

Drain: PEBBLE BROOK DRAIN **Drain #:** 191
Improvement/Arm: PEBBLE BROOK-SECTION 2
Operator: JDH **Date:** 2-26-04
Drain Classification: Urban/Rural **Year Installed:** 1986

GIS Drain Input Checklist

- Pull Source Documents for Scanning JDH 2-26
- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains JDH 2-26
- Digitize & Attribute SSD JDH 2-26
- Digitize & Attribute Open Ditch JDH 2-26
- Stamp Plans JDH 2-26
- Sum drain lengths & Validate JDH 2-26
- Enter Improvements into Posse JDH 2-26
- Enter Drain Age into Posse Jun 4-23
- Sum drain length for Watershed in Posse Jun 4-23
- Check Database entries for errors JDH 2-26

+ 780' OPEN DITCH

Gasb 34 Footages for Historical Cost Drain Length Log

Drain-Improvement: PEBBLE BRNK DRAIN - PEBBLE BROOK - SECTION 2

Drain Type:	Size:	Length <small>SURVEYORS REPORT</small>	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
SSD	4"	430'	430'	∅	\$.75	322.50
	6"	780'	780'	∅	2.00	1,560.00
RCP	12"	680'	680'	∅	7.25	4,930.00
	15"	475'	475'	∅	9.50	4,512.50
CMP	10"	10'	∅	-10'	13.00	130.00
OPEN DITCH		175'	175'	∅	19.55	3,421.25
OPEN DITCH (780')		∅	∅	∅	19.55	15,249.00
Sum:		<u>2,550'</u>	<u>2,540'</u>	<u>-10'</u>		<u>\$20,125.25</u>

Final Report: _____

Comments:

10" CMP REMOVED DURING RELOCATION IN 1994.



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060 June 8, 1984

TO: Hamilton County Drainage Board

RE: PebbleBrook Drain, Sections 2 & 3

Attached is a petition, assessment roll and plans for the Pebblebrook Drain, Section 2 & 3. Upon review of the petition I believe it to be in proper form. Upon inspection of the site and the plans I believe the proposed drain to be practicable; will improve the public health, benefit a public highway and be of public utility; and 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 proposed drain will consist of the following:

Section 2

12" CMP	70 feet
15" CMP	66 feet
12" RCP	240 feet
6" SSD	780 feet
4" SSD	940 feet
15" RCP	294 feet
6" Ridged pipe	10 feet

Section 3

12" RCP	378 feet
15" RCP	190 feet
6" SSD	520 feet
4" SSD	120 feet

The total length for these two sections of the drain is 3608 feet.

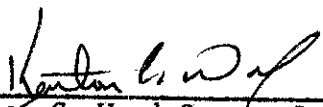
Upon considering the benefits for each tract I believe each to be benefited equally, With an assessment of \$2.00/ac for streets and \$20.00 per lot or block the total yearly assessment for these sections

of the Pebblebrook Drain will be \$ 1166.42.

I recommend a 15' easement each half on Lots 17,18,25,26 in Section 2 and 44 to 48 , 31,32 in Section 3. Presently the easement is 10' each half.

A hearing should be set for August 13, 1984.

KCW/no


Kenton C. Ward-County Surveyor

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: Pebble Brook - Section 2

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: _____

Date: May 14, 1986

Type or Printed Name: John V. Schneider

Business Address: 3675 N. Post Road, Indianapolