAL AND ACCEPTANCE BY THE CITY THAT CONSTRUCTION WAS DONE IN COMPLIANCE WITH THESE PLANS AND SPECIFICATIONS.

INDEX	
SHT	DESCRIPTION
CS	COVER SHEET
C201	SITE DEVELOPMENT PLAN
C202	EROSION CONTROL / CLEARING LIMITS
C301	STREET PLAN & PROFILE
C302	STREET PLAN & PROFILE
C401	INTERSECTION DETAILS
C601	FORCEMAIN PLAN & PROFILE
C701	STORM SEWER PLAN & PROFILE
C801	STANDARD DETAILS
C802	STANDARD DETAILS
C901	STANDARD SPECIFICATIONS

BENCHMARKS

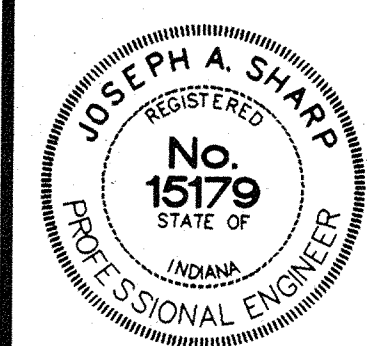
IN MARION CO. @ GEIST RESERVOIR, 450 FEET S.E. FROM THE N.W. END OF THE DAM, 18 FEET S.W. OF A SEARCH LIGHT, 14 FEET ABOVE THE CEMENT SPILLWAY, 11.5 FEET N.E. FROM STEPS, A STD. IN. FLOOD CONTROL & WATER RESOURCES COMMISSION BRONZE MARK TABLET, STAMPED "MAR 91 1956". ELEVATION = 798.621

REVISIONS

9-1-94 AS BUILT STORM & SANITARY SEWERS SHRS. C601 & C701

FILED
SEP 6 1994
HAMILTON COUNTY DRAINAGE BOARD
SECRETARY

C201, C202 IN TUBE # 2370



CERTIFIED BY:
Joseph A. Sharp
7-28-93 DATE

10-20-93	ADDED FUTURE CONSTRUCTION NOTE REVISIONS

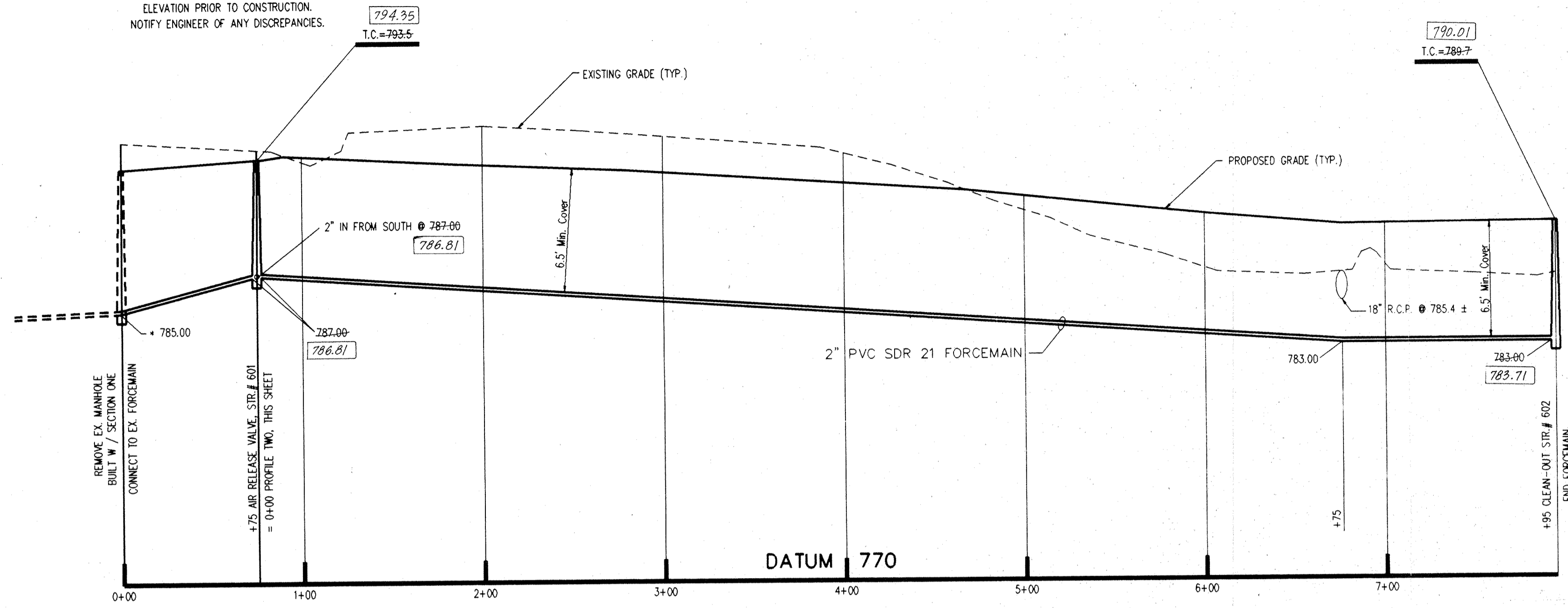
PAUL I. CRIFE, INC.
7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
(317) 842-6777

- CIVIL ENGINEERING
- LAND SURVEYING
- ARCHITECTURE
- LAND PLANNING

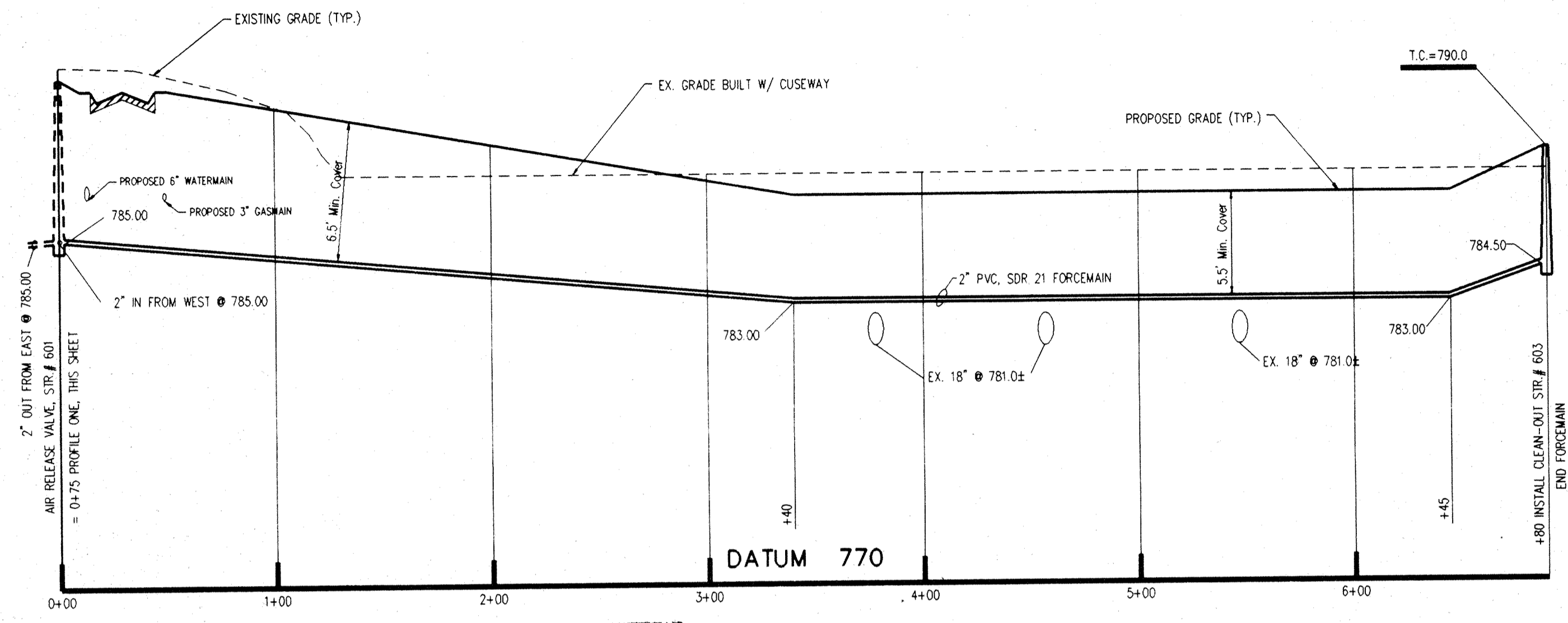
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ENG. CHK:	DRFTNG. CHK:	AS NOTED	06/25/93	MARINA LIMITED PARTNERSHIP
DRAWING TITLE:		BRIDGEWATER SECTION THREE		

DWG. TYPE	FILE NUMBER	SHEET:
		CS
JOB NUMBER		
80108-20231		

* CONTRACTOR TO VERIFY EX. FORCEMAIN ELEVATION PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES.



PROFILE ONE



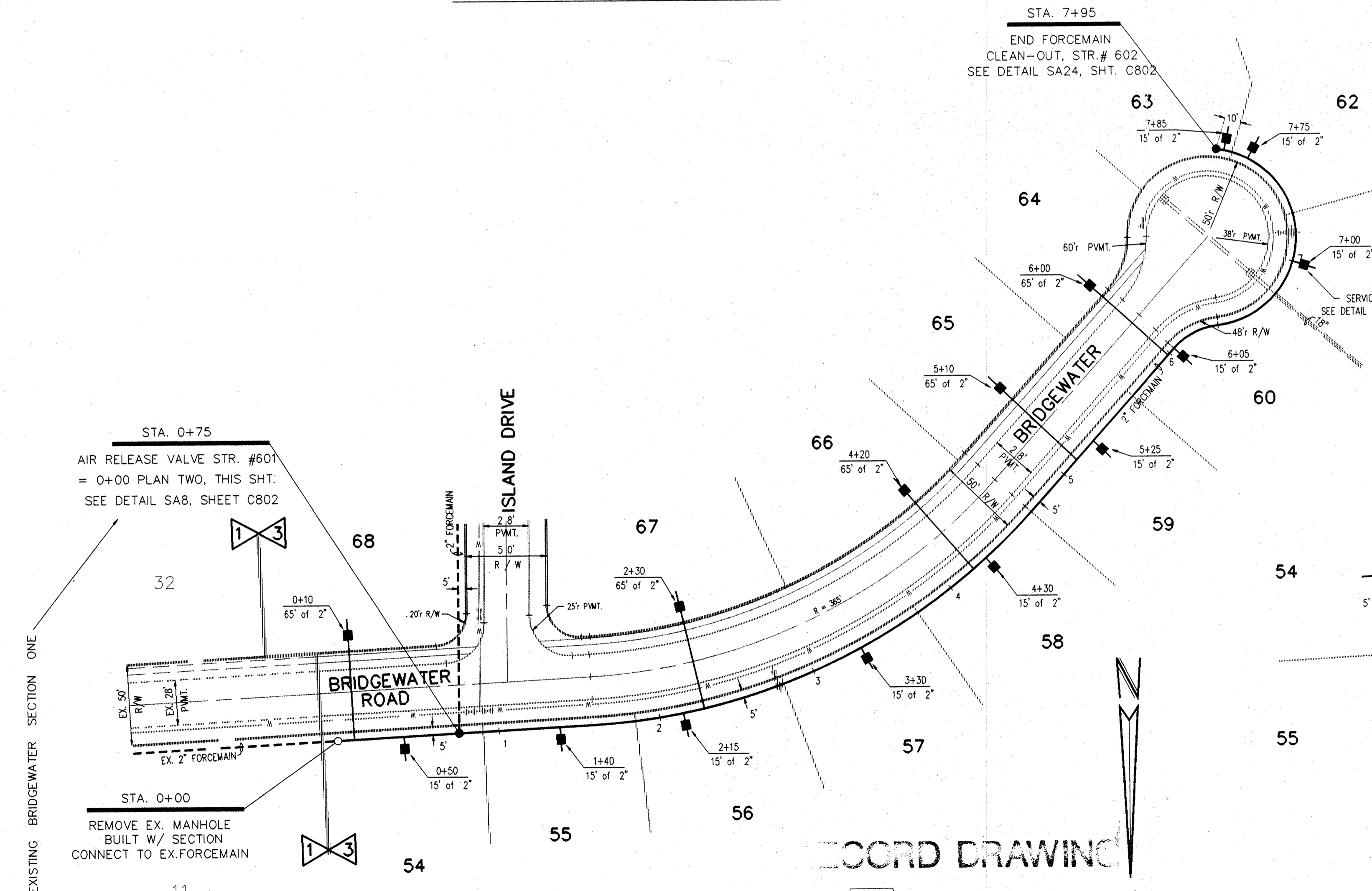
PROFILE TWO

Hamilton County Indiana 1823

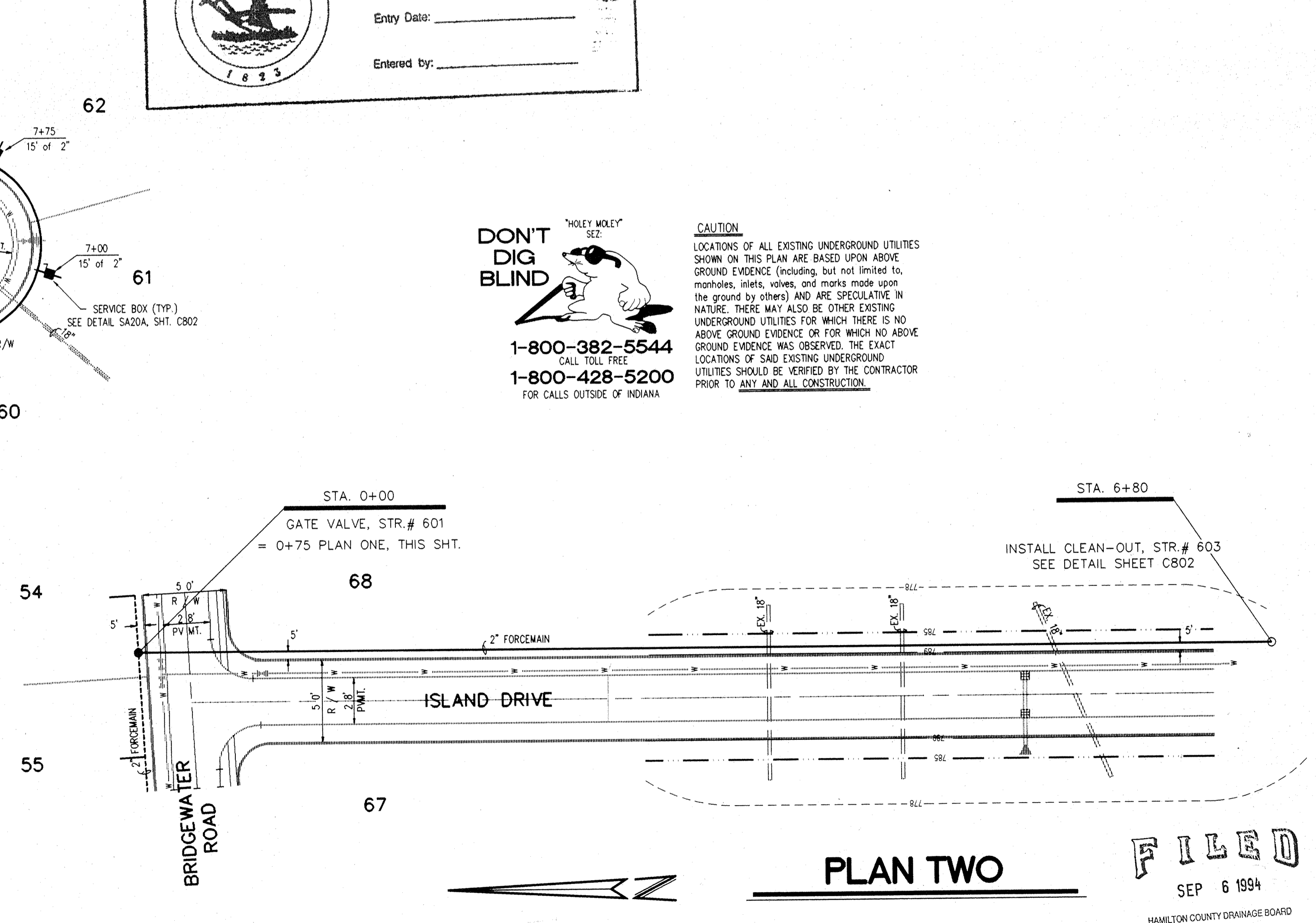
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Entered by: _____



PLAN ONE



PLAN TWO

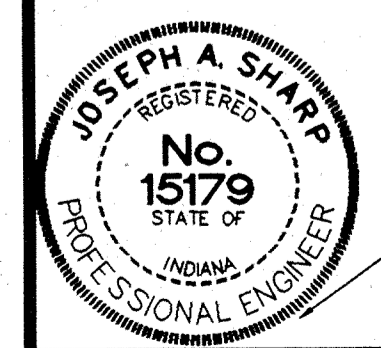
DON'T DIG BLIND

"HOLEY MOLEY" SEE

1-800-382-5544
CALL TOLL FREE
1-800-428-5200
FOR CALLS OUTSIDE OF INDIANA

CAUTION

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 EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.



RECORD DRAWING

000.00 DENOTES AS BUILT INFORMATION

Certified 9-2-94 Joseph A. Sharp

FILED

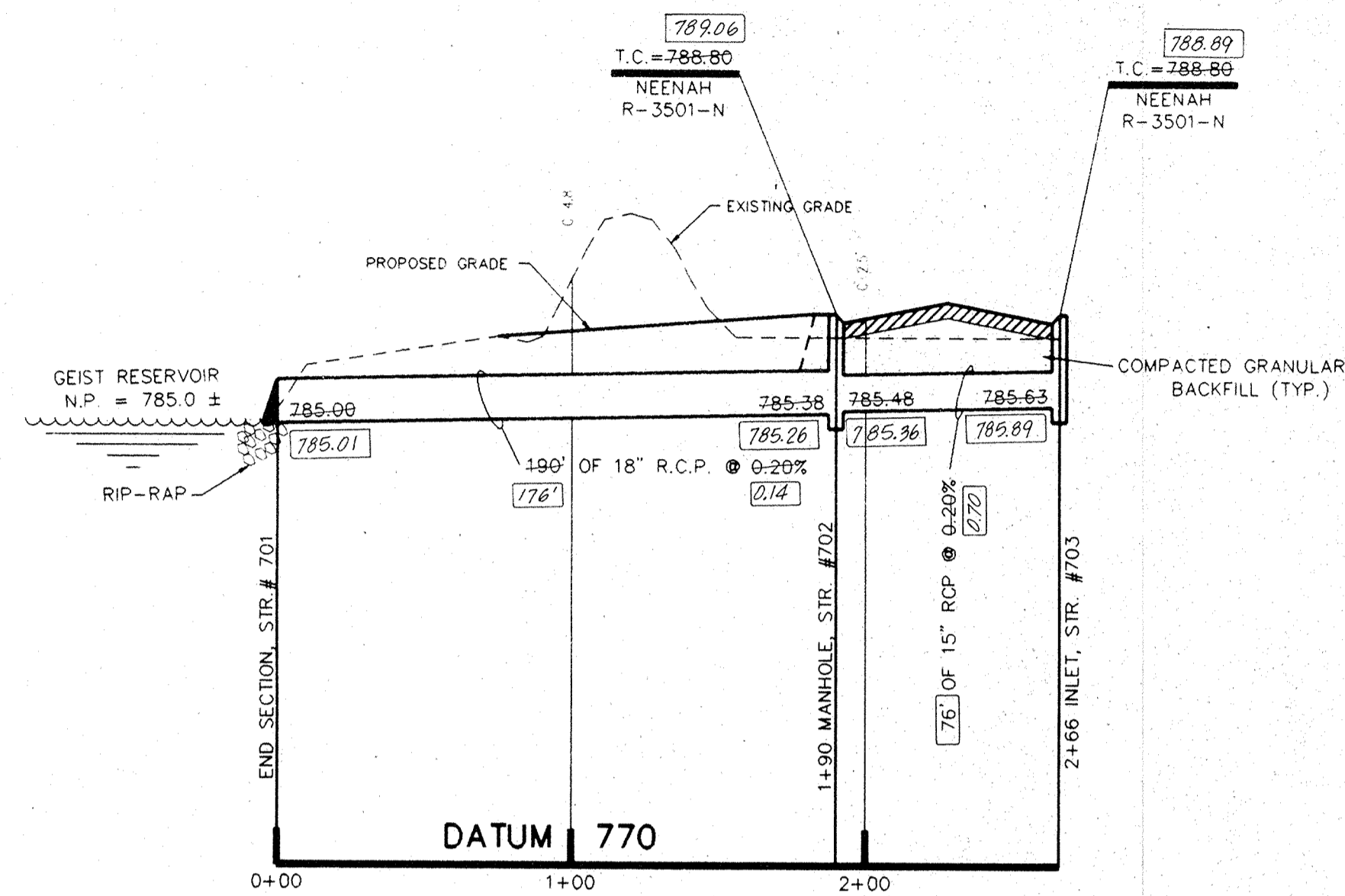
SEP 6 1994

HAMILTON COUNTY DRAINAGE BOARD

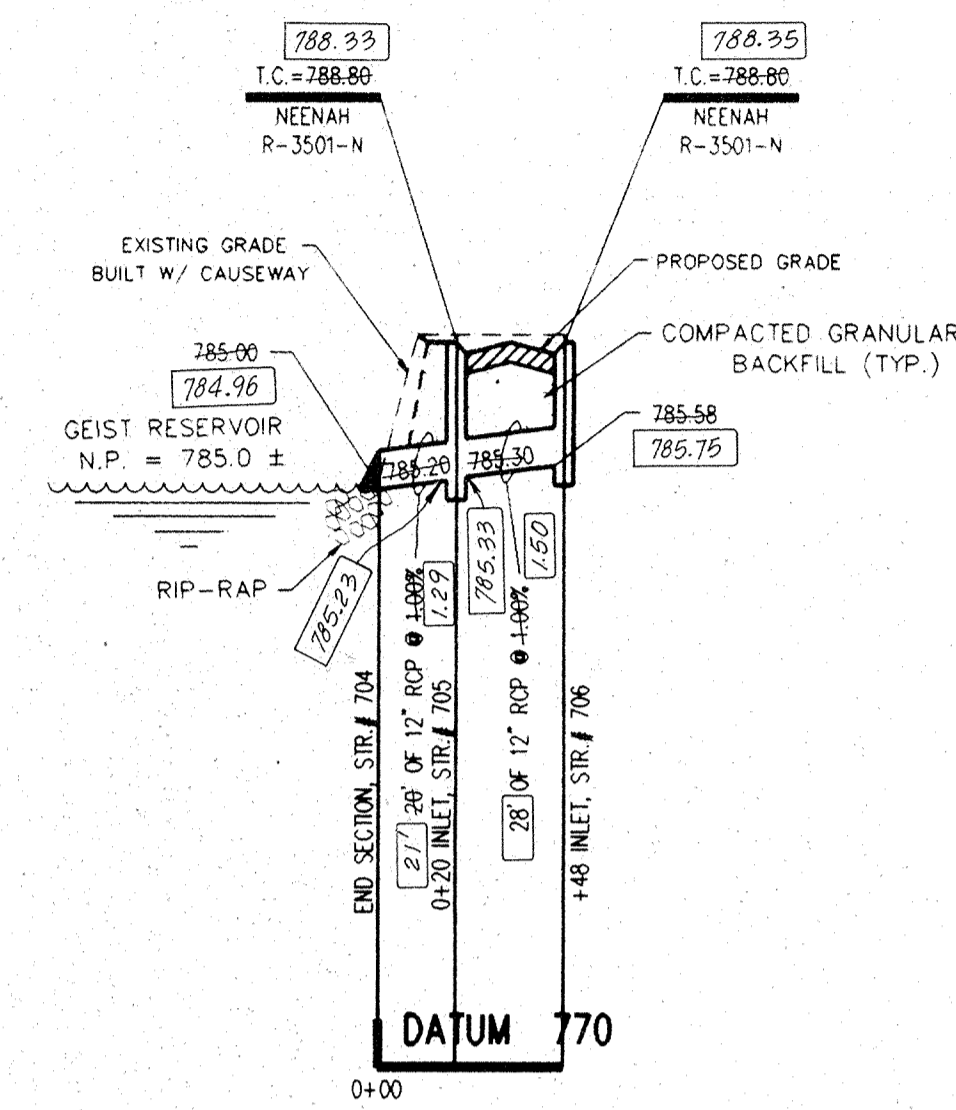
BRIDGEWATER SECTION THREE

CERTIFIED BY: <i>Joseph A. Sharp</i> 7-28-93 DATE	REVISIONS 07/21/93 SPECIFIED FORCEMAIN MATERIAL PER 07/13/93 D.P.M. COMMENT LETTER 9-1-94 AS BUILT FORCE MAIN B.T.		PAUL I. CRIFE, INC. 7172 GRAHAM ROAD INDIANAPOLIS, INDIANA 46250 (317) 842-6777	CIVIL ENGINEERING LAND SURVEYING ARCHITECTURE LAND PLANNING	CONCEPT CHK: DRAWN BY: RS	SCALE: HORIZ 1"=50' VERT. 1"=5'	DATE: 06/25/93	CLIENT: MARINA LIMITED PARTNERSHIP	DWG. TYPE FILE NUMBER	SHEET: C601
	FORCEMAIN PLAN & PROFILE			ENG. CHK: DRFTNG. CHK:	DRAWING TITLE:	JOB NUMBER 80108-20231	SECRETARY			

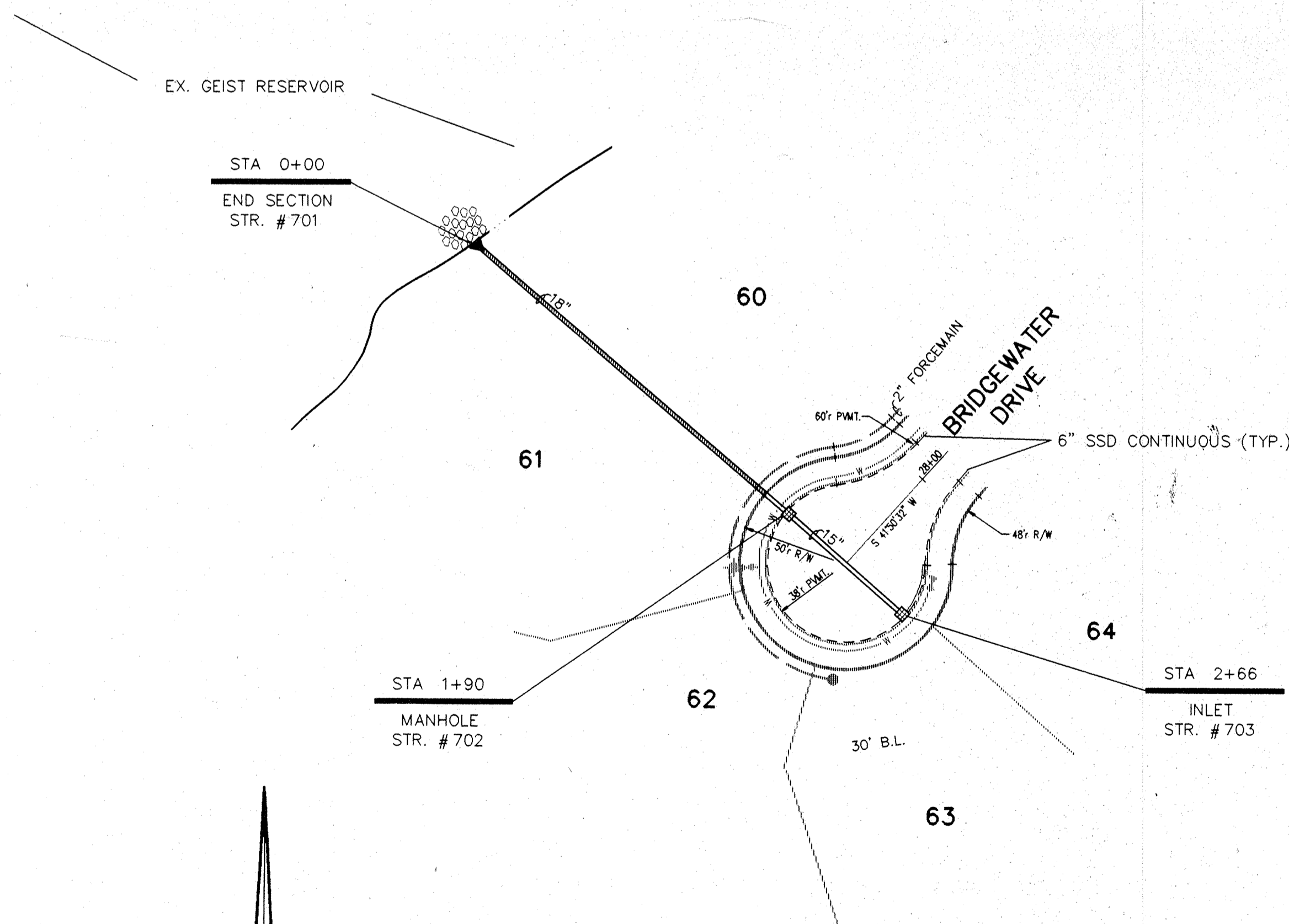
* Note: T.C.'s Not Set To CURB GRADE As of 8-19-94



