

Drain: TIMBER HEIGHTS DRAIN **Drain #:** 222
Improvement/Arm: WILSON POND - SECTION 3
Operator: JOH **Date:** 7-29-04
Drain Classification: Urban/Rural **Year Installed:** 1989

GIS Drain Input Checklist

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

Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: TIMBER HOLLOW DRAIN - WINDEN ROAD - SECTION 3

Drain Type:	Size:	Length <i>SUBMITTED RECORD</i>	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
SSD	6"	2265'	2265'	Ø		
RLP	12"	1,049'	1048.5	-1.5		
	15"	207	207'	Ø		
	18"	30'	30'	Ø		
	21"	151'	151'	Ø		

Sum: 3,702 3,701.5' -1.5

Final Report: _____

Comments:
ERRORS ARE DISCLOSED ON 12" RLP LENGTHS



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

776-9626

942 Maple Avenue

Noblesville, Indiana 46060

May 23, 1989

To: Hamilton County Drainage Board

Re: Timber Heights Drain
Walden Pond, Section 3

Attached is a petition, non-enforcement request, plans, quantity summary and assessment roll for the Walden Pond Section 3 Arm to the Timber Heights Drain.

I have reviewed the submittals and petition and 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" SSD - 2660'	15" RCP - 217'	21" RCP - 158'
12" RCP - 1069'	18" RCP - 30'	

The total length of the drain will be 4134 feet.

Assessments:

Hamilton County Highway Dept.	Westfield Blvd.	1.64 Acres
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Estridge Group	Lots 40 to 75 & 105 to 126 Gwin Dr., Fahey Dr., Franklin Ct., & Estep Dr. & Upton Ct.
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These are private streets and Tax Mapping will have to assign parcel numbers to them.

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, and \$5.00 per acre for roadways. With this assessment the total


annual assessment for the drain this section will be \$1,868.20.

The maintenance of the lakes will be the responsibility of the home owners association. The regulated drain will end and begin at the lakes inlets and outlets and the lake will not be part of the regulated drain. The SSD under the streets will not be part of the regulated drain.

The lengths involved with this section are those between the following structures: 1,2,3,4; 11A,11,10,9,8; 48,48A; 15,15A; 13A,13,14,12; 16A,16,17,18 and 19. The following lengths of SSD will be considered part of the regulated drain: Rear lots 58 to 62 into Str. 48; rear lots 49 to 56 into Str. 8; rear lots 42 to 47 into Str. 2; lot 40 into SSD entering Str. 46 to south; rear lots 63 to 67 into Str. 19; rear lots 68 to 73 and 74 to 78 into Str. 22; and rear lots 78 to 81 into Str. 56.

I recommend a hearing be set for July 1989. I also recommend that the non-enforcement request be approved upon approval of this report at the July hearing.

KCW/jh



Kenton C. Ward,
Hamilton County Surveyor

XXXXXX
XXXXXX

UNION STATE BANK

21 Jefferson Square • P. O. Box ~~388~~ • Carmel, Indiana 46032
1710

TELEPHONE
AREA CODE 317
846-7381

IRREVOCABLE
LETTER OF CREDIT NO. **2851** REPLACES NO. 3014

DATE April 24, 1989

BENEFICIARY

Hamilton County Commission and/or
Drainage Board

~~Walden Road, Section 1111~~
Storm Sewer

FOR ACCOUNT OF

Estridge Development Corp.
148 West Carmel Drive
Carmel, Indiana 46032

GENTLEMEN:

WE HEREBY ESTABLISH OUR CREDIT IN YOUR FAVOR, FOR THE ACCOUNT INDICATED ABOVE, FOR A SUM OR SUMS NOT EXCEEDING AN AGGREGATE AMOUNT OF Eleven Thousand, Four Hundred Fifty and no/100 Dollars (\$11,450.00)

FUNDS ARE AVAILABLE BY YOUR DRAFT(S) AT Carmel, Indiana
UNION STATE BANK P. O. Box 1710, Carmel, Indiana 46032

DRAWN ON UNION STATE BANK

Drafts are to be accompanied by:

Original Letter of Credit

ALL DRAFTS DRAWN UNDER THIS LETTER OF CREDIT ARE TO BE ENDORSED HEREON AND SHALL BEAR THE CLAUSE "DRAWN UNDER UNION STATE BANK LETTER OF CREDIT No. (AS INDICATED ABOVE)," and must be drawn and presented on or before April 1, 1990

WE HEREBY AGREE WITH YOU THAT ALL DRAFTS DRAWN UNDER AND IN COMPLIANCE WITH THE TERMS OF THIS LETTER OF CREDIT WILL BE DULY HONORED UPON PROPER PRESENTATION.

Except as otherwise expressly stated herein this Credit is subject to the Uniform Customs and Practice for Documentary Credits ¹⁹⁸³ ~~1979~~ Revision), International Chamber of Commerce, Publication ~~200~~ 400.

VERY TRULY YOURS,


AUTHORIZED SIGNATURE

Kenneth E. Allen, Executive Vice President
TITLE



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

March 10, 1997

**Re: Timber Heights Drain - Walden Pond
Sec. 3 Arm**

Attached are as-builts and other information for Walden Pond Sec. 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 May 23, 1989. The changes are as follows:

- Str. 1-2 12" RCP which was shortened from 40' feet to 30' feet.
 - Str. 15A-15 12" RCP which was shortened from 202' feet to 201' feet.
 - Str. 19-18 12" RCP which was lengthened from 100' feet to 100' feet.
 - Str. 18-17 12" RCP which was shortened from 169' feet to 160' feet.
 - Str. 16-16A 15" RCP which was shortened from 157' feet to 147' feet.
 - Str. 12-13 12" RCP which was shortened from 47' feet to 40' feet.
 - Str. 13-13A 12" RCP which was lengthened from 30' feet to 31' feet.
 - Str. 9-10 12" RCP which was lengthened from 24' feet to 43' feet.
 - Str. 48-48A 12" RCP which was lengthened from 165' feet to 169' feet.
- The corrected total of 6" SSD is 2,265' feet.

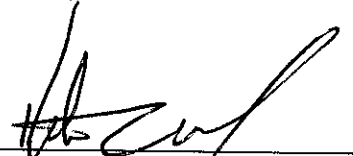
The length of the drain due to the changes described above is now **3702' feet**.

The non-enforcement was approved by the Board at its meeting on August 21, 1989 and recorded under instrument #891820.

The bond or letter of credit from Union State Bank, number 2851, dated April 24, 1989, in the amount of \$11,450.00, has been recommended for release in a letter to the Commissioners dated February 20, 1991. Note: The majority of section 3 was bonded under the letter of credit of Sec. 1 with the exception of the sub-surface drains. This bond was recommended for release in a letter to the commissioners dated February 20, 1991. The bond from Union State Bank, number 2852, dated April 24, 1989, in the amount of \$1,775.00 has expired.

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

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

Asbuilt Structures

Project: Walden Pond Sec. 3

Structure: T.C.: I.E.: Pipe: Length: Original Plans: Difference:

STR 1	808.63	806.23				
STR 2	808.39	805.59	12"	30'	FRM 40'	-10
STR 2	808.39	805.59				
STR 3	808.90	804.89	12"	124'		
STR 3	808.90	804.68				
STR 4	808.86	804.41	18"	30'		
STR 15A	-	789.30				
STR 15	-	790.35	12"	201'	FRM 202	-1
STR 19	781.57	785.21				
STR 18	790.47	784.77	12"	101'	FRM 100'	+1
STR 18	790.47	784.92				
STR 17	786.11	783.56	12"	160'	FRM 169'	-9
STR 17	786.11	782.85				
STR 16	786.21	782.60	15"	30'		
STR 16	786.21	782.35				
STR 16A	-	780.26	15"	147'	FRM 157	-10
STR 12	799.93	795.16				
STR 13	798.67	795.09	12"	40' 30.5'	FRM 47	-7

6" SSD Streets:

Total: _____

RCP Pipe Totals:

6" SSD Lots:

74-80	425
68-73	320
63-67	360
57-62	320
48-56	480
47-42	245
41-40	115

Total: 2265

Other Drain:

Total Length of Drain: _____

Asbuilt Structures

Project: WALDEN POND SEC. 3

Structure: T.C.: I.E.: Pipe: Length: Original Plans: Difference:

STR 14	798.50	795.58				
STR 13	798.67	795.09	12"	30'		
STR 13	798.67	793.49				
STR 13A	-	789.30	12"	31'	FRM 30'	-1
STR 8	805.13	801.42				
STR 9	805.8	800.70	12"	120'		
STR 9	805.8	800.70				
STR 10	805.75	800.25	12"	43'	FRM 24'	+19
STR 10	805.75	800.23				
STR 11	805.40	798.59	15"	30'		
STR 11	805.40	794.6				
STR 11A	-	789.23	21"	151'	FRM 158'	
STR 4B	794.99	791.17				
STR 4BA	-	790.39	12"	169'	FRM 165'	+4

6" SSD Streets:

Total: _____

6" SSD Lots:

Total: 2265

RCP Pipe Totals:

12"	1049'
15"	207'
18"	30'
21"	151'

Other Drain:

Total Length of Drain:

3701.5
3702' feet.



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

776-9626

942 Maple Avenue

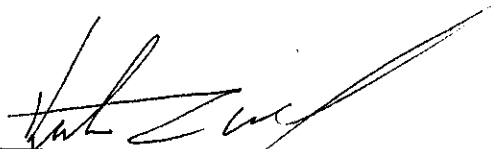
Noblesville, Indiana 46060

February 20, 1991

To: Hamilton County Commissioners

Re: Timber Heights Drain
Walden Pond Sec. 3 Arm

The drainage facilities for the Walden Pond Sec. 3 Drain has been inspected and found to be complete and acceptable. I therefore recommend that the surety for this project, Union State Bank, Letter of Credit 2851 (replaces 3014) for \$11,450.00, be released.

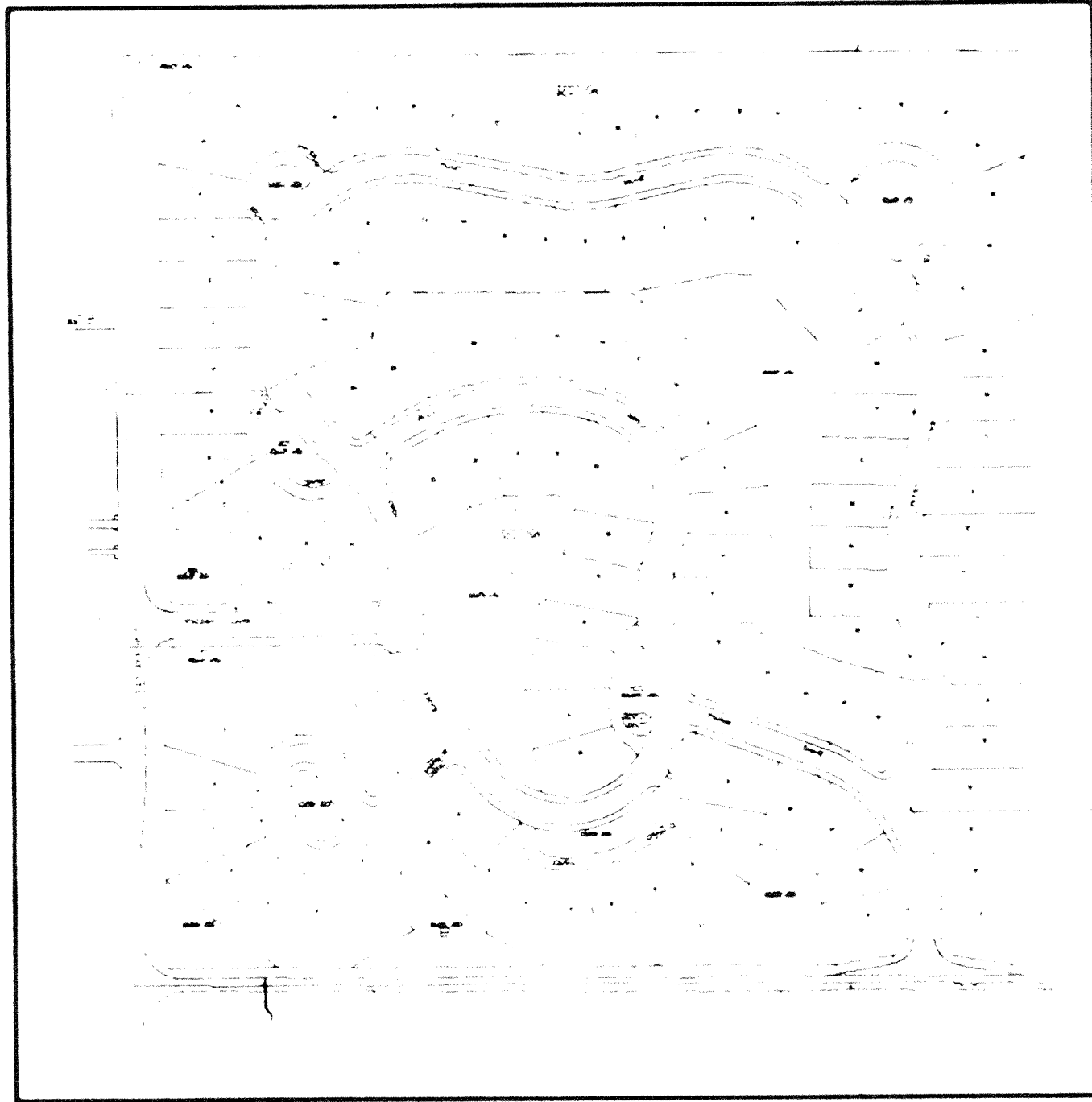


Kenton C. Ward,
Hamilton County Surveyor

KCW/jh

CONSTRUCTION PLANS FOR
 WALDEN POND
 99th & WESTFIELD BLVD.

INDEX	
SHEET	DESCRIPTION
1	TITLE SHEET
2	AS BUILT DEVELOPMENT PLAN
3-6	PLAN & PROFILE SHEETS



PLANS PREPARED FOR
 ESTRIDGE DEVELOPMENT CO.
 148 WEST CARMEL DRIVE
 CARMEL, INDIANA 46032

I certify that these drawings represent an as-built survey performed under my supervision and therefore set my hand and seal this 7th day of May, 1989.



John R. Heselman, S0386

THE ESTRIDGE GROUP
 148 W. Carmel Dr.
 Carmel, IN
 46032

Paul Estridge, Jr., P.E.
 PAUL ESTRIDGE, JR., P.E.

Sanitary and Storm
 AS-BUILTS

SECTION III

PREPARED BY:

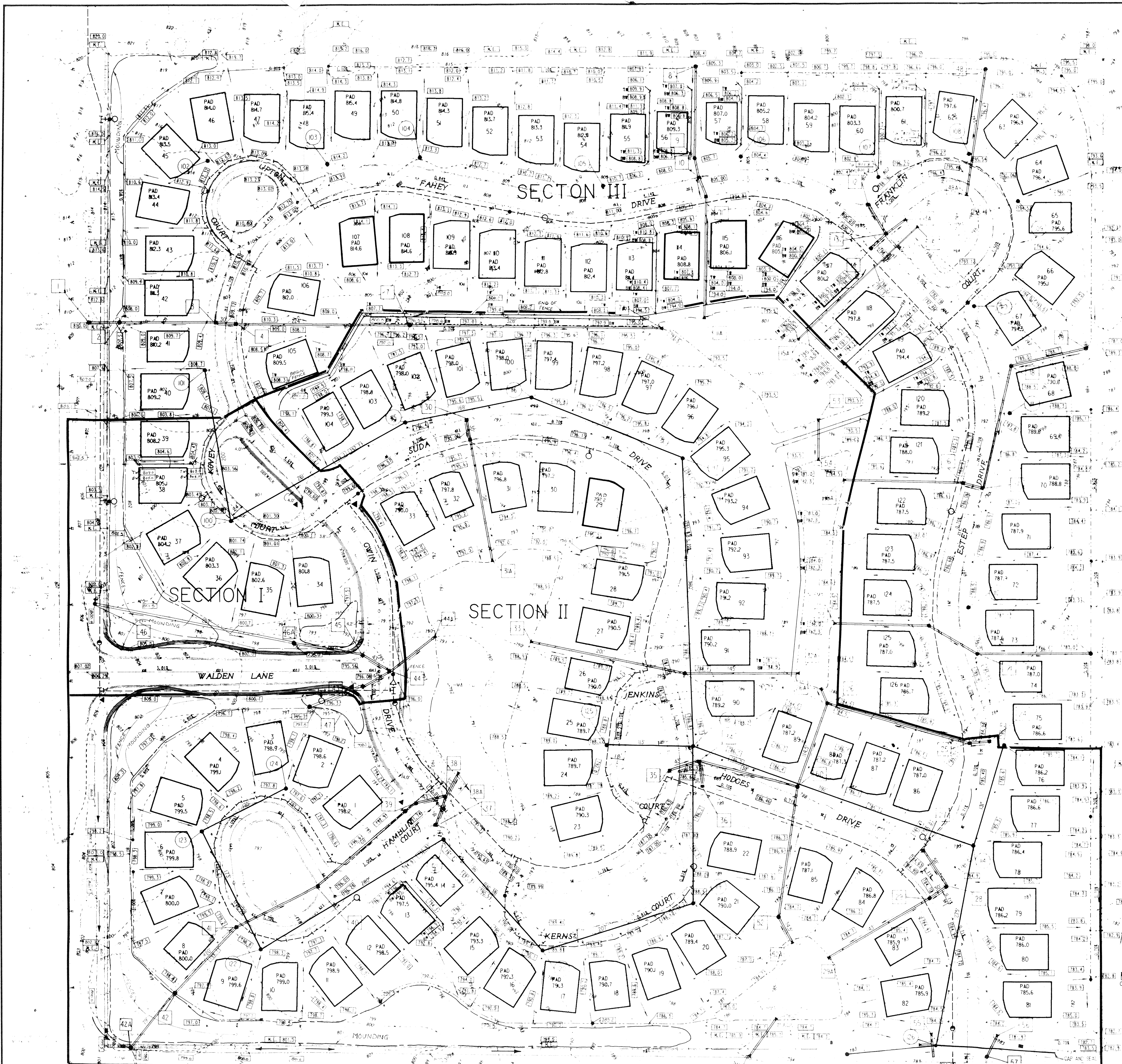


SHEET 1 OF 6

JOB No. 65-16066-01

FILED

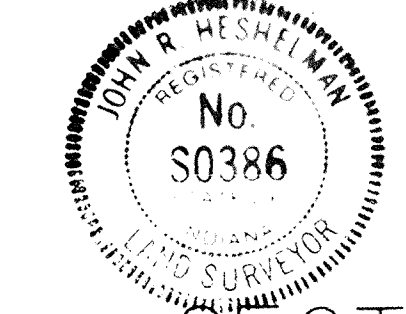
NOV 14 1989



- LEGEND**
- HYDRAULIC
 - STREET SIGN
 - MOUNDING
 - WATER LINE
 - STORM SEWER
 - SANITARY SEWER
 - MANHOLE
 - INLET
 - END SECTION
 - STORM STR. NO.
 - SANITARY STR. NO.
 - FLOW ARROW
 - CONTOUR
 - SPOT ELEVATION
 - TOP OF WALL ELEV.
 - BOTTOM OF WALL ELEV.
 - SUB SURFACE DRAIN
 - ROADWAY

- GENERAL NOTES**
1. Grades have been established to maximize tree preservation. Field adjustments may be necessitated to accomplish developmental desires.
 2. M.S.D. indicates existing spot elevations; contractor shall verify existing grade at that point.
 3. Where M.S.D. notation existing is indicated on the construction plans, field observations should be made to assure positive drainage is assured.
 4. Erosion dirt to be stockpiled in areas as designated by the developer.
 5. Under 20% slope to be constructed with all swales and ditches, with less than 2% slope, to provide drainage concerns.
 6. Do not stake from these plans for survey field locations. Refer to the master topographic sheet for the most recent locations and coordinates.
 7. Field dimensions with existing grades and existing topography before beginning construction. Any discrepancies must be reported to the engineer immediately.
 8. Before any earthwork is performed, the contractor is responsible for locating all existing utilities within the project.
 9. For street profiles, see sheets 6 thru 10.
 10. See sheets 11, 12, and 13 for entrance, intersections and outside details.
 11. All lots shall be staked.
 12. A preconstruction meeting should be conducted to establish construction links to maintain the integrity of the project throughout the construction phases.
 13. All water lines 6".

I certify that these drawings represent an as-built survey performed under my supervision and therefore set my hand and seal this _____, 1999.



John R. Heshelman, S0386

SECTION III

REVISED WALDEN POND

No.	Date	Revisions	Designed by
1	9-28-88	REVISION: PAD 23 RETAINING WALL ELEVATION; MOUNDING & SWALE ELEVATIONS; UNDERGROUND BENCH MARKS 72-815; STRUCTURE No. 30 WALKWAY AT WALDEN LANE EDG. DRIVE <td>B.E.H.</td>	B.E.H.
2	5-27-89	REVISION: PAD WORKING	C.W.C.

Checked by: _____
Approved by: _____

FILED
NOV 14

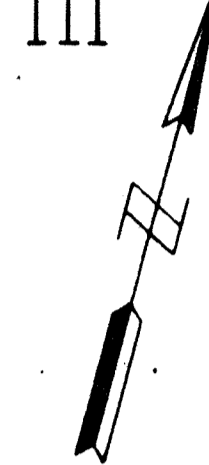


AS BUILT DEVELOPMENT PLAN

BENCH MARK DESCRIPTION:
153C HAM. G-41 BRONZE DISC @ N.W. WING OF W. BOUND LANE BRIDGE OF I-465 OVER MONON R.R. 1.8 MILES E. OF U.S. 31. ELEV. 634.41

DATE	REVISION
2/6/89	SANITARY SEWER M.H. - T.C. ELEVATION 9 - SEC. III

SECTION III



NOTES:
 LENGTHS OF PIPES INDICATED ARE FROM CENTER TO CENTER OF STRUCTURES AND ARE NOT ACTUAL PIPE LENGTHS.

