

Drain: SPRINGS OF CAMBRIDGE DRAIN Drain #: 262
 Improvement/Arm: SPRINGS OF CAMBRIDGE - SECTION 4
 Operator: JDM Date: 7-1-04
 Drain Classification: Urban/Rural Year Installed: 1994

GIS Drain Input Checklist

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

**Gasb 34 Footages for Historical Cost
Drain Length Log**

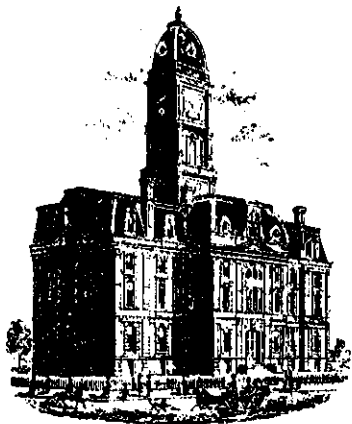
Drain-Improvement: SPPRINGS OF CAMBRIDGE DRAIN - SPPRINGS OF CAMBRIDGE - SECTION 4

Drain Type:	Size:	Length <i>5124.42</i> 18468	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
SSD	6"	8,051.42'	8,051.42	∅		
RCP	12"	1,127'	1,127'	∅		
	15"	731'	731'	∅		
	18"	652'	652'	∅		
	24"	943'	943'	∅		
	30"	202'	202'	∅		

Sum: 11,706.42' 11,706.42' ∅

Final Report: _____

Comments:



Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 188

One Hamilton County Square

Noblesville, Indiana 46060-2230

Map Correction-Field Verification

Drain Number: 296

Drain Length: N/A

Drain Name: Springs of Cambridge
Sec. 4 Arm

Change +/- : 0

Date: 1-12-2005

New Length: N/A

Verified By: Jerry Liston - Drainage Inspector

WO - 2004 - 00187

Notes & Sketch:

The work done across lot 97 in the Springs of Cambridge Subdivision was done under maintenance funds by another contractor. The developer paid for the engineering and the topo work. This was approved by the board and can be found in the attached drainage board minutes found in DRB 7, page 489.

The project enclosed 146.7 feet of open drain with 24" RCP. This is shown on the attached asbuilt sheet by Paul I Cripe - project #9601510-30000. The project did not alter the drain's length.

Suzanne L. Mills
GIS Specialist

"FINDINGS AND ORDER
 CONCERNING THE MAINTENANCE OF THE
 Elliott Creek Drain, Village of West Clay Section 5003 Arm

On this 28th day of June, 2004, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the Elliott Creek Drain, Village of West Clay Section 5003 Arm.

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

Christine Altman
 President

Steven A. Holt
 Member

Steven C. Dillinger
 Member

Attest: Lynette Mosbaugh "

RFP Opening - John Osborne Drain, Bridlebourne Subdivision Hydraulic Study:
 The following people were present for the RFP opening: Mr. Kent Schuch, Mr. Steve Nelson, Mr. David Finley and Mr. Brett Quandt.

Howard stated that the following proposals were submitted for RFP opening this morning: Poggemeyer Design Group, Inc.; Earth Tech; Quandt Engineering; Christopher Burke; Consoer Townsend Engineers; American Consulting Engineers; Beam, Longest & Neff and DLZ. This appears to be all the RFPs. Howard asked if any persons know of any other RFPs. No other RFPs appeared. Howard recommended that the RFPs be referred to the Surveyor's Office for review and recommendation at the next Board meeting on July 12, 2004.

Dillinger made the motion to refer the RFPs to the Surveyor's Office, seconded by Holt and approved unanimously.

Springs of Cambridge Drain, Lot 97:
 Liston stated that the Surveyor's Office has been working with the developer and the property owner of Lot 97 in the Springs of Cambridge subdivision to come up with a plan to take care of a severe erosion problem across the rear of Lot 97. The Surveyor's Office has now received the plan. The developer, Marina Limited, paid for the engineering and the topography work associated with that engineering. The office has an estimate from Harvey Construction of \$17,560.00. The Surveyor's Office asks that the Board allow this work to be done on maintenance by Harvey Construction due to the work load that the current maintenance contractor is under.

Altman asked if Harvey Construction is on an approved list of contractors.

Liston stated that Harvey Construction is on an approved list of contractors and is also the developer's contractor that was used exclusively in Springs of Cambridge Subdivision.

Holt made the motion to approve the work to be done by Harvey Construction on maintenance, seconded by Dillinger.

Altman asked if this was the Steven's lot that the Board received a memo on?

Liston stated that Lot 97 is the Steven's lot.

The motion had been made and seconded to approve the work and approved unanimously.

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: The Springs of Cambridge Subdivision, Section Four
Regulated Drain

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: October 9, 1995

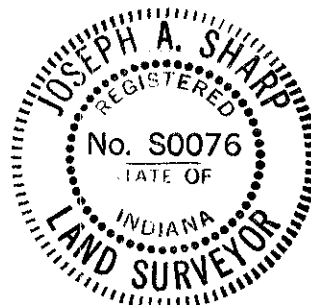
Type or Printed Name: Joseph A. Sharp

Business Address: 7172 Graham Road
Indianapolis, IN 46250

Telephone: (317) 842-6777

INDIANA REGISTERED NUMBER

S0076



CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: *The Springs of Cambridge Subdivision*
Storm Sewer Improvements on Lot 97

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.

Signature: *Joseph A. Sharp* Date: November 29, 2004

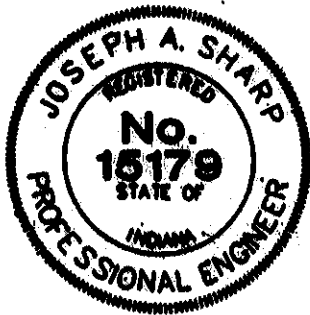
Type or Print Name: JOSEPH A. SHARP

Business Address: 7172 GRAHAM ROAD

INDIANAPOLIS, IN 46250

Telephone Number: (317) 842-6777

SEAL



INDIANA REGISTRATION NUMBER

PE 60015179



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

To: Hamilton County Drainage Board

July 7, 1997

Re: Springs of Cambridge - Sec. 4 arm

Attached are as-builts, certificate of completion & compliance, and other information for Springs of Cambridge Sec. 4. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, s changes were made to the drain whic will alther the plans ubmitted with my report dated April 18, 1996. The changes are as follows:
Str 814-808 12" RCP was repted as 90' feet in length. This structure is now 89' feet in length.
The 6" SSD between lots 174 and 175 was not installed.

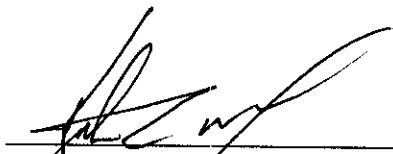
Therefore, the length of the drain due to the changes described above is now ^{11,706.42'}~~11,556.42.~~

The non-enforcement was approved by the Board at its meeting on June 10, 1996 and recorded under instrument #9609634466.

The bond or letter of credit from NBD Bank, number S036608 for storm sewers; S036649 for erosion control; and S306607 for monumentation, dated July 15, 1995 and August 15, 1995, in the amount of \$225,520.00; \$15,000.00; and \$3,000.00, has expired.

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


Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

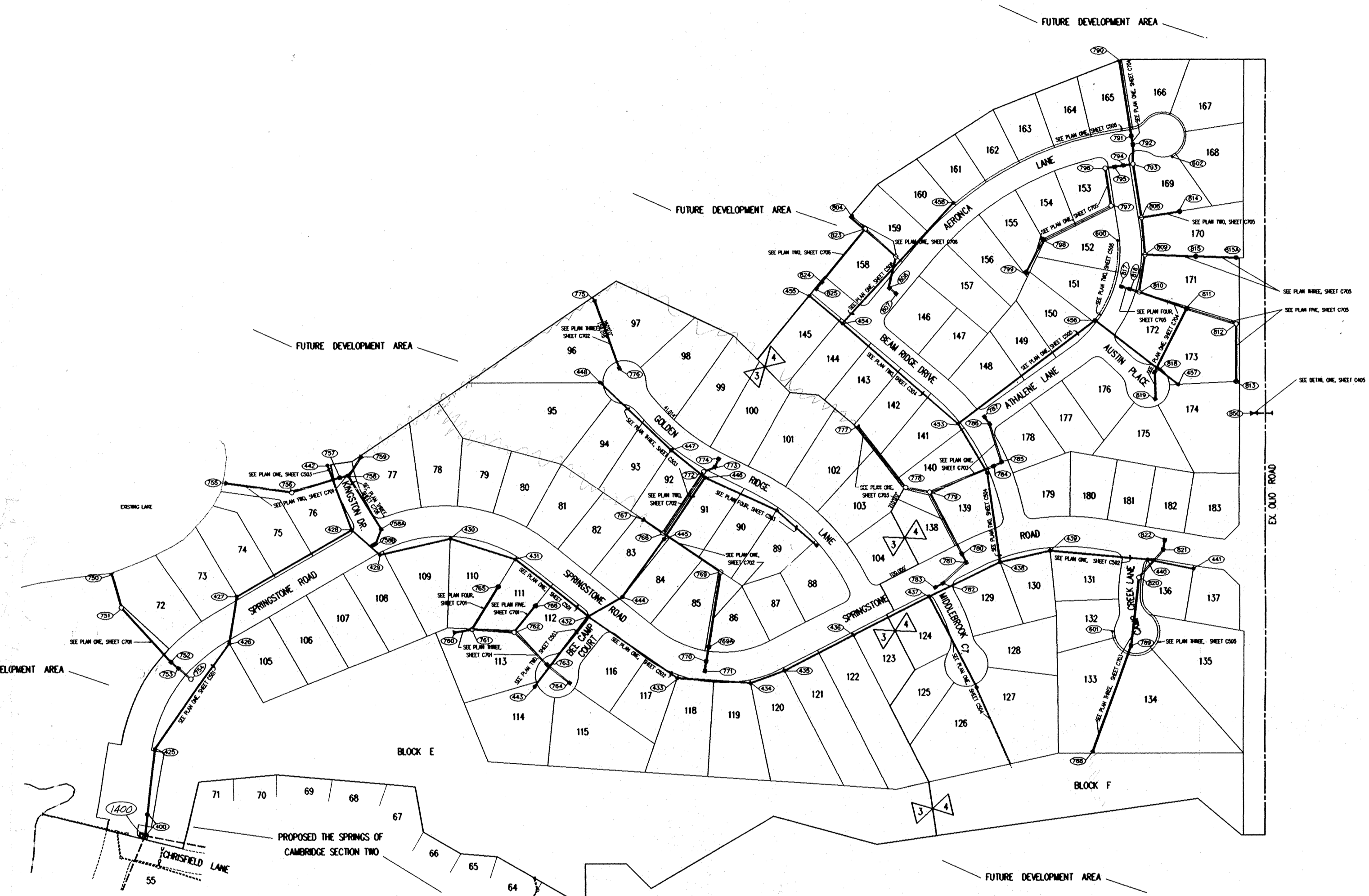
CONSTRUCTION PLANS FOR THE SPRINGS OF CAMBRIDGE SUBDIVISION SECTIONS THREE AND FOUR



This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

Entry Date: 7-1-04

Entered by: JCH



SEE SHEET C301 PLAN ONE FOR SPRINGSTONE ROAD
 SEE SHEET C302 PLAN ONE FOR SPRINGSTONE ROAD
 SEE SHEET C303 PLAN ONE FOR GOLDEN RIDGE LANE
 SEE SHEET C304 PLAN ONE FOR BEAM RIDGE DRIVE
 SEE SHEET C305 PLAN ONE FOR ATHALENE LANE
 SEE SHEET C306 PLAN ONE FOR AERONCA DRIVE
 SEE SHEET C401 DETAIL ONE FOR KINGSTON DRIVE
 SEE SHEET C402 DETAIL ONE FOR BEE CAMP COURT
 SEE SHEET C403 DETAIL ONE FOR MIDDLEBROOK COURT
 SEE SHEET C404 DETAIL ONE FOR CAMP CREEK LANE
 SEE SHEET C405 DETAIL ONE FOR OLIO ROAD ENTRANCE
 SEE SHEET C405 DETAIL ONE FOR AUSTIN PLACE



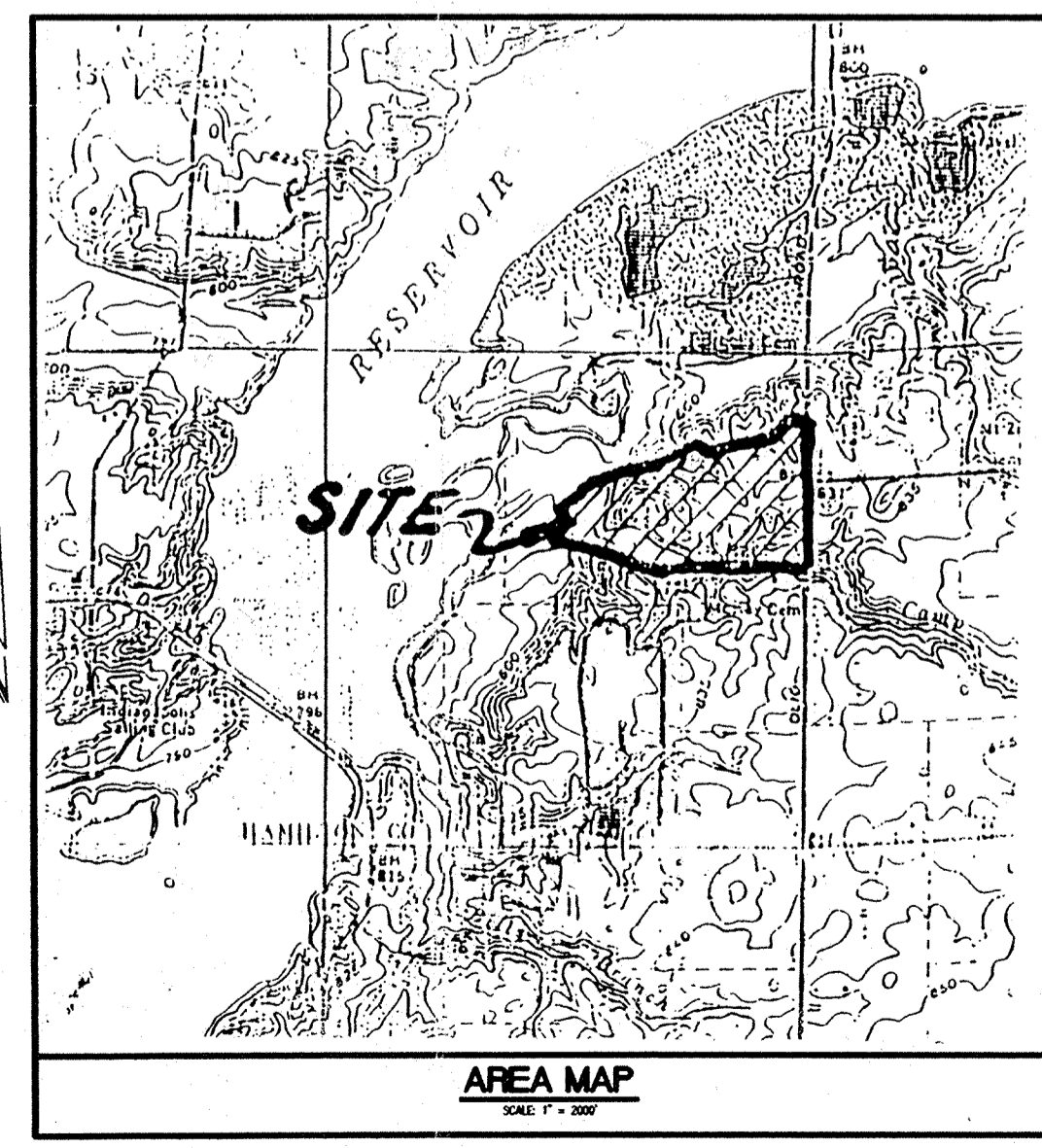
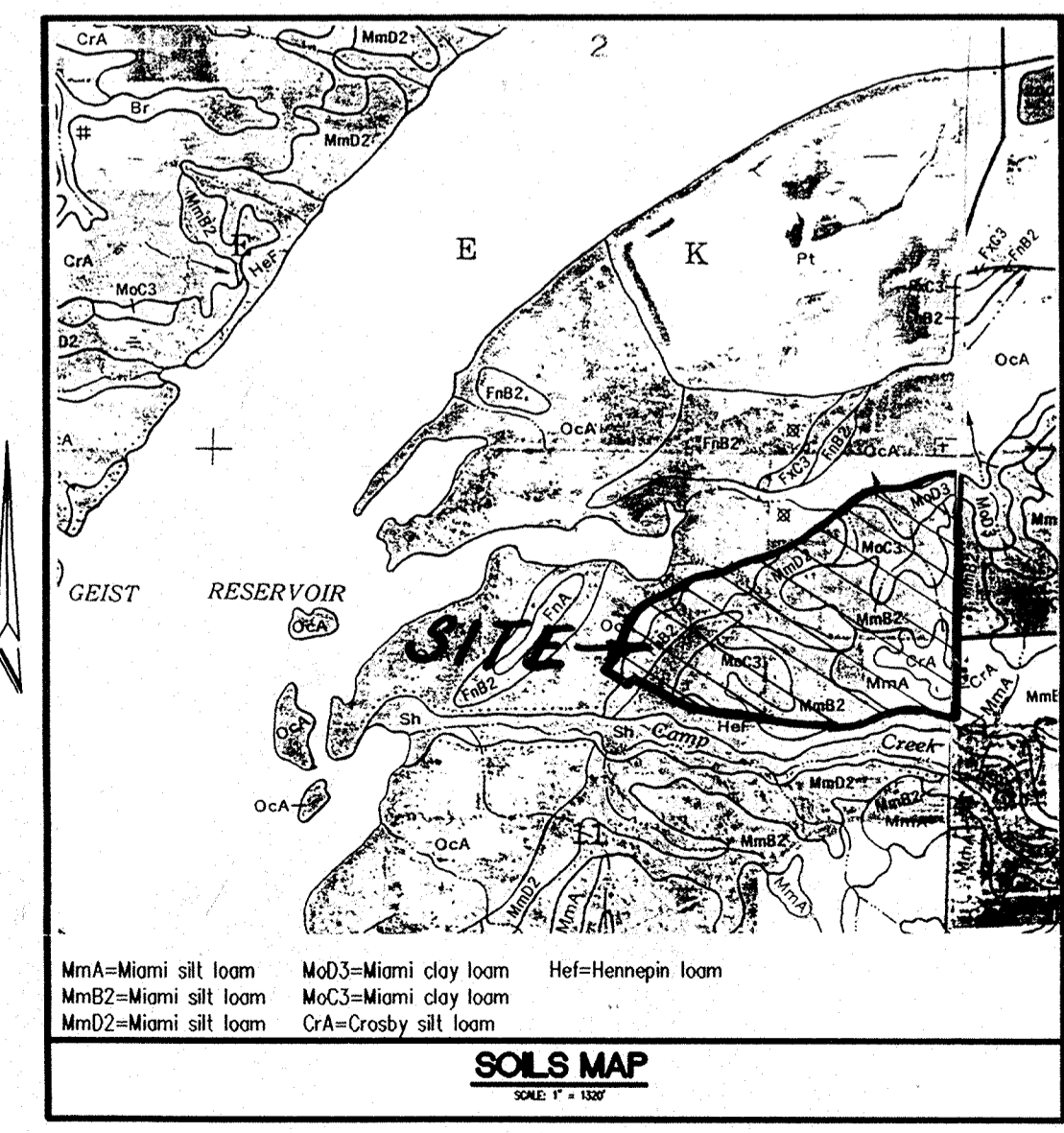
RECORD DRAWING
 Certified by Joseph A. Sharp 12-15-94

SITE WORK GENERAL NOTES AND SPECIFICATIONS

- NOTICES AND PERMITS**
- LOCATION & ELEVATIONS OF "FLOODWAY LIMITS" AND "100 YEAR FLOOD LIMITS" ARE SHOWN FOR REFERENCE ONLY. DEVELOPER/BUILDER/INDIVIDUAL LOT OWNER IS TO REFER TO NATIONAL FLOOD HAZARD INSURANCE MAP (F.E.M.A.) TO DETERMINE FLOOD HAZARD POTENTIAL PRIOR TO INDIVIDUAL LOT/PROJECT CONSTRUCTION.
 - 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.
 - 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.
 - IT SHALL BE THE CONTRACTORS RESPONSIBILITY FOR NOTIFICATION AND COORDINATION OF ALL CONSTRUCTION WITH RESPECTIVE UTILITY COMPANIES.
 - 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.
 - 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.
 - ALL QUANTITIES GIVEN ON THE PRINTS, VERBALLY OR IN THE SCOPE OF WORK SECTION ARE ESTIMATES AND SHALL BE CONFIRMED BY THE BIDDING CONTRACTOR.
 - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
 - IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE ABOVE STATED REQUIREMENTS.

SITE
 SCALE: 1" = 200'

DEVELOPED BY:
MARINA LIMITED PARTNERSHIP
 11691 FALL CREEK ROAD
 INDIANAPOLIS, INDIANA 46256



INDEX	
SHT	DESCRIPTION
CS	COVER SHEET
C201	SITE DEVELOPMENT PLAN (SECTION THREE)
C202	SITE DEVELOPMENT PLAN (SECTION FOUR)
C203	EROSION CONTROL PLAN
C204	EROSION DETAILS & SPECIFICATIONS
C301	STREET PLAN & PROFILE
C302	STREET PLAN & PROFILE
C303	STREET PLAN & PROFILE
C304	STREET PLAN & PROFILE
C305	STREET PLAN & PROFILE
C306	STREET PLAN & PROFILE
C401	STREET DETAIL
C402	CUL-DE-SAC DETAIL
C403	STREET DETAILS
C404	CUL-DE-SAC DETAIL
C405	ENTRANCE DETAIL
C406	STREET DETAILS
C407	CUL-DE-SAC DETAILS
C501	SANITARY SEWER PLAN & PROFILE
C502	SANITARY SEWER PLAN & PROFILE
C503	SANITARY SEWER PLAN & PROFILE
C504	SANITARY SEWER PLAN & PROFILE
C505	SANITARY SEWER PLAN & PROFILE
C506	SANITARY SEWER PLAN & PROFILE
C701	STORM SEWER PLAN & PROFILE
C702	STORM SEWER PLAN & PROFILE
C703	STORM SEWER PLAN & PROFILE
C704	STORM SEWER PLAN & PROFILE
C705	STORM SEWER PLAN & PROFILE
C706	STORM SEWER PLAN & PROFILE
C801	HAMILTON COUNTY STD. DETAILS
C802	P.I.C. STANDARD DETAILS
C803	P.I.C. STANDARD DETAILS
C901	STANDARD SPECIFICATIONS
C902	STANDARD SPECIFICATIONS

BENCHMARKS

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

A STANDARD INDIANA FLOOD CONTROL & WATER RESOURCES COMMISSION BRONZE TABLET SET ON THE TOP OF THE SOUTHWEST BRIDGE SEAT OF FLORIDA ROAD OVER FALL CREEK ELEVATION = 793.16

REVISIONS

2-8-94	REVISED PER DRAFTING CHECK	ALL SHEETS
3-15-94	REVISED LOT LAYOUT	ALL SHEETS
4-1-94	REVISED OLIO RD. R/W	SHTS. C202, C203, C302, C405 & C705
4-11-94	MADE LOT 76 WATER ACCESSIBLE	SHTS. C201 & C701
4-12-94	REVISED STREET R/W @ BEE CAMP PER HAM. CO. HIGHWAY	SHTS. C201, C203, C301 & C501
4-20-94	ADDED LEVELING COURSE TO OLIO RD. PER HAM. CO. HIGHWAY	SHTS. C202 & C405
7-21-94	MISC. REVISIONS PER HAM. CO. SURVEYOR'S COMMENTS	SHTS. CS, C201, C202, C701, C703, C705, C706 & C802
8-5-94	MISC. REVISIONS PER HAM. CO. SURVEYOR'S COMMENTS	SHT. C201
12-5-94	AS BUILT SAN. SEWERS	SHTS. C501 - C506
12-14-94	AS BUILT SAN. LATERALS	SHTS. C501 - C506
12-22-94	AS BUILT STORM SEWERS	SHTS. C701 - C706



CERTIFIED BY:
 Joseph A. Sharp
 8.9.94 DATE

REVISIONS

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: AS NOTED DATE: 8-28-93 CLIENT: MARINA LIMITED PARTNERSHIP

ENG. CHK: DRFTNG. CHK: DRAWING TITLE: COVER SHEET

DWG. TYPE	FILE NUMBER	SHEET:
	2974	CS
JOB NUMBER		
81100-22000		



Q = CIA
 100
 = 0.55 X 4.5 X 5.8
 = 14.4 CFS
 ADD 10 CFS (EXISTING 24" DISCHARGES
 AT LOT 143 UPSTREAM)
 = 24.4 CFS CAPACITY REQUIRED
 CAPACITY PROVIDED: (24" @ 1% = 25 CFS)

WATERSHED = 5.8 ACRES

FILED
 MAY 27 2004
 OFFICE OF HAMILTON COUNTY SUPERVISOR

HOLEY MOLEY * SAYS CALL AT LEAST TWO FULL
 WORKING DAYS BEFORE YOU DIG THE LINE.

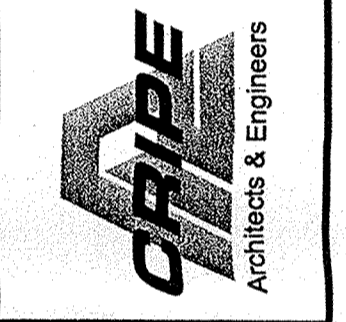
CAUTION
 LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES
 SHOWN ON THIS PLAN ARE BASED UPON ABOVE
 GROUND EVIDENCE (including, but not limited to,
 manholes, lids, valves, and marks made upon
 the ground by others) AND ARE SPECULATIVE IN
 NATURE. THERE MAY ALSO BE OTHER EXISTING
 UNDERGROUND UTILITIES 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.

1-800-382-6544
 CALL TOLL FREE
 1-800-428-5200
 FOR CALLS OUTSIDE OF INDIANA

Revision	Mark	Date	Description

ARCHITECTURE ARCHITECTURE
 CIVIL ENGINEERS CIVIL ENGINEERS
 LAND PLANNING LAND PLANNING
 LAND SURVEYORS LAND SURVEYORS
 TRANSPORTATION ENGINEERS TRANSPORTATION ENGINEERS
 GIS GIS

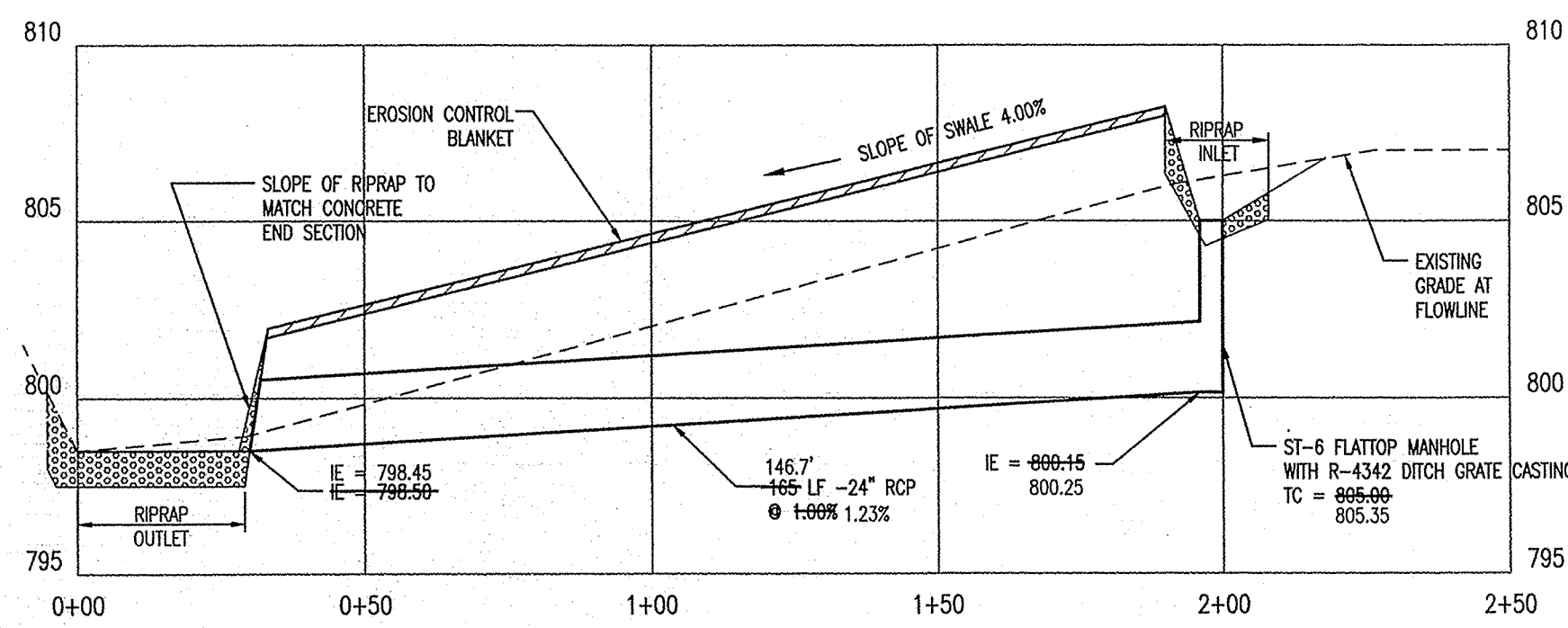
7172 GRAHAM ROAD
 INDIANAPOLIS, INDIANA 46250
 (317) 842-6777 FAX (317) 841-4798
 E-Mail crpe@crpe.biz



WATERSHED AREA
Remedial Storm Sewer and Erosion Control
The Springs of Cambridge, Section 3
 HAMILTON COUNTY, INDIANA
 LOT 97



4-27-04
 Drawn By: _____
 Checked By: _____
 Quality Assurance: _____
 Scale: 0" = 50'
 Sheet: **C701**
 Date: 04-27-04
 Project Number: 960510-20000

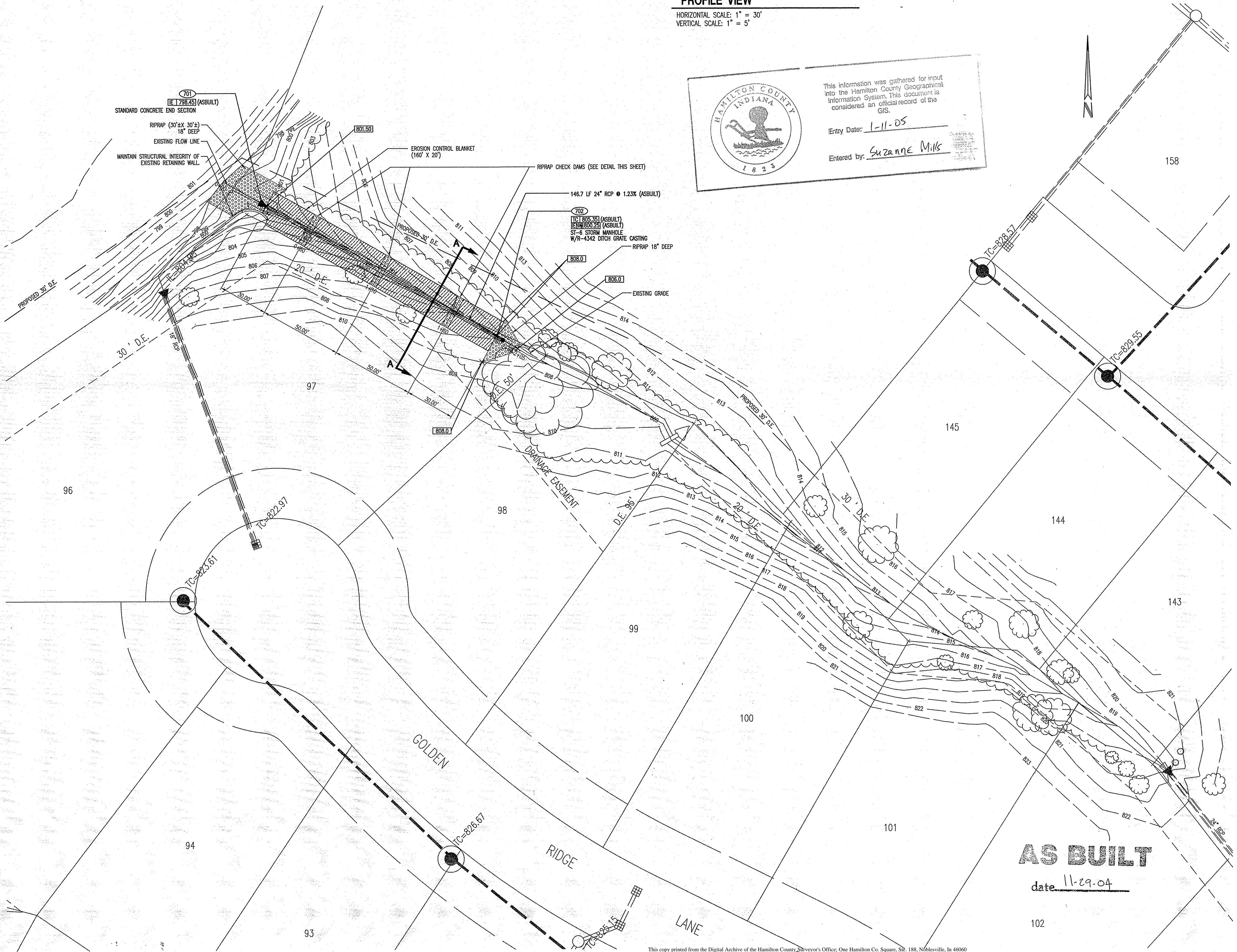


PROFILE VIEW

HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 5'

This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

Entry Date: 1-11-05
Entered by: Suzanne Mills



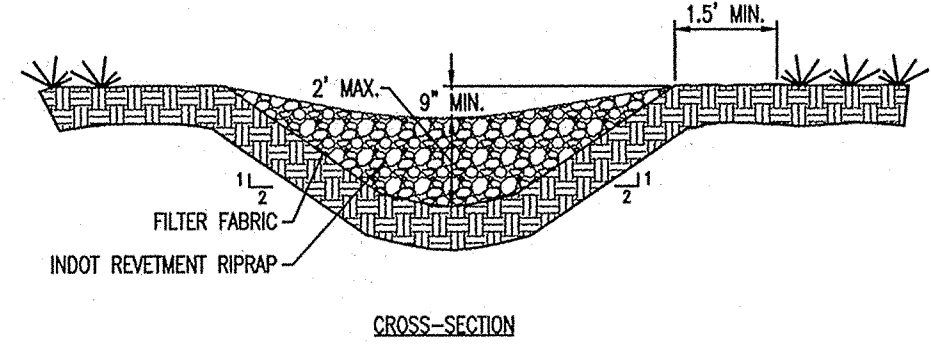
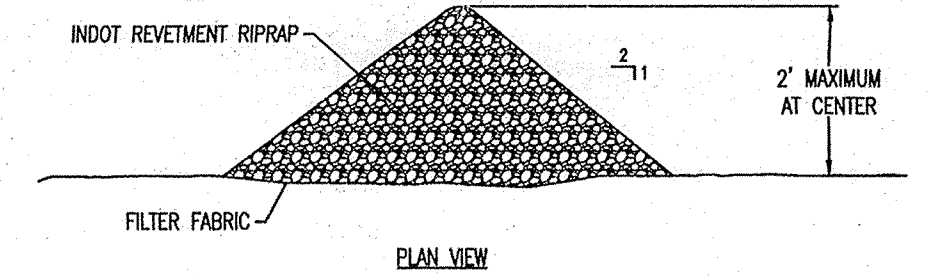
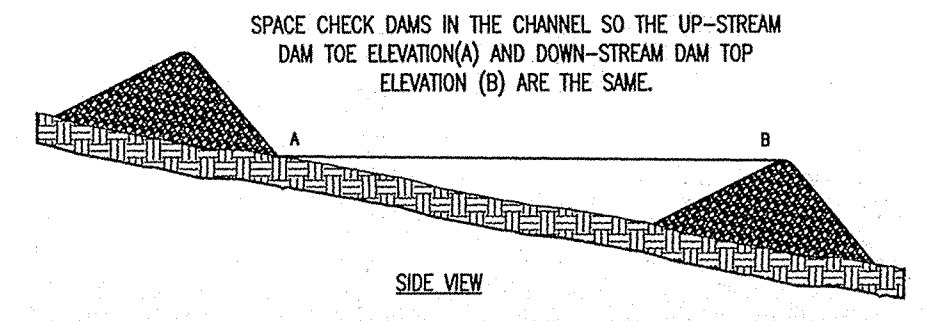
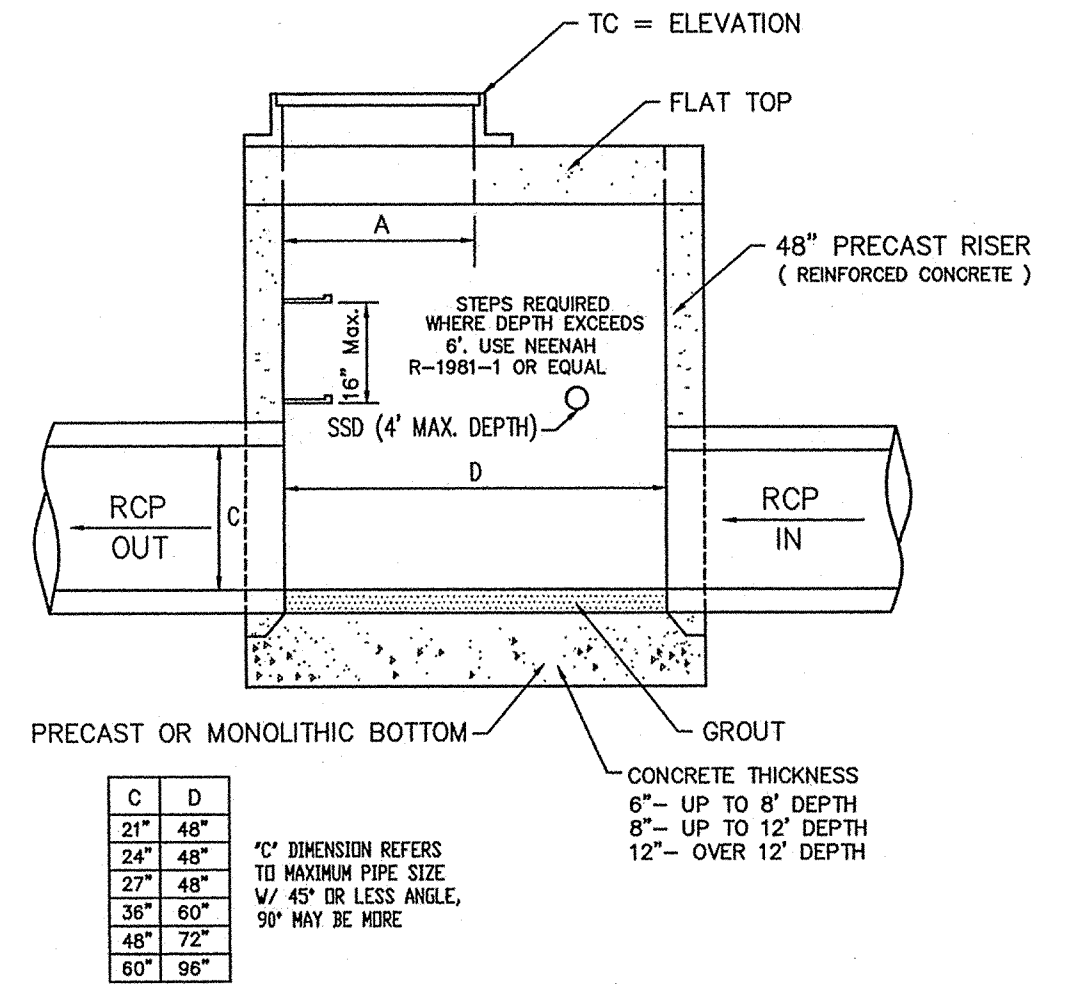
LEGEND

ROCK CHECK DAM SEE DETAIL THIS SHEET

EROSION CONTROL BLANKET

NOTES

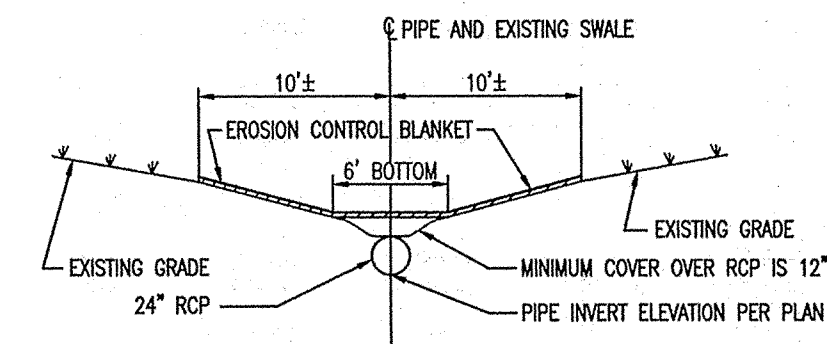
1. SEED ALL DISTURBED AREAS BEYOND EROSION CONTROL BLANKET WITH KENTUCKY # 31 FESCUE AND ANNUAL RYE GRASS.



- INSPECT CHECK DAMS AND THE CHANNEL AFTER EACH STORM EVENT, AND REPAIR ANY DAMAGE IMMEDIATELY.
- IF SIGNIFICANT EROSION OCCURS BETWEEN DAMS, INSTALL A RIPRAP LINER IN THAT PORTION OF THE CHANNEL (PRACTICE 3.32).
- REMOVE SEDIMENT ACCUMULATED BEHIND EACH DAM AS NEEDED TO MAINTAIN CHANNEL CAPACITY, TO ALLOW DRAINAGE THROUGH THE DAM, AND PREVENT LARGE FLOWS FROM DISPLACING SEDIMENT.
- ADD ROCK TO THE DAMS AS NEEDED TO MAINTAIN DESIGN HEIGHT AND CROSS SECTION.
- WHEN THE DAMS ARE NO LONGER NEEDED, REMOVE THE ROCK AND STABILIZE CHANNEL, USING AN EROSION RESISTANT LINING IF NECESSARY.

EC-29 ROCK CHECK DAM

NO SCALE



TYPICAL CROSS SECTION 'A-A'

SCALE: 1" = 10'

"HOLEY MOLEY" SAYS CALL AT LEAST TWO FULL WORKING DAYS BEFORE YOU DIG. IT'S THE LAW.

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.

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

AS BUILT
date 11-29-04

ARCHITECTURE
CIVIL ENGINEERS
LAND PLANNING
LAND SURVEYORS
REGISTERED PROFESSIONAL ENGINEERS

7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
(317) 842-6777 FAX (317) 841-7798
E-Mail: crpe@crpe.biz

CRPE
Architects & Engineers

STORM PLAN AND DETAILS
Remedial Storm Sewer and Erosion Control
The Springs of Cambridge, Section 3
HAMILTON COUNTY, INDIANA
LOT 97

CERTIFIED BY:
Joseph A. Sharr
JOSEPH A. SHARR
REGISTERED
No. 15179
STATE OF INDIANA
PROFESSIONAL ENGINEER

Drawn By:
HUTCH

Checked By:

Quality Assurance:

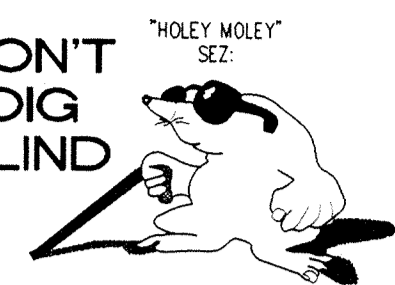
Scale: 1" = 30'

Sheet: **C702**

Date: 11-29-04

Project Number: 960510-30000

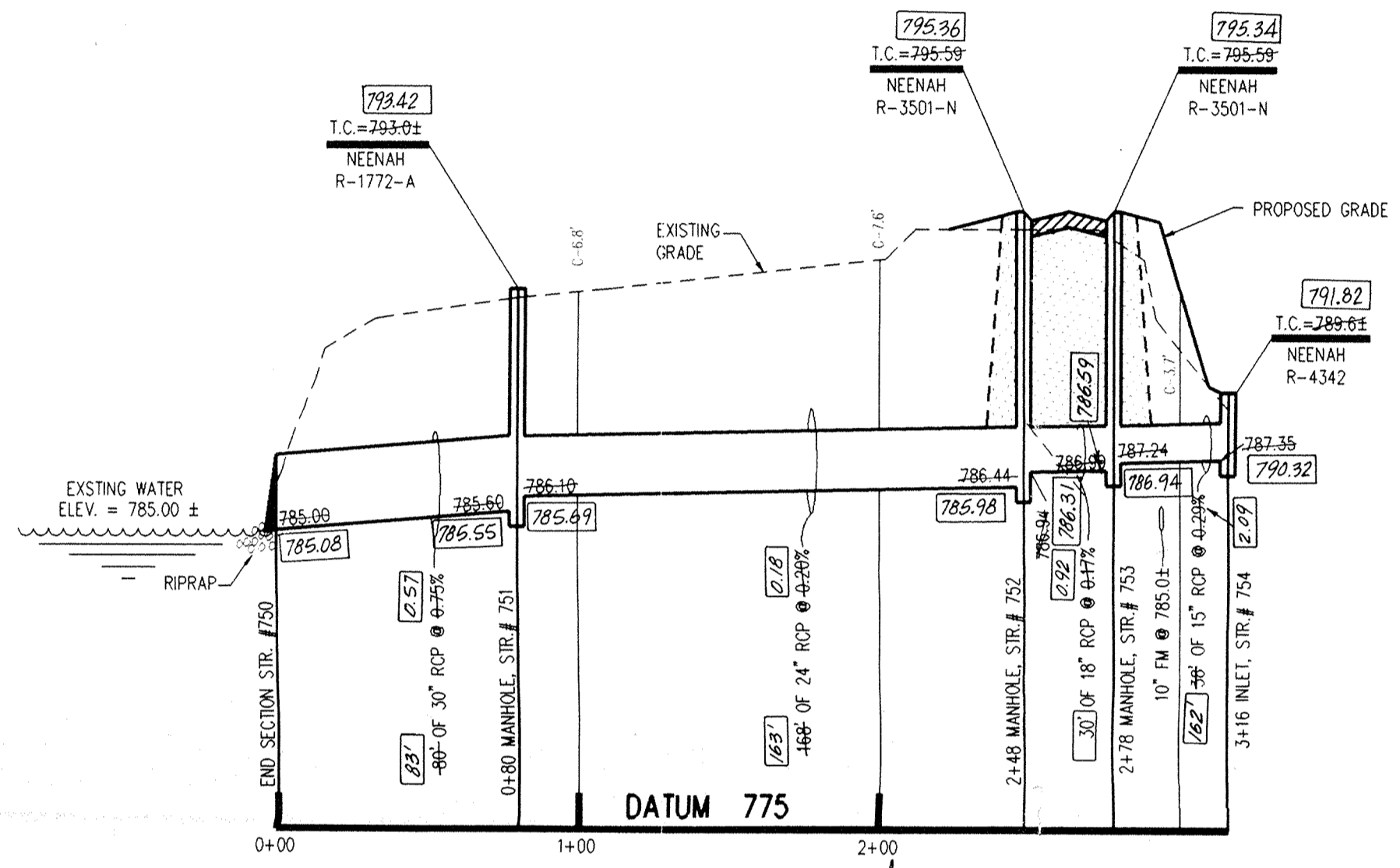
DON'T DIG BLIND



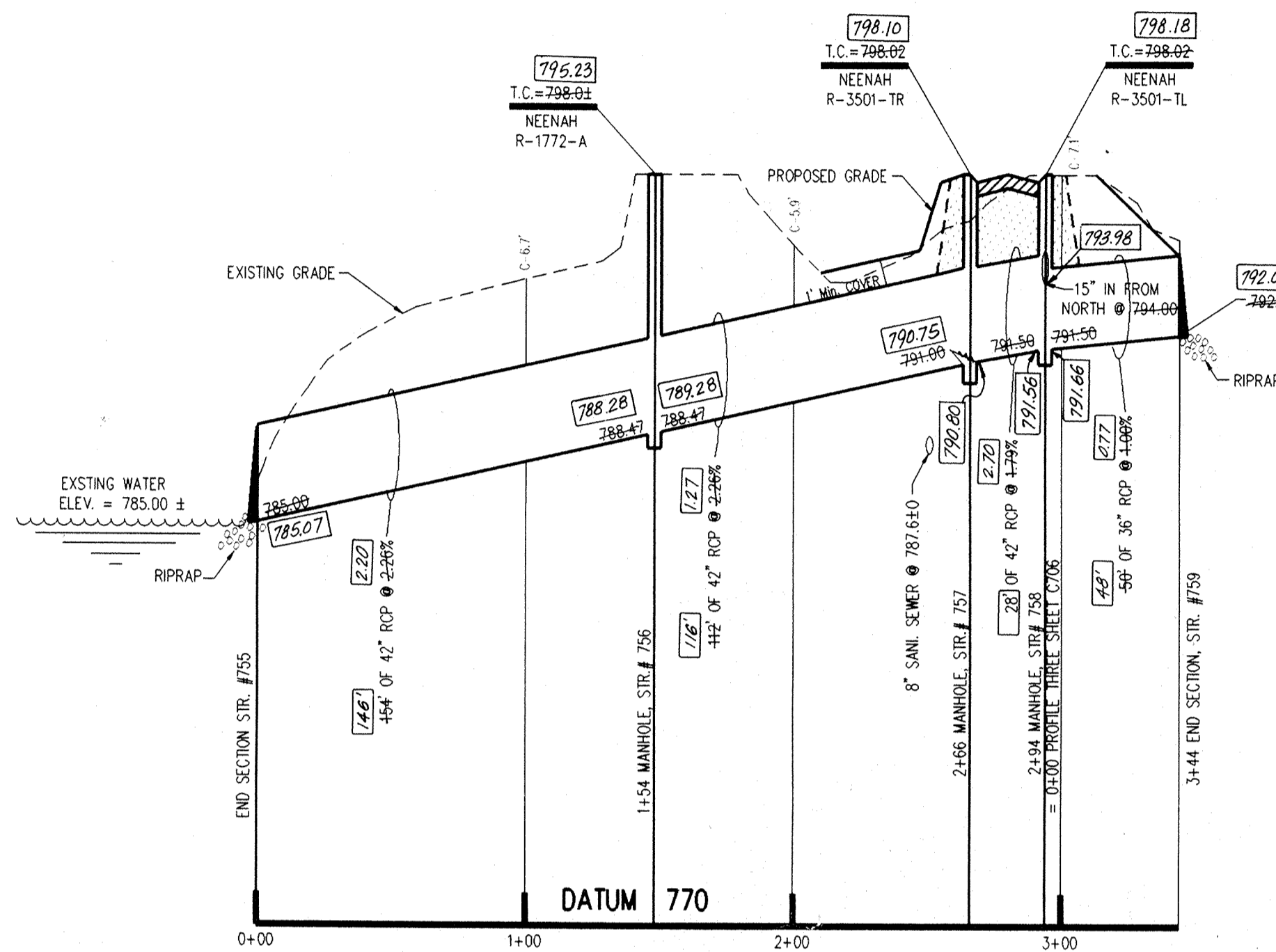
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CALL TOLL FREE
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FOR CALLS OUTSIDE OF INDIANA

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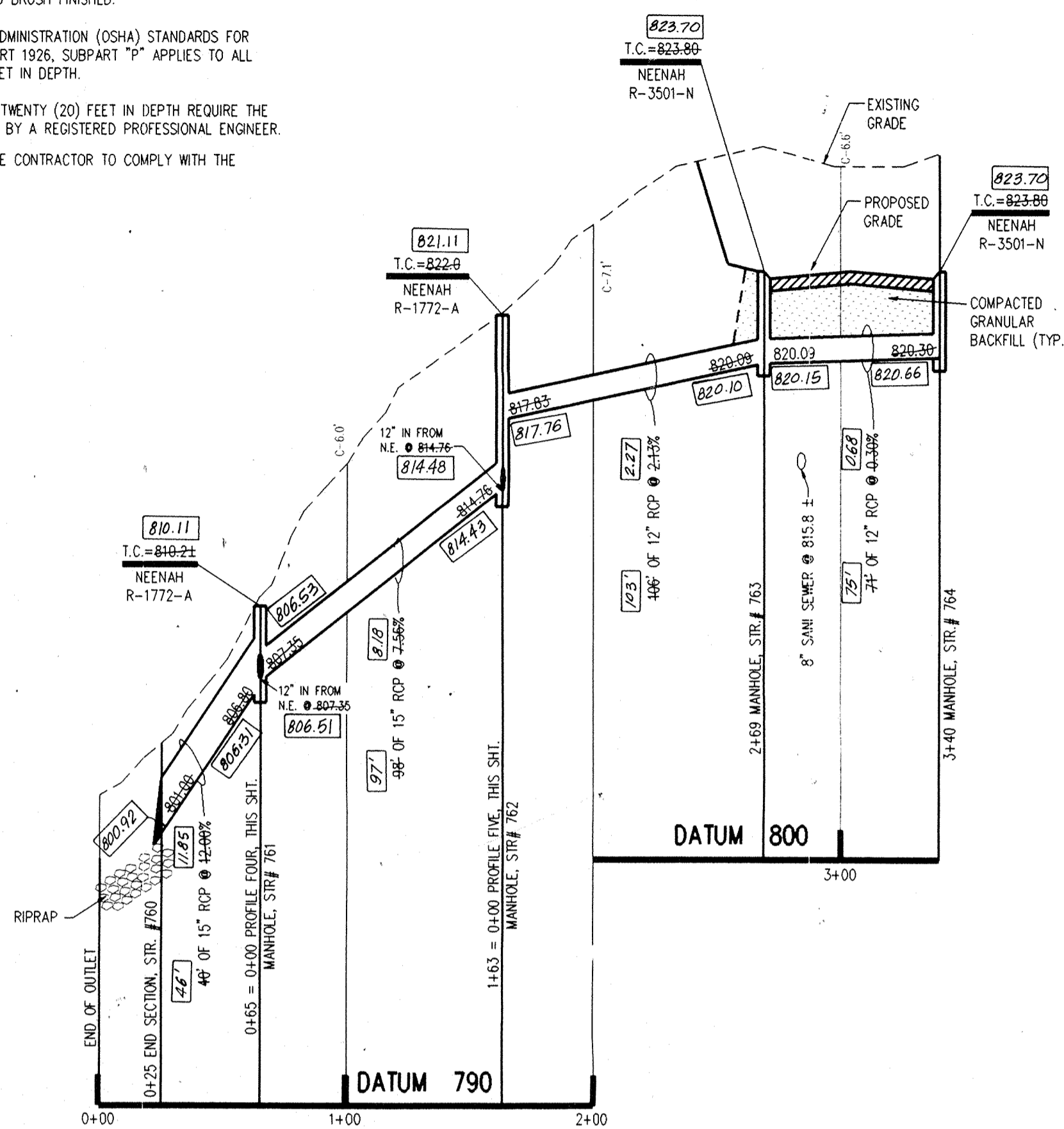
- NOTES:**
- CUTS SHOWN ARE APPROXIMATE, TAKEN FROM EXISTING GRADE TO INVERT OF PIPE.
 - FIELD ADJUSTMENT BY ENGINEER MAY BE REQUIRED AT ALL OUTFALL POINTS TO INSURE PROPER OUTFALL CONDITIONS.
 - ALL STORM DRAINAGE STRUCTURES (IE: MANHOLES, CURB INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCH WALLS SHALL BE TROWELED SMOOTH AND HAVE A BRUSHED FINISHED.
 - ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS AND PIPE CONNECTIONS WELL GROUDED, TROWELED SMOOTH AND BRUSH FINISHED.
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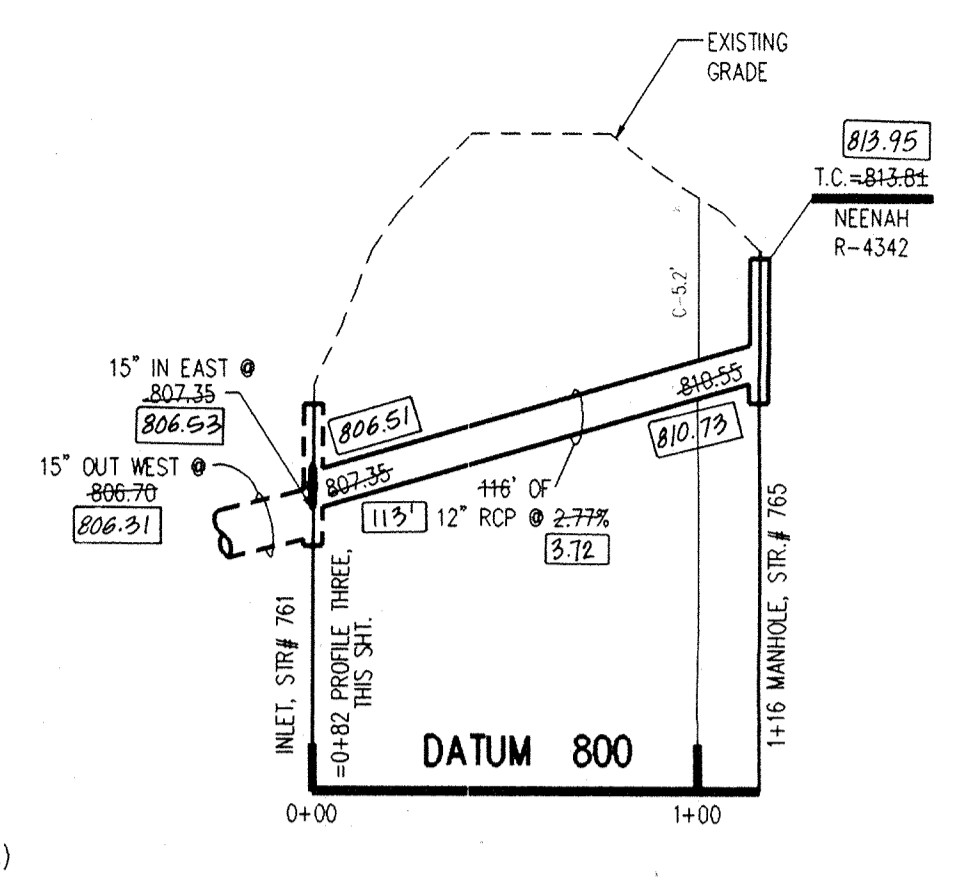
PROFILE ONE



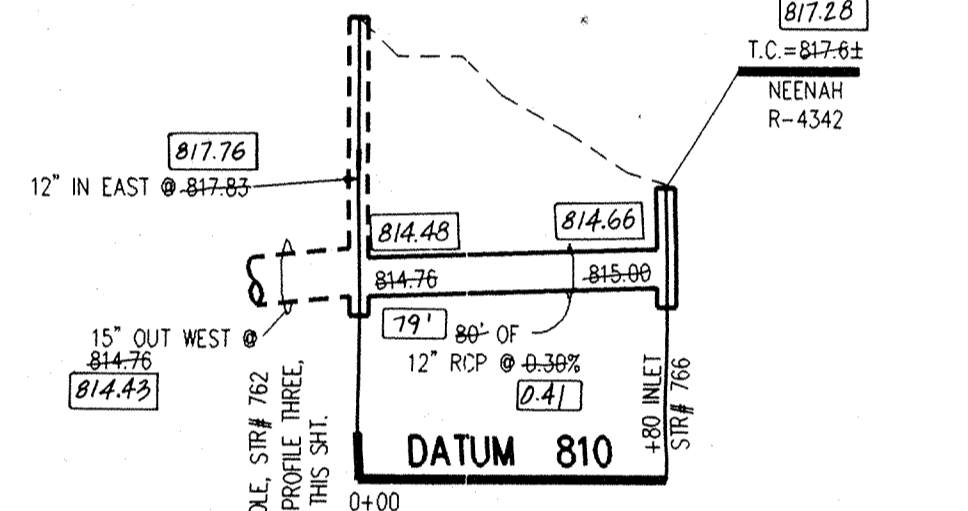
PROFILE TWO



PROFILE THREE



PROFILE FOUR

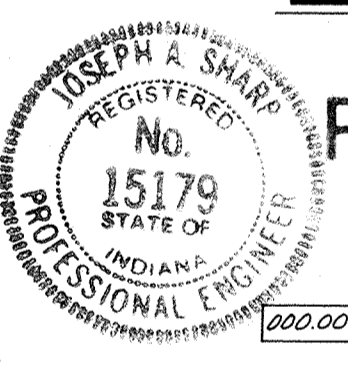


PROFILE FIVE

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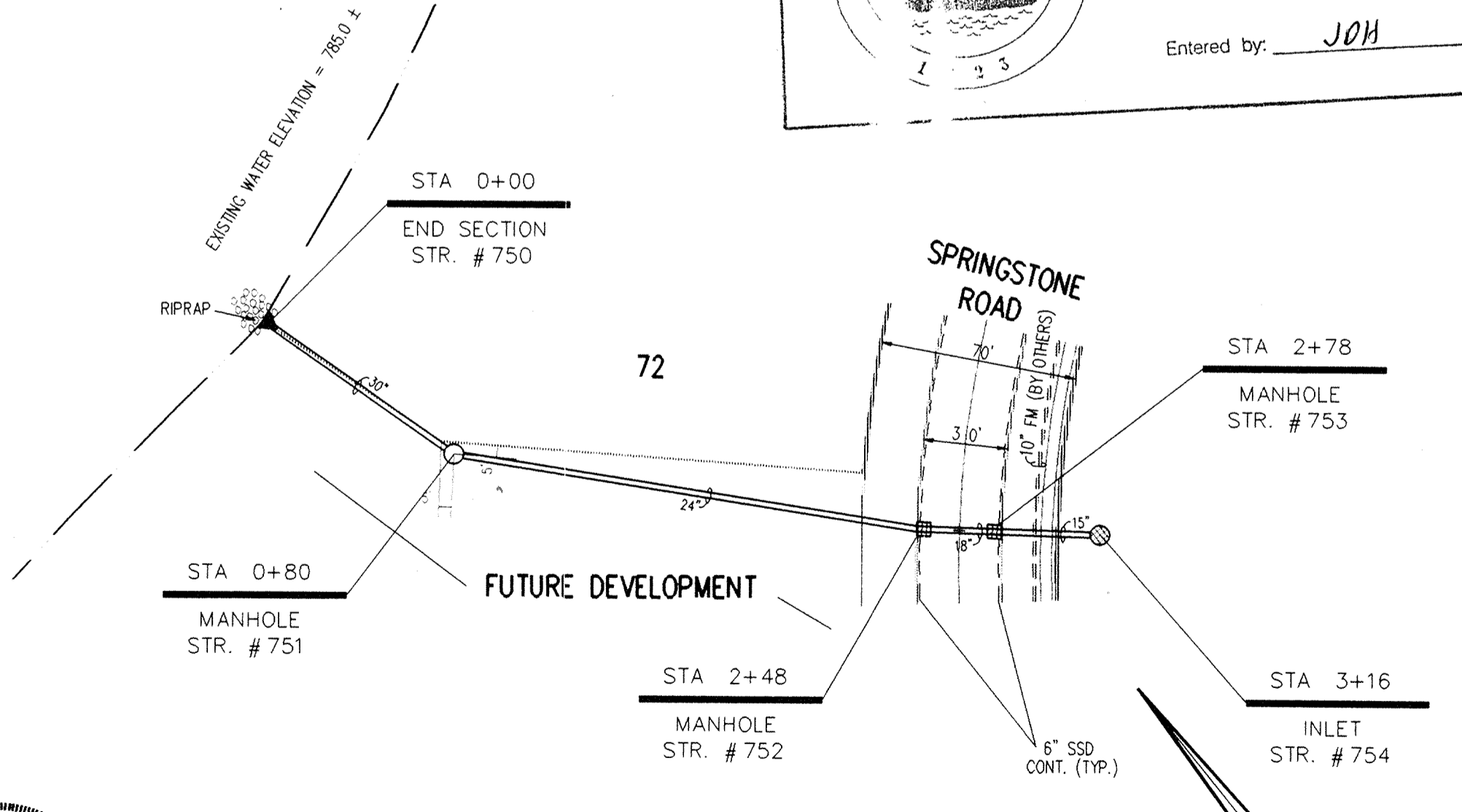
Entry Date: 7-1-04

Entered by: JOH

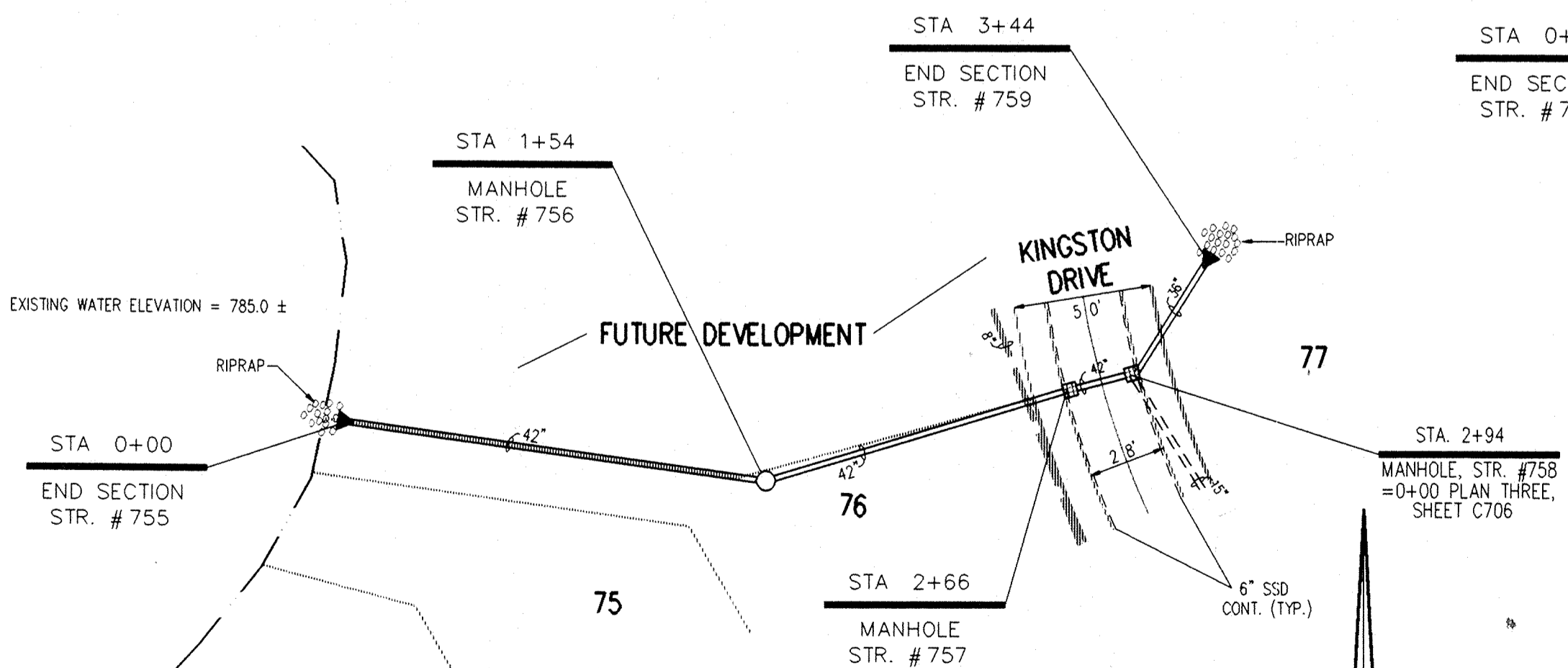


RECORD DRAWING
Certified by Joseph A. Sharp
12/22/99

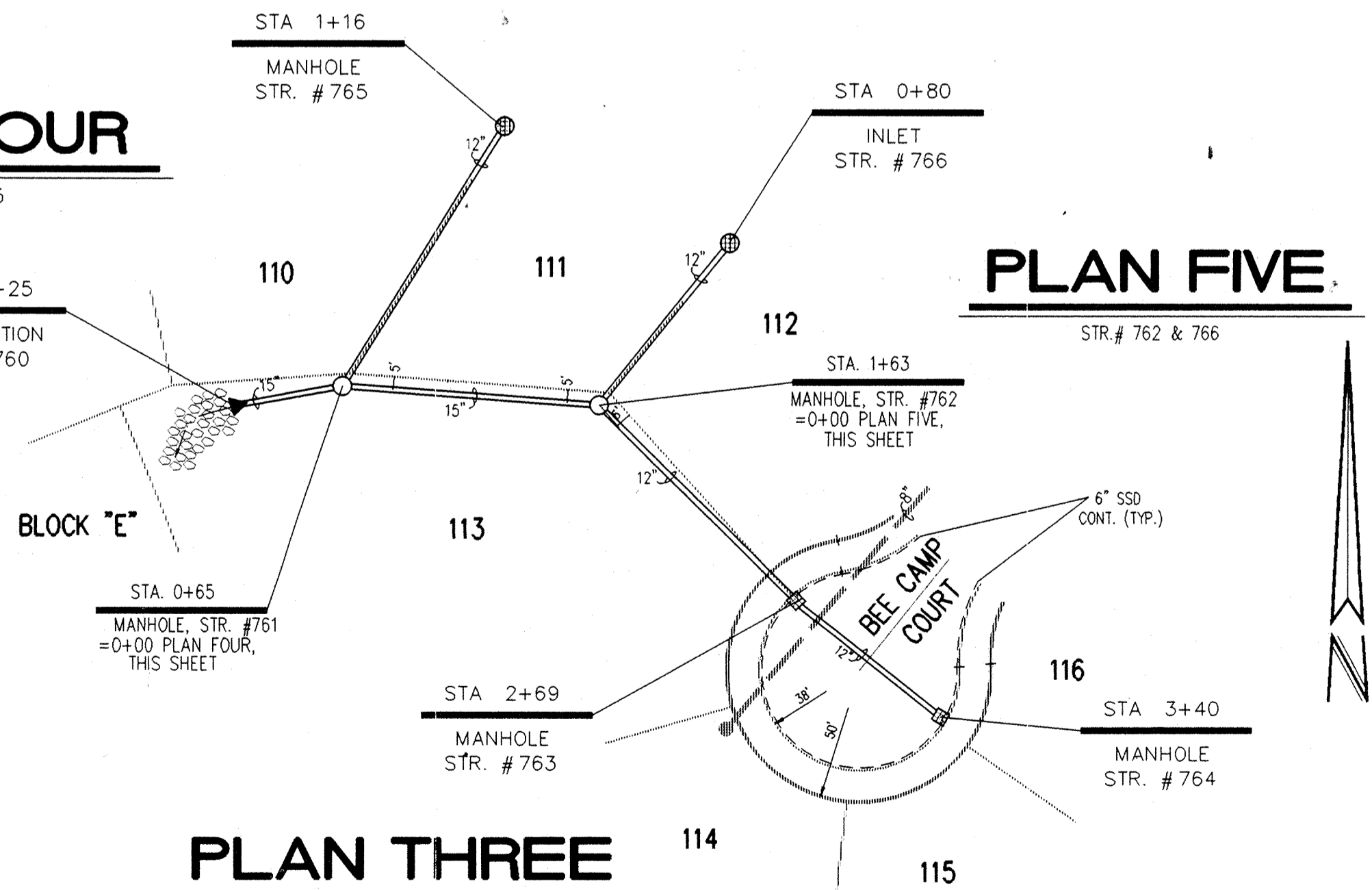
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PLAN ONE



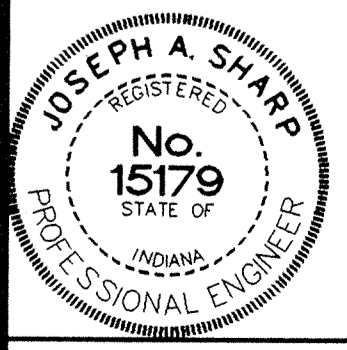
PLAN TWO



PLAN THREE

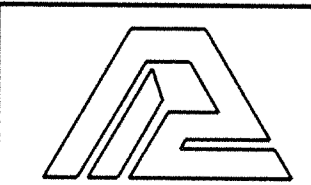
PLAN FOUR

PLAN FIVE



CERTIFIED BY:
Joseph A. Sharp
8.9.94 DATE

REVISIONS		
09/27/93 REVISED PER STREET GRADE REVISIONS	5-9-94 REVISED TO FOR STR. #751	B.1
2-8-94 REVISED PER DRAFTING CHECK	7-21-94 CHANGED INLET TO MANHOLE IF OVER 3' DEEP	B.1
3-15-94 REVISED LOT NUMBERS	12-22-94 AS BUILT STORM SEWERS	B.7
4-11-94 REVISED PLAN TWO		B.1



PAUL I. CRIFE, INC.
7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
(317) 842-6277

• CIVIL ENGINEERING
• LAND SURVEYING
• ARCHITECTURE
• LAND PLANNING

CONCEPT CHK: _____
DRAWN BY: S.L.S.
DRFTNG. CHK: _____

SCALE: HORZ. 50' VERT. 1"=5'
DATE: 8-28-93

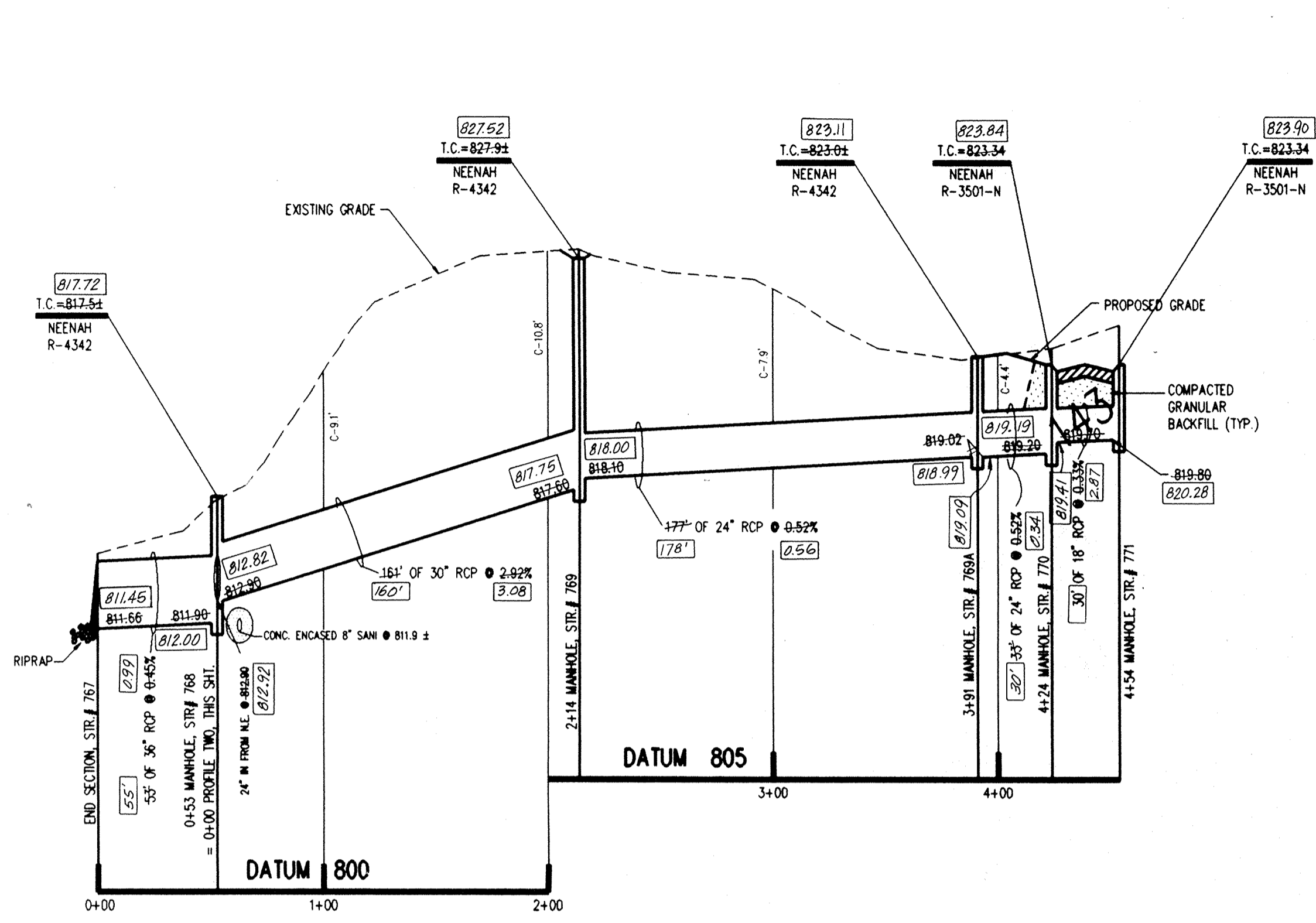
CLIENT: MARINA LIMITED PARTNERSHIP

DWG. TYPE	FILE NUMBER	SHEET:
		C701
JOB NUMBER		
81100-22000		

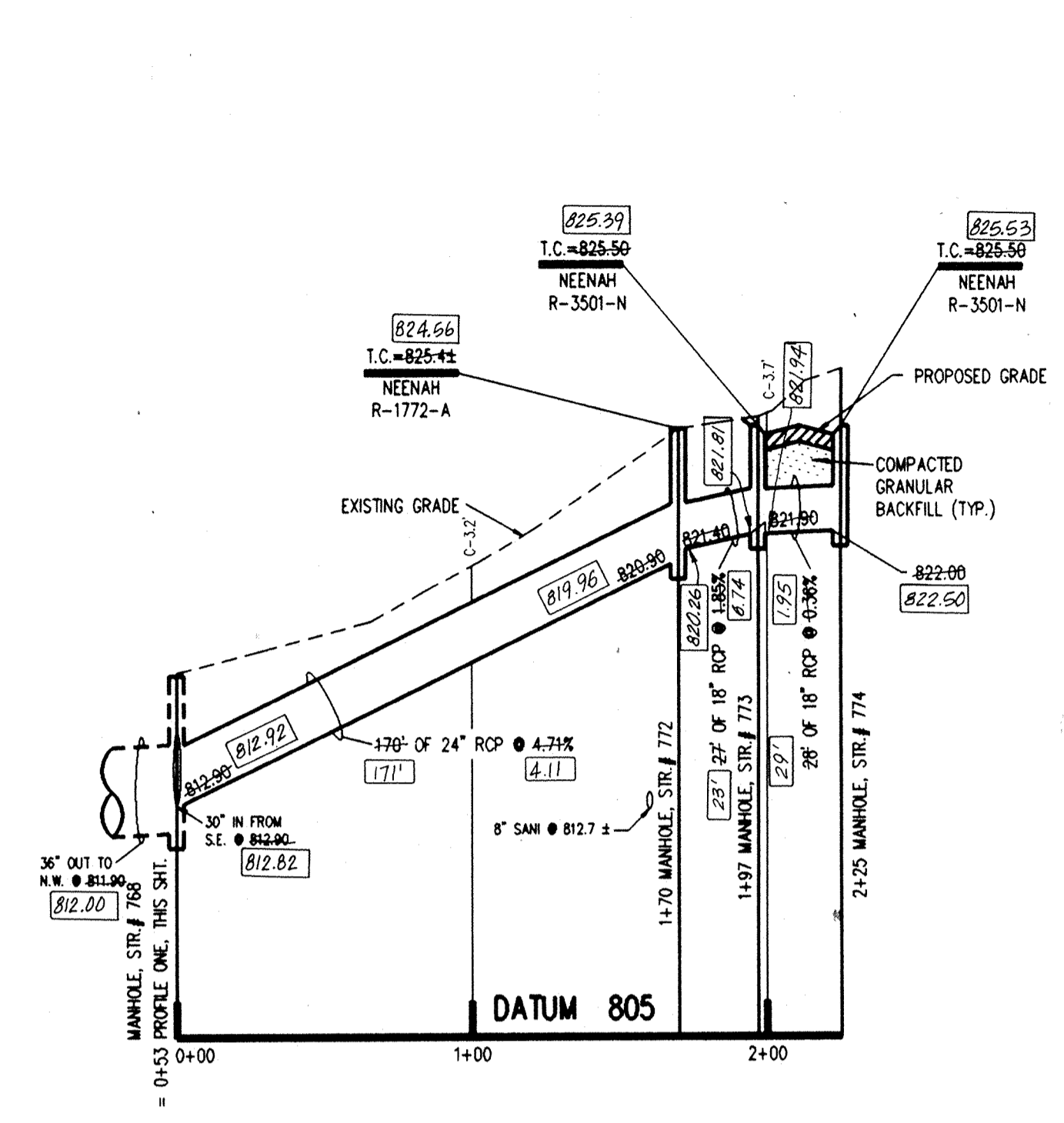
STORM SEWER PLAN & PROFILE

THE SPRINGS OF CAMBRIDGE THREE & FOUR

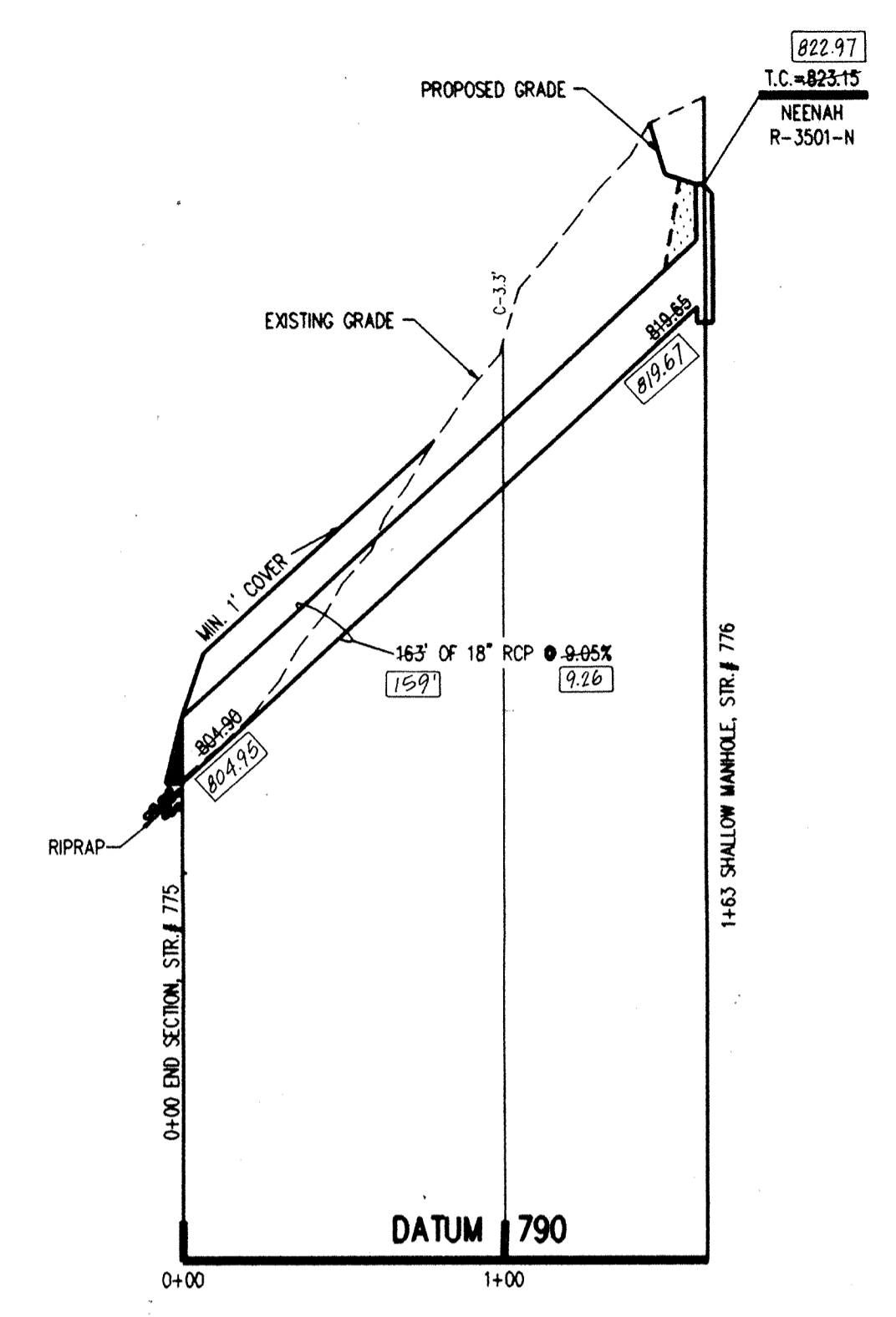
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NOV 15 1993
OFFICE OF HAMILTON COUNTY SURVEYOR



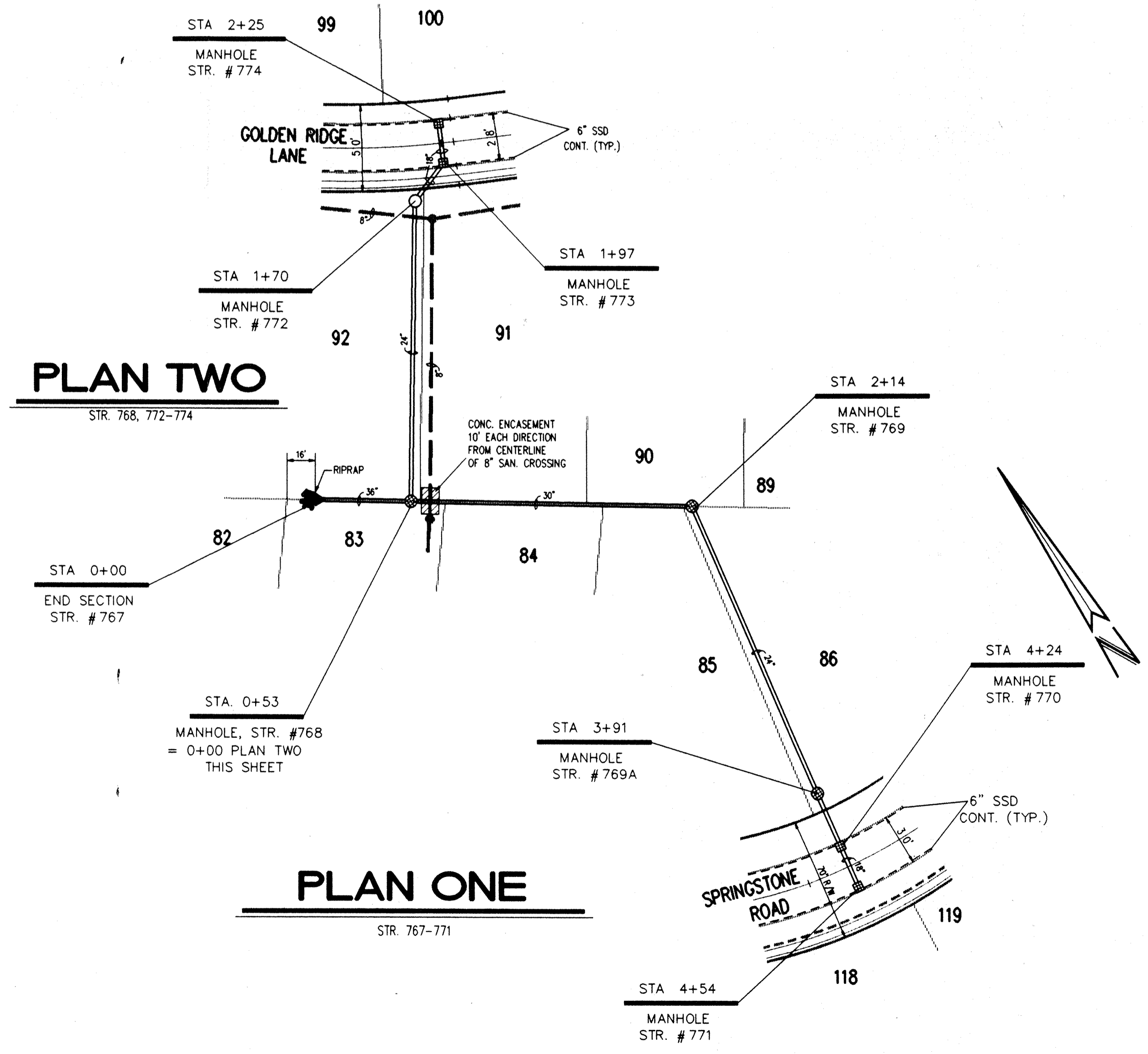
PROFILE ONE



PROFILE TWO



PROFILE THREE



- NOTES:
1. CUTS SHOWN ARE APPROXIMATE, TAKEN FROM EXISTING GRADE TO INVERT OF PIPE.
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Entry Date: 7-1-04

Entered by: JOH

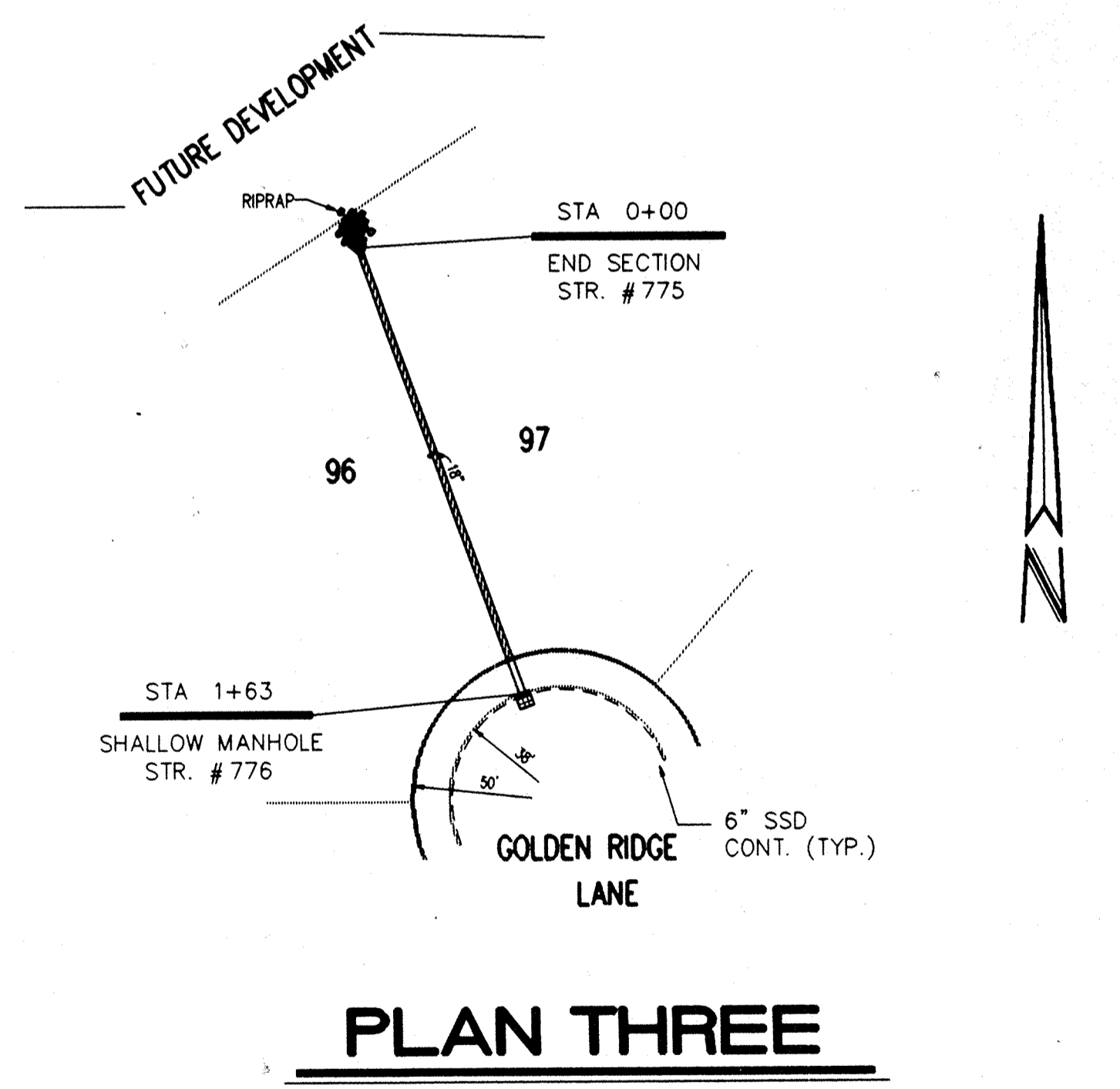
DON'T DIG BLIND

"HOLEY MOLEY" SEZ

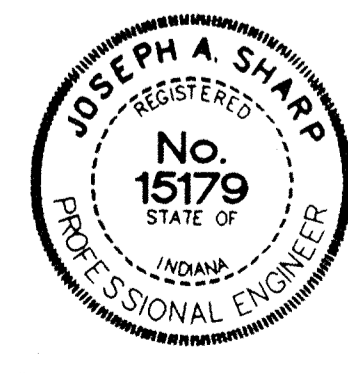
CAUTION

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.