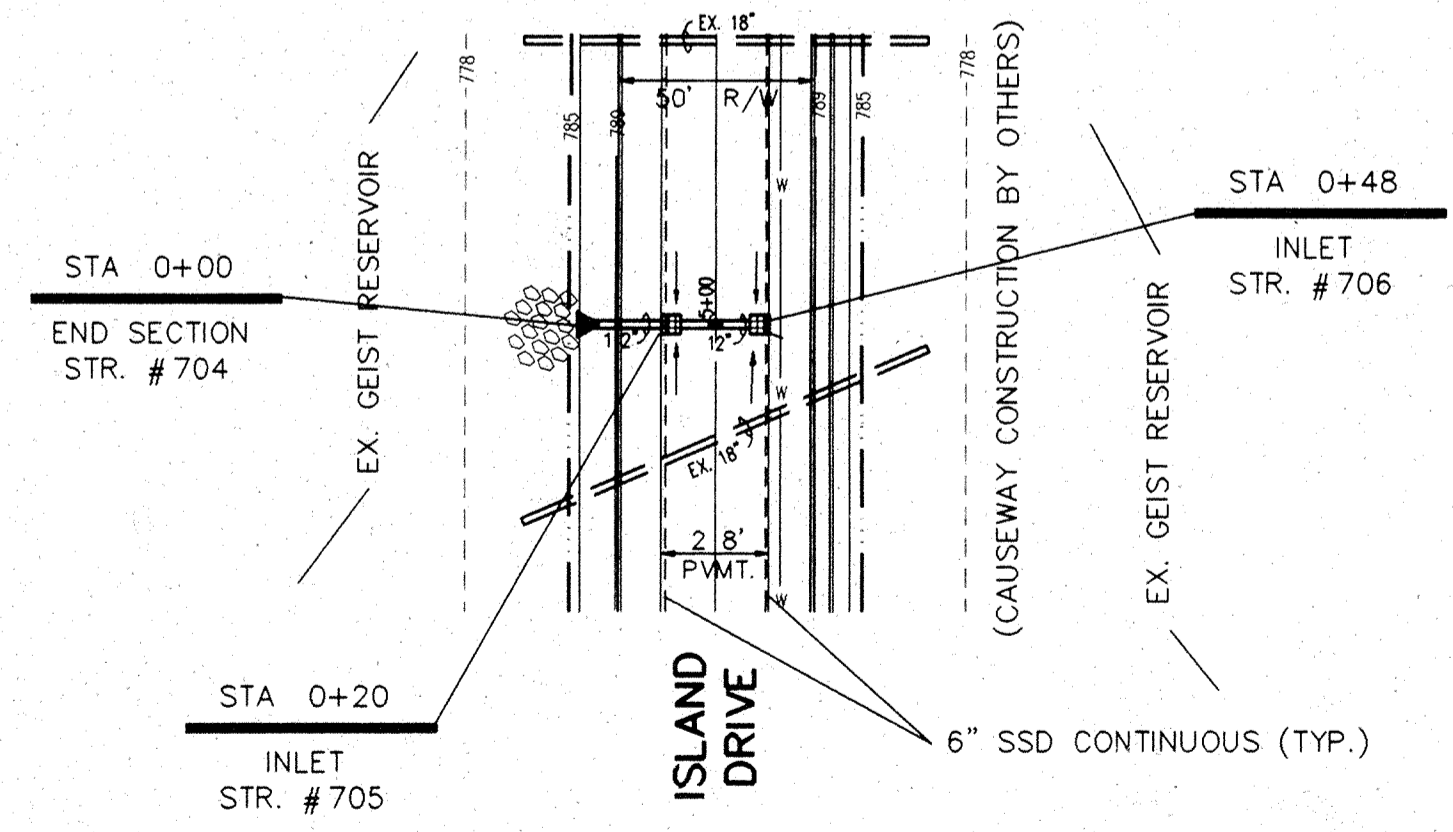
PROFILE ONE




PROFILE TWO



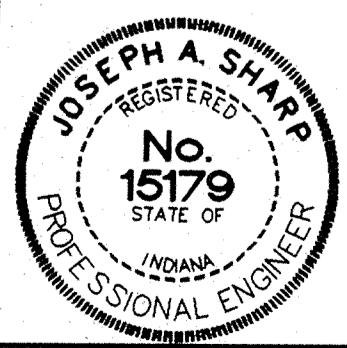
PLAN ONE




PLAN TWO


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 Entry Date: 11-3-03
 Entered by: JDH

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 Certified 9-2-94
 Joseph A. Sharp
 SEP 6 1994
 HAMILTON COUNTY DRAINAGE BOARD
 SECRETARY



CERTIFIED BY: <i>Joseph A. Sharp</i> 7-28-93 DATE	REVISIONS 9-1-94 As BUILT STORM SEWERS B.T.	


PAUL I. CRIFE, INC.
 7172 GRAHAM ROAD
 INDIANAPOLIS, INDIANA 46250
 (317) 842-6777

CONCEPT CHK: ENG. CHK:	DRAWN BY: <i>RS</i> DRFTNG. CHK:	SCALE: HORZ. 1"=50' VERT. 1"=5' DRAWING TITLE: STORM SEWER PLAN & PROFILES
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DATE: 06/25/93	CLIENT: MARINA LIMITED PARTNERSHIP
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DWG. TYPE FILE NUMBER JOB NUMBER 80108-20231	SHEET: C701
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