20 MPH DESIGN SPEED

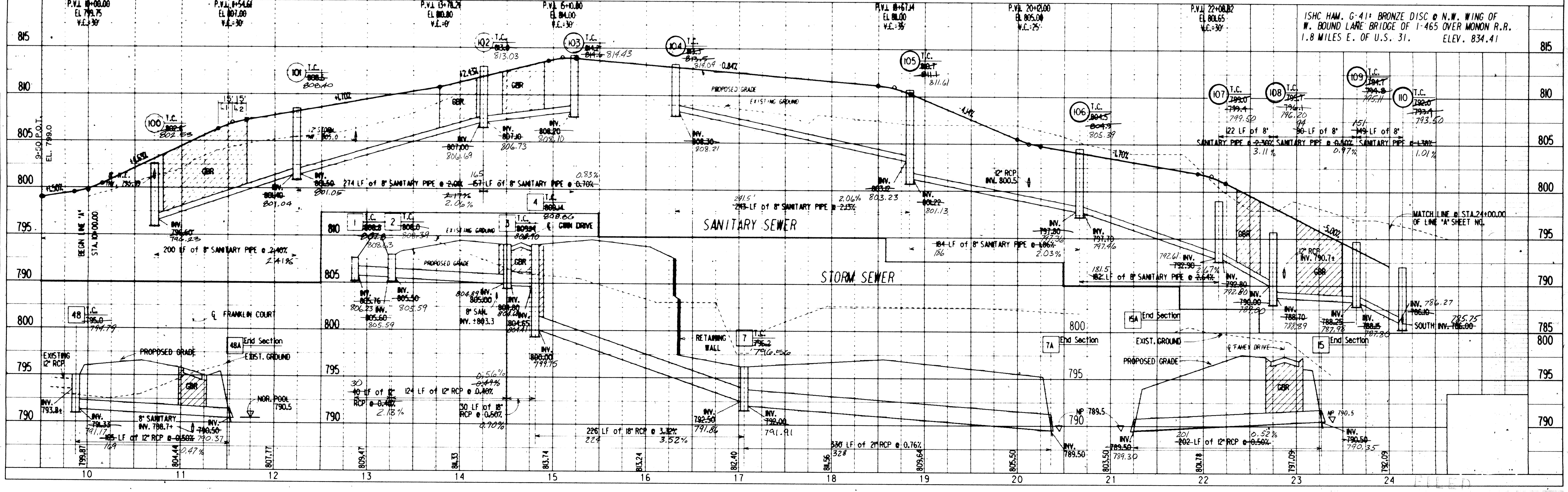
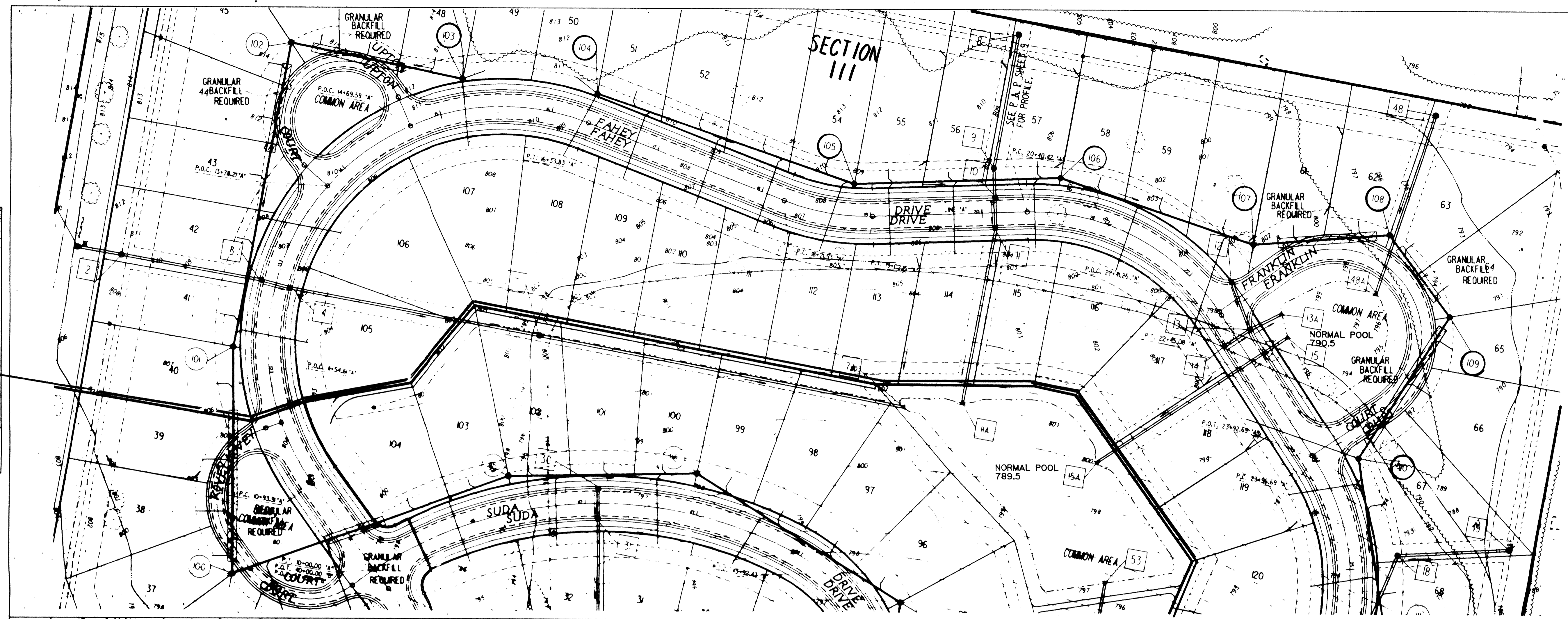
SCALE:
 PLAN: 1" = 50'
 PROFILE: 1" = 5'
 HORIZONTAL: 1" = 50'

BENCH MARK DESCRIPTION

ISHC HAM. G-41: BRONZE DISC @ N.W. WING OF W. BOUND LANE BRIDGE OF I-465 OVER MONON R.R. 1.8 MILES E. OF U.S. 31. ELEV. 834.41

PLAN SURVEYED BY: [blank]
 CHECKED BY: [blank]
 DATE: [blank]

PROFILE SURVEYED BY: [blank]
 CHECKED BY: [blank]
 DATE: [blank]

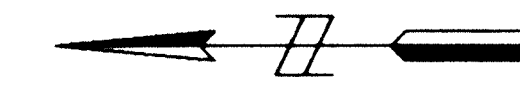


FAHEY DRIVE

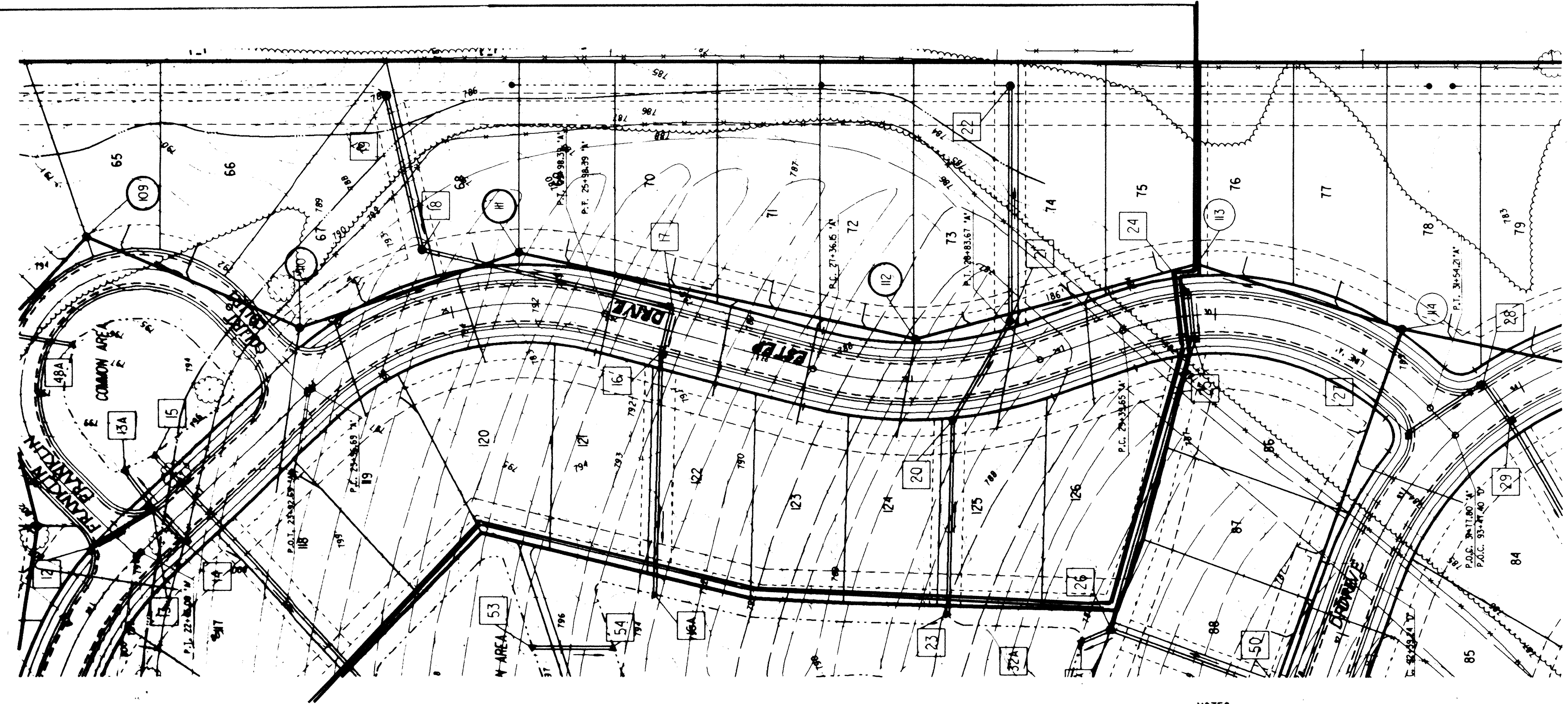
SECTION III REVISED WALDEN POND

This copy printed from the Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste. 188, Noblesville, In 46060

SECTION III



PLAN SURVEYED BY DATE
 PLOTTED BY
 NOTE BOOK NO. OF WAY CHECKED



DATE	REVISION
2/6/89	SANITARY SEWER M.H. - T.C. ELEVATIONS - SECT. III

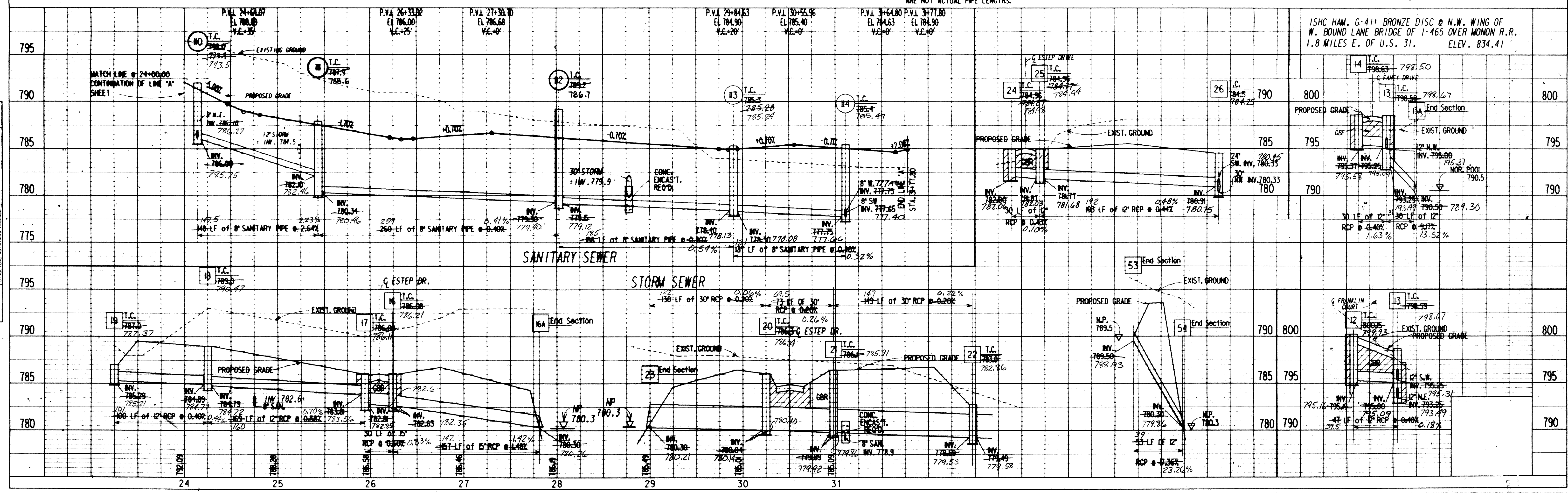
20 MPH DESIGN SPEED

NOTES:
 LENGTHS OF PIPES INDICATED ARE FROM CENTER TO CENTER OF STRUCTURES AND ARE NOT ACTUAL PIPE LENGTHS.

SECTION III

SCALE:
 PLAN: 1" = 50'
 PROFILE: 1" = 5'
 BENCH MARK DESCRIPTION: VERTICAL 1" = 5', HORIZONTAL 1" = 50'

PROFILE SURVEYED BY DATE
 PLOTTED BY
 NOTE BOOK NO. OF WAY CHECKED
 STRUCTURE NOTATIONS CHECKED



ISHC HAM. G-41 BRONZE DISC @ N.W. WING OF W. BOUND LANE BRIDGE OF I-465 OVER MONON R.R. 1.8 MILES E. OF U.S. 31. ELEV. 834.41