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



PLAN THREE



CERTIFIED BY:
Joseph A. Sharp
3-28-94 DATE

REVISIONS	
09/27/93 REVISED PER STREET GRADE REVISIONS	
2-8-94 REVISED PER DRAFTING CHECK	B.T.
3-15-94 REVISED LOT NUMBERS	B.T.
12-22-94 AS BUILT STORM SEWERS	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: S.L.S.	SCALE: HORZ: 50 VERT: 1"=5'	DATE: 08/28/93	CLIENT: MARINA LIMITED PARTNERSHIP
ENG. CHK:	DRAFTING CHK:	DRAWING TITLE: STORM SEWER PLAN & PROFILE		

DWG. TYPE	FILE NUMBER	SHEET:
		C702
JOB NUMBER		
81100-22000		

RECORD DRAWING

Certified by *Joseph A. Sharp* LED
12/22/94

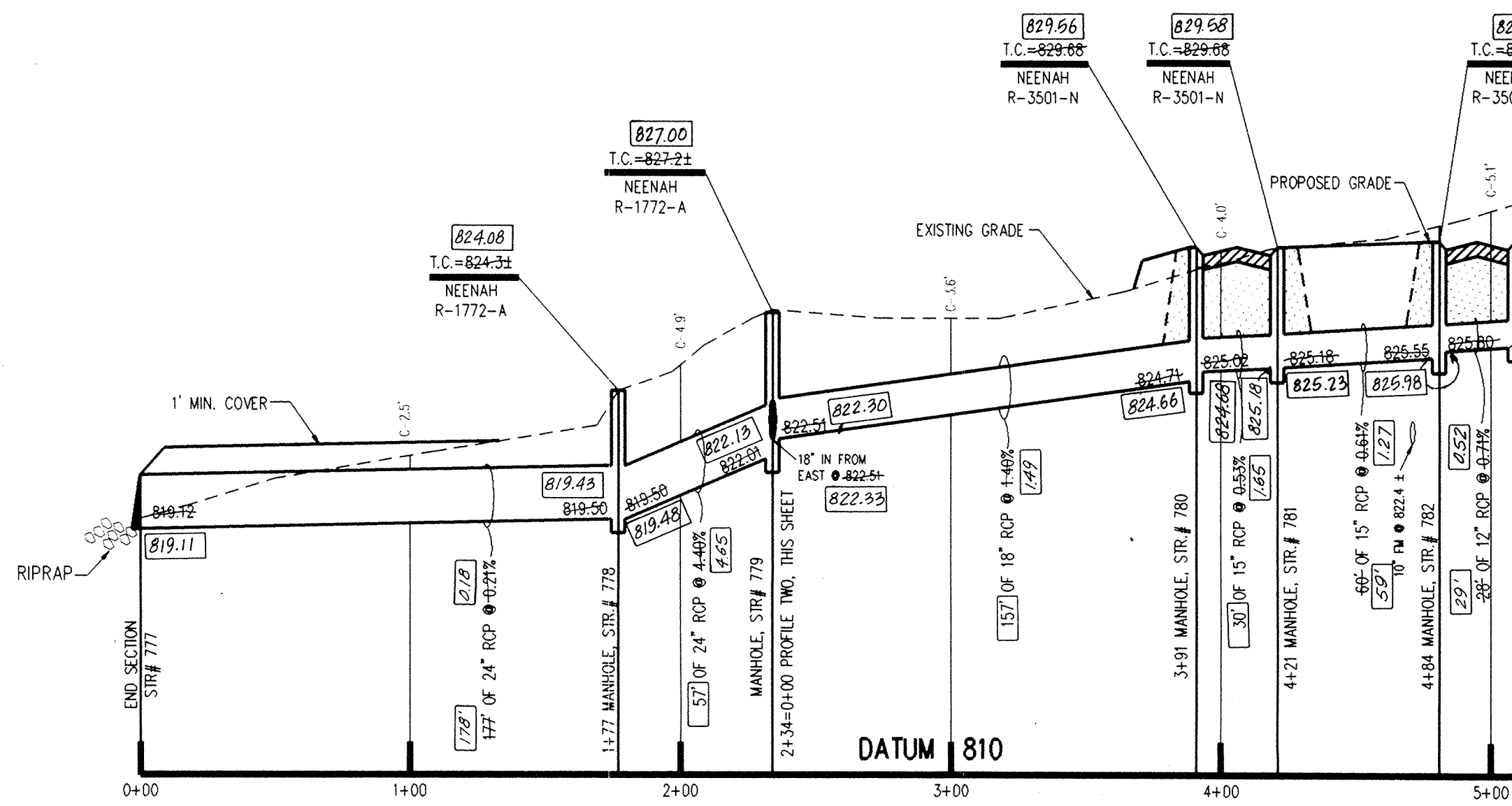
NOV 15 1995
OFFICE OF HAMILTON COUNTY SURVEYOR

THE SPRINGS OF CAMBRIDGE SECTIONS THREE & FOUR

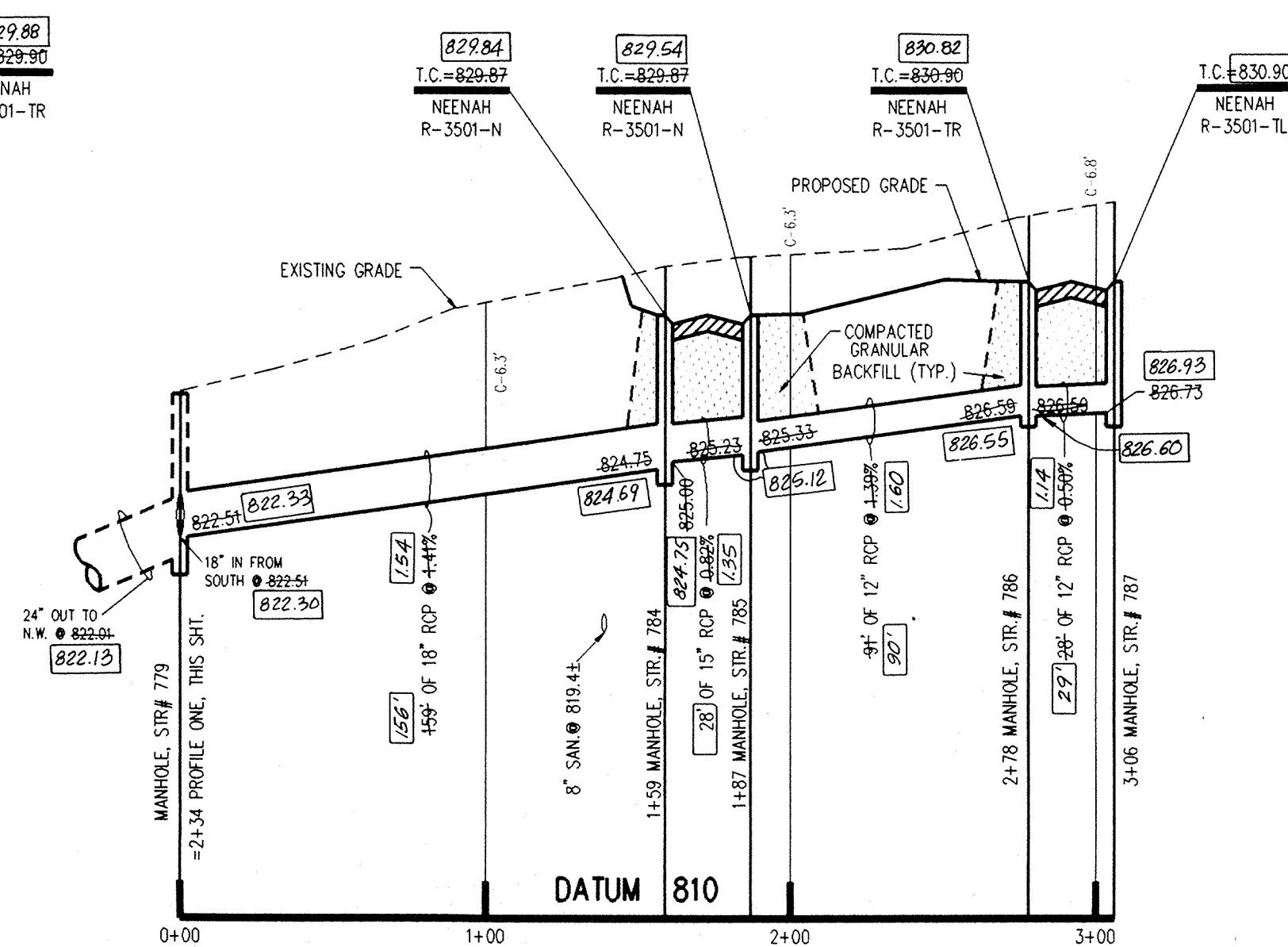
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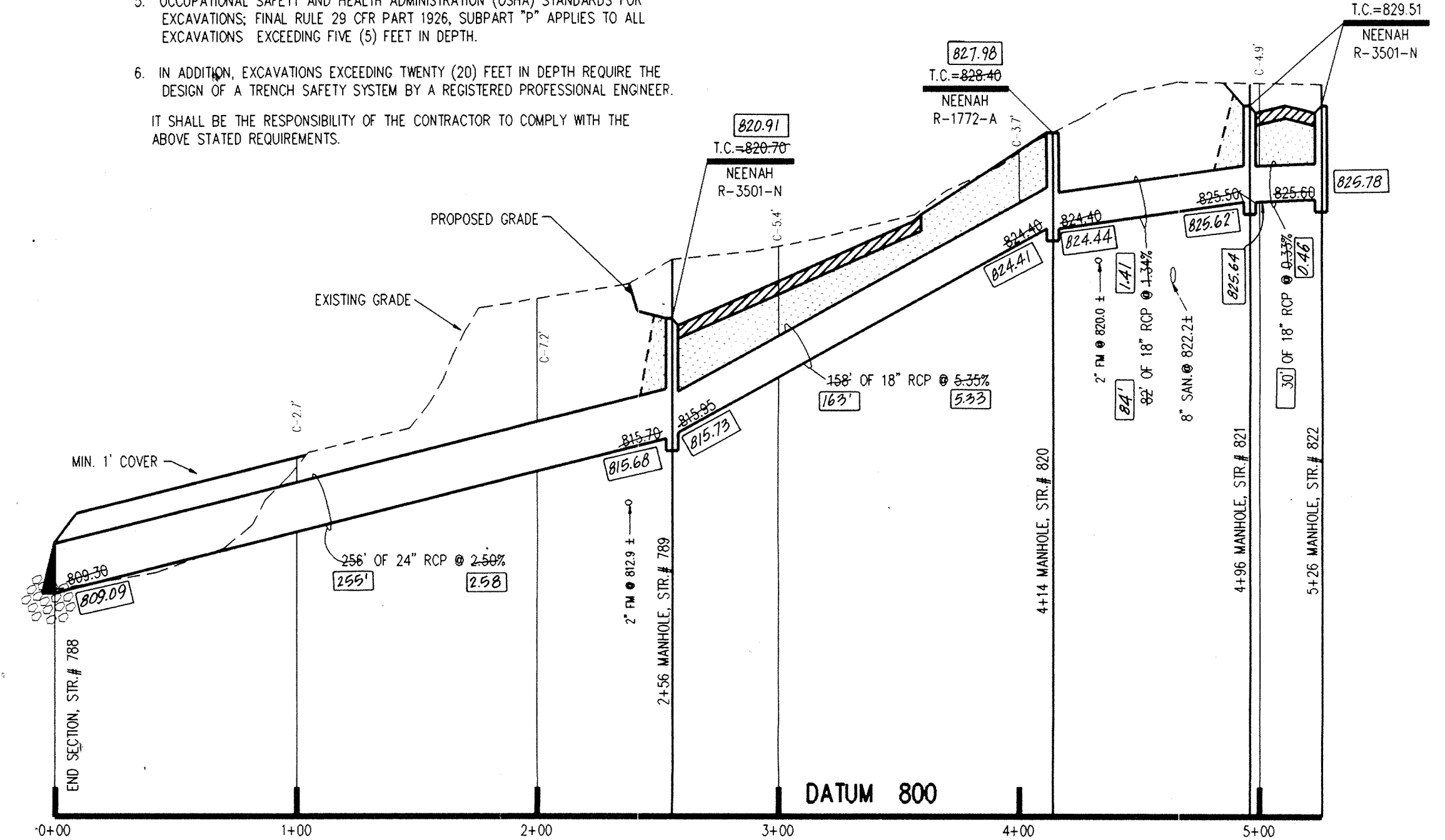
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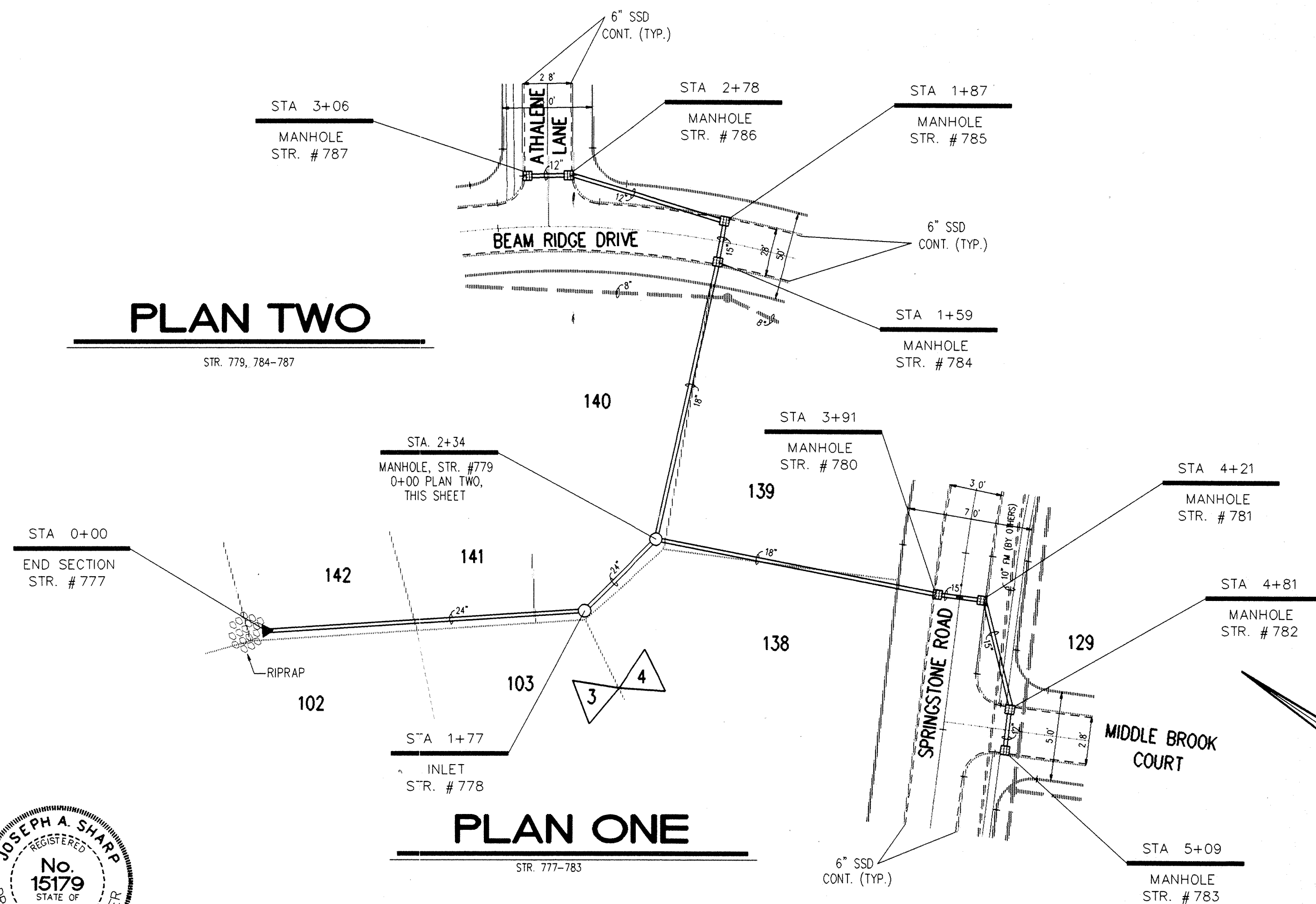
PROFILE ONE