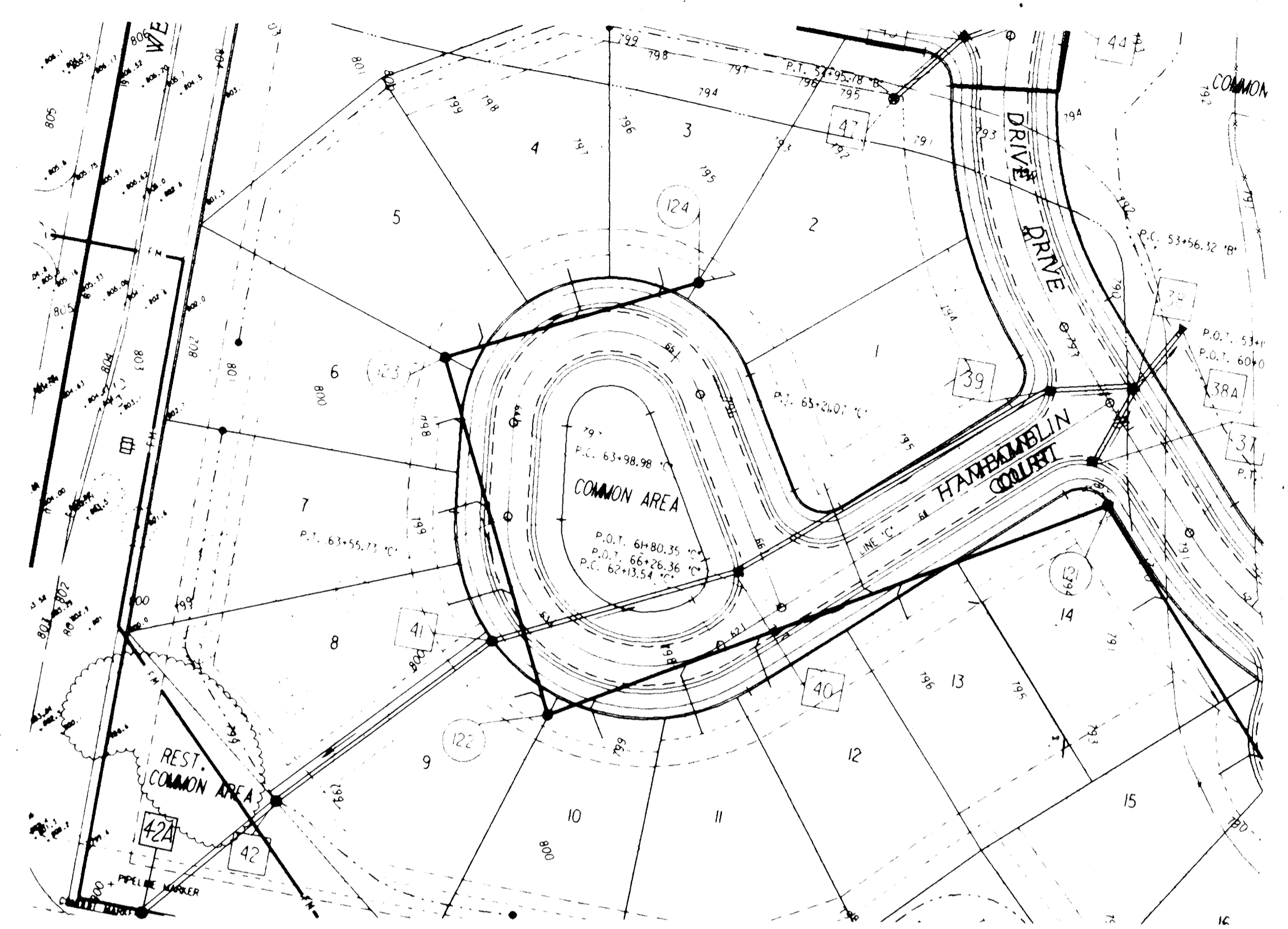
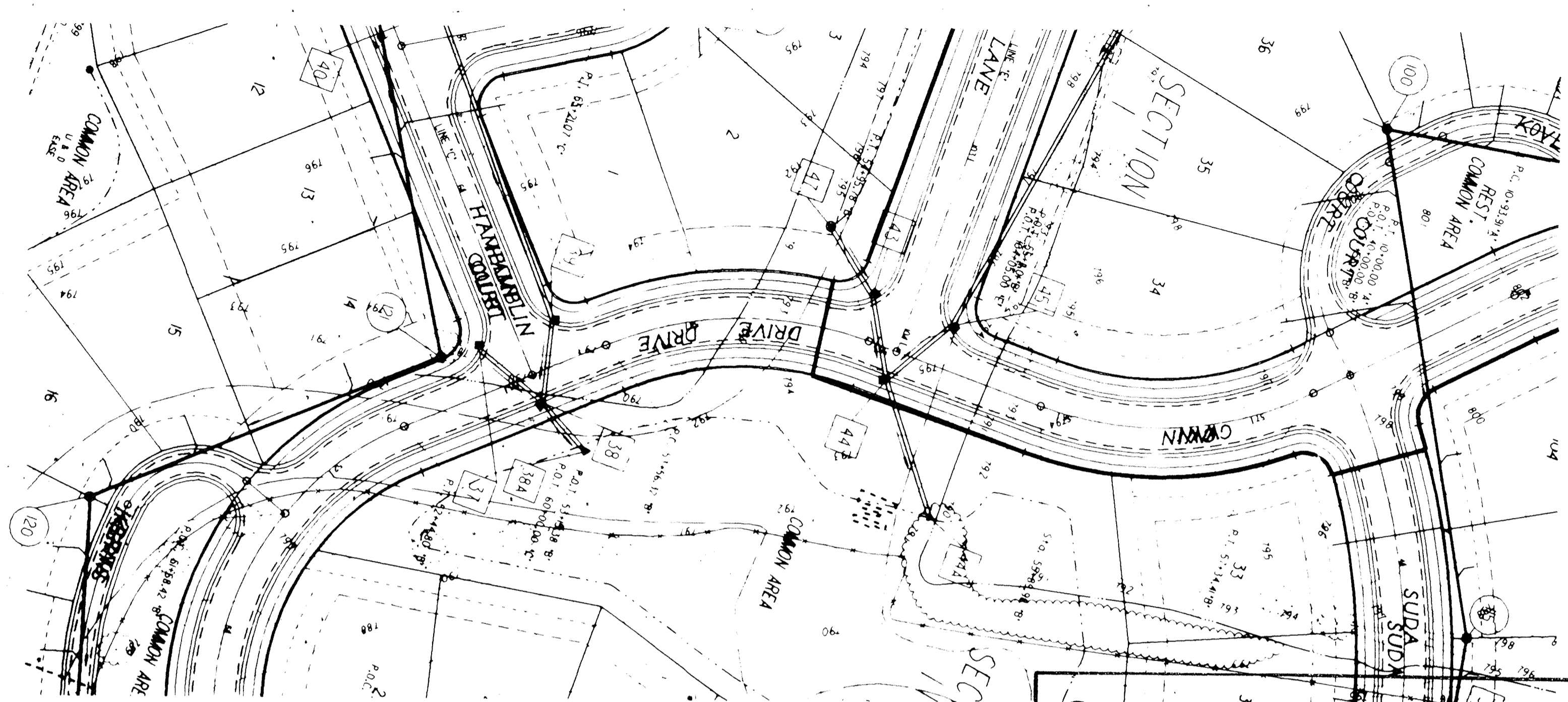
ESTEP DRIVE

SECTION III

REVISED WALDEN POND

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	DGN	PRF
65-16046-01	A	4	6	PROTSPPA	RT01SP22A

PLAN SHEET
 DATE
 SURVEYED
 CHECKED
 NOTED
 BY
 DATE



Sanitary and Storm AS-BUILTS

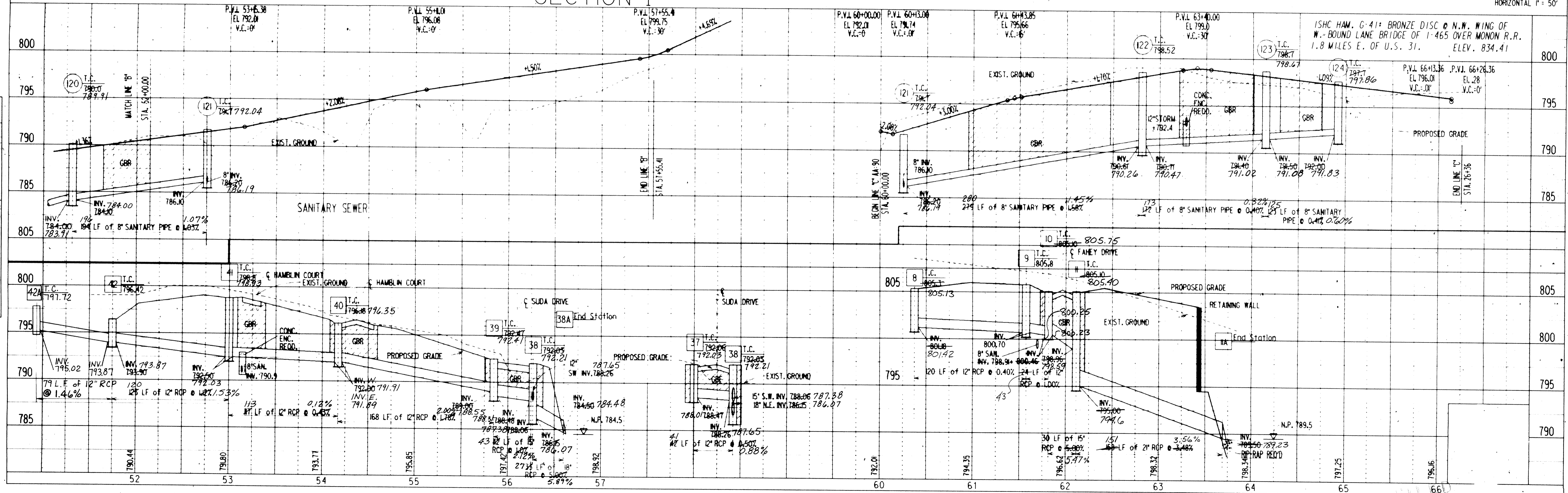
NOTES:
 LENGTHS OF PIPES INDICATED ARE FROM
 CENTER TO CENTER OF STRUCTURES AND
 ARE NOT ACTUAL PIPE LENGTHS.

20 MPH DESIGN SPEED

SCALE:
 PLAN: 1" = 50'
 PROFILE: 1" = 5'
 HORIZONTAL: 1" = 50'