PROFILE TWO

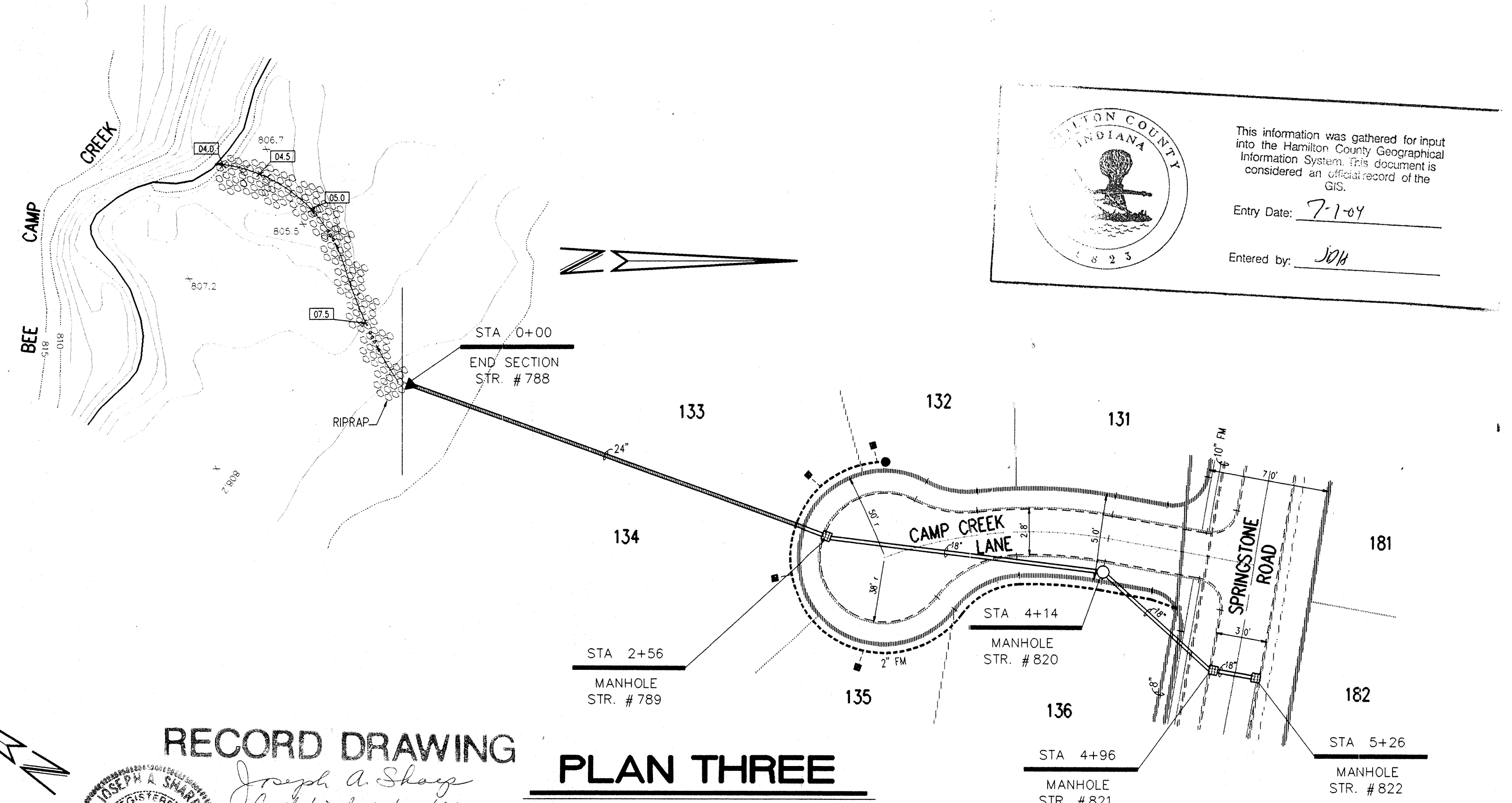


PROFILE THREE



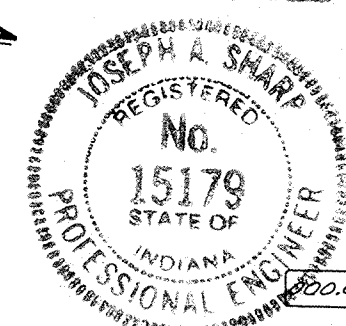
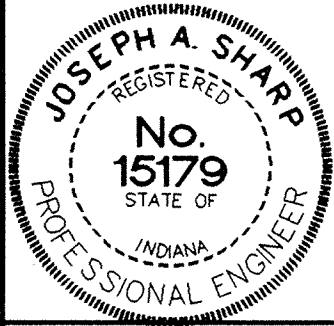
PLAN TWO

PLAN ONE



PLAN THREE

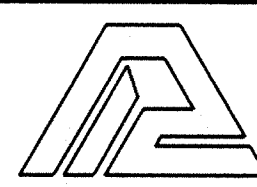
INDIANA COUNTY
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 Entered by: JAH



RECORD DRAWING
 Joseph A. Sharp
 Certified 12/22/94

FILED
 NOV 15 1996
 OFFICE OF HAMILTON COUNTY SURVEYOR

CERTIFIED BY:	REVISIONS
Joseph A. Sharp 8-9-99	9-27-93 REVISED PER STREET GRADE CHANGES 2-8-94 REVISED PER DRAFTING CHECK 1-15-94 REVISED LOT NUMBERS 7-21-94 CHANGED INLETS TO MANHOLES IF OVER 3' DEEP



PAUL I. CRIFE, INC.
 7172 GRAHAM ROAD
 INDIANAPOLIS, INDIANA 46250

- CIVIL ENGINEERING
- LAND SURVEYING
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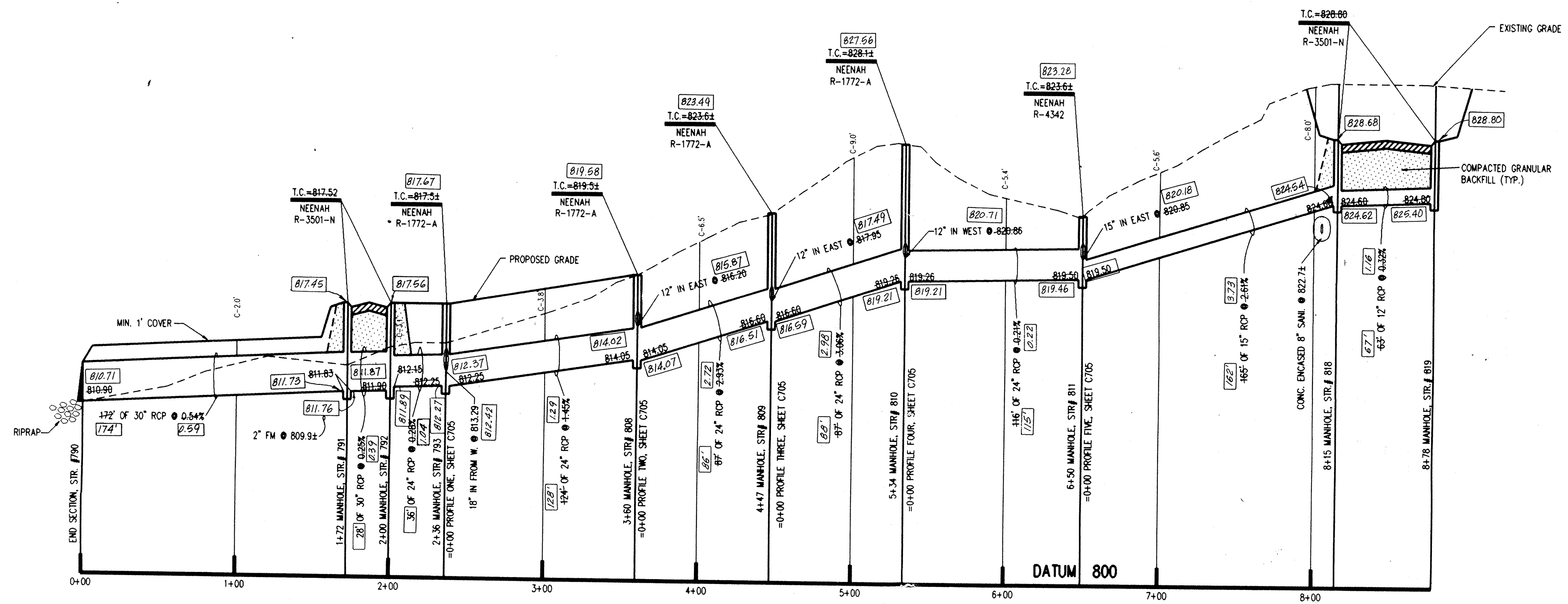
CONCEPT CHK:	DRAWN BY:	SCALE:	DATE:	CLIENT:
ENG. CHK:	DRAFTING CHK:	HORZ. 1"=50' VERT. 1"=5'	08/28/93	MARINA LIMITED PARTNERSHIP

DWG. TYPE:	FILE NUMBER:	SHEET:
		C703

JOB NUMBER:	81100-22000
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STORM SEWER PLAN & PROFILE

THE SPRINGS OF CAMBRIDGE THREE & FOUR



PROFILE ONE

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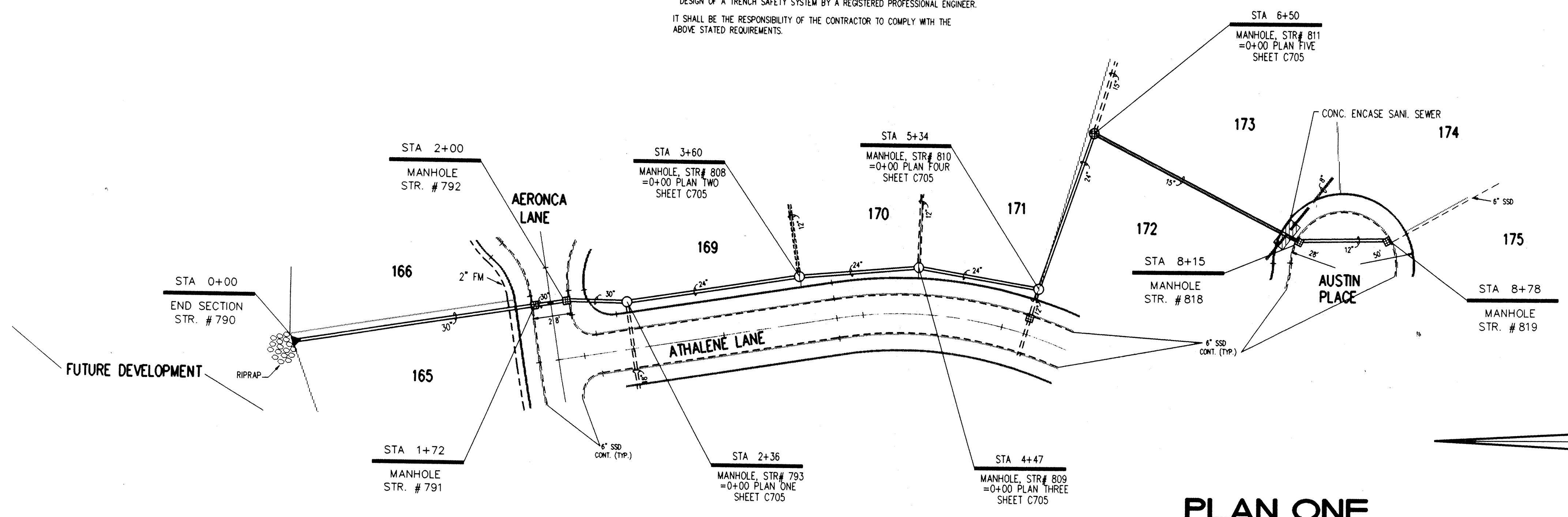
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PLAN ONE

HAMILTON COUNTY INDIANA

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Entry Date: 7-1-04
Entered by: JOH

JOSEPH A. SHARP
REGISTERED
No. 15179
STATE OF INDIANA
PROFESSIONAL ENGINEER

JOSEPH A. SHARP
REGISTERED
No. 15179
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECORD DRAWING
Certified By Joseph A. Sharp
12/22/94
FILED
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OFFICE OF HAMILTON COUNTY SURVEYOR

CERTIFIED BY: <i>Joseph A. Sharp</i> 1-3-28-94 DATE	REVISIONS		PAUL I. CRIFE, INC. 7172 GRAHAM ROAD INDIANAPOLIS, INDIANA 46250 (317) 842-6777	• CIVIL ENGINEERING • LAND SURVEYING • ARCHITECTURE • LAND PLANNING	CONCEPT CHK:	DRAWN BY: S.L.S.	SCALE: HORZ. 1"=50' VERT. 1"=5'	DATE: 08/28/93	CLIENT: MARINA LIMITED PARTNERSHIP	DWG. TYPE	FILE NUMBER	SHEET: C704
	9-27-93 REVISED PER STREET GRADE REVISIONS 2-8-94 REVISED PER DRAFTING CHECK 3-15-94 REVISED LOT NUMBERS 12-22-94 AS BUILT STORM SEWERS	B.T. B.T. B.T.			ENG. CHK: DRFTNG. CHK:	DRAWING TITLE: STORM SEWER PLAN & PROFILE	JOB NUMBER 81100-22000					

THE SPRINGS OF CAMBRIDGE SECTIONS, THREE & FOUR