BENCH MARK DESCRIPTION

SECTION I



PROFILE SHEET
 DATE
 SURVEYED
 CHECKED
 NOTED
 BY
 DATE

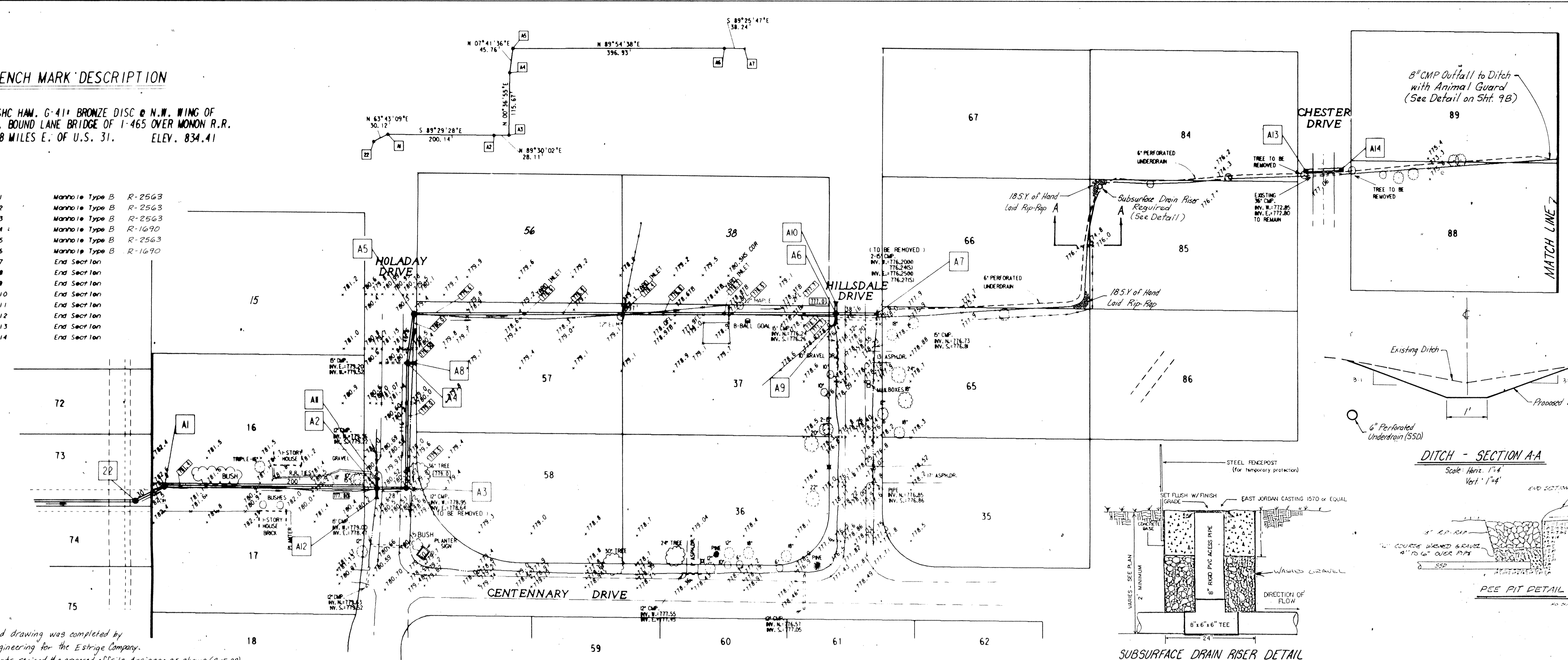
REVISED WALDEN POND

BENCH MARK DESCRIPTION

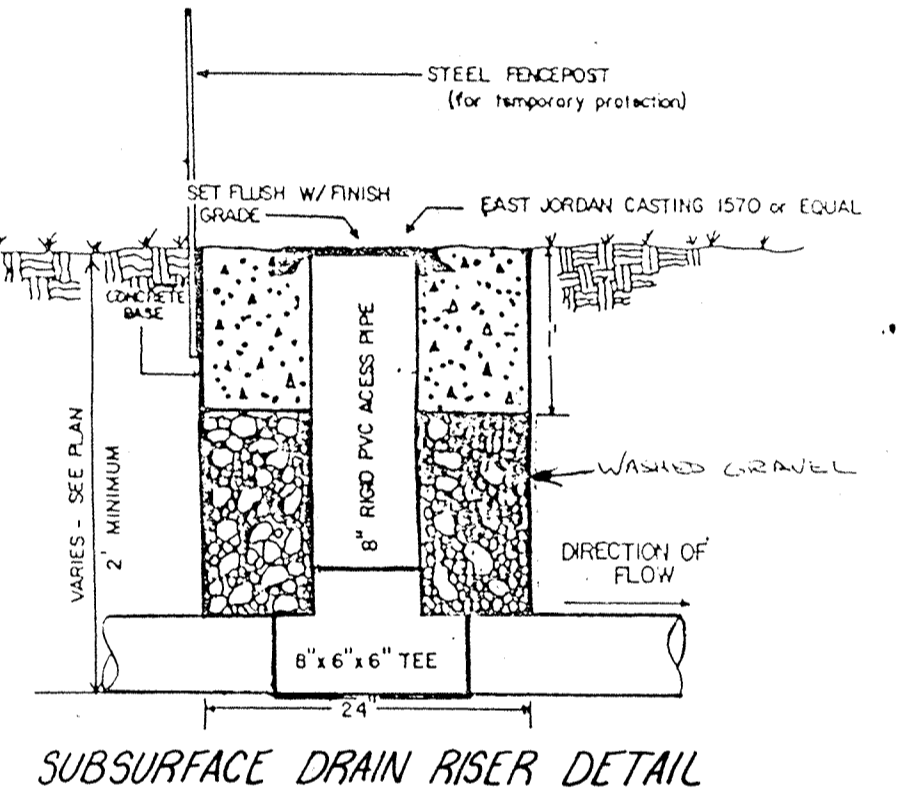
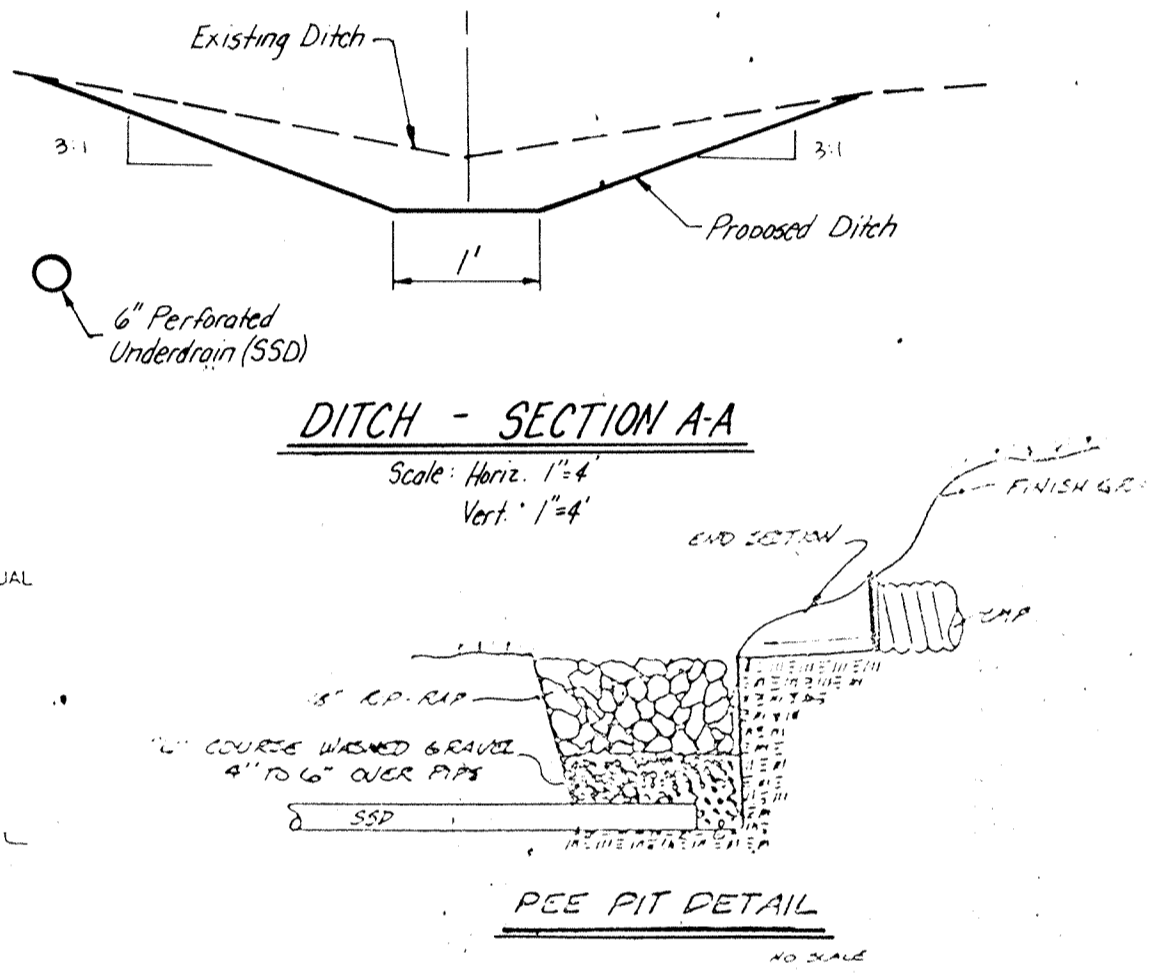
ISHC HAM. G-411 BRONZE DISC @ N.W. CORNER OF
W. BOUND LANE BRIDGE OF I-465 OVER MONON R.R.
1.8 MILES E. OF U.S. 31. ELEV. 834.41

PLAN
DATE: _____
DRAWN BY: _____
CHECKED BY: _____
SCALE: _____

- A1 Manhole Type B R-2563
- A2 Manhole Type B R-2563
- A3 Manhole Type B R-2563
- A4 Manhole Type B R-1690
- A5 Manhole Type B R-2563
- A6 Manhole Type B R-1690
- A7 End Section
- A8 End Section
- A9 End Section
- A10 End Section
- A11 End Section
- A12 End Section
- A13 End Section
- A14 End Section

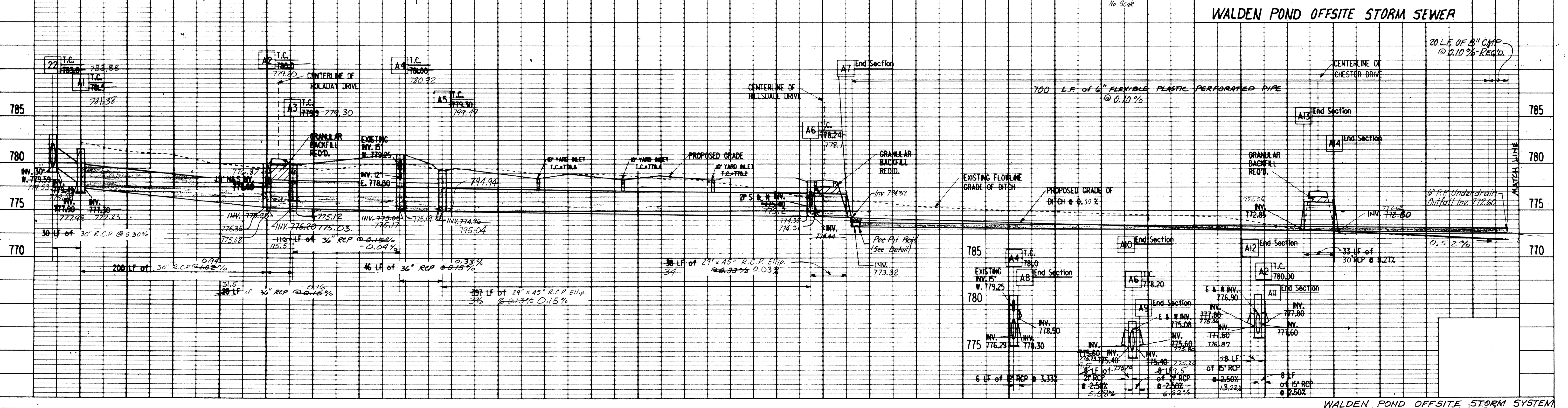


8" CMP Outfall to Ditch with Animal Guard (See Detail on Sht. 9B)



Topography and drawing was completed by Mid-States Engineering for the Estrige Company.
Weilpert Consultants revised the proposed offsite drainage as shown (8-15-88)

PROFILE
DATE: _____
DRAWN BY: _____
CHECKED BY: _____
SCALE: _____



WALDEN POND OFFSITE STORM SEWER

WALDEN POND OFFSITE STORM SYSTEM

Revised 9-23-88
Revised 12-8-88

PROJECT NO.	SHEET NO.	TOTAL SHEETS	DATE	BY
65-16066-01	6	6	NOV 14	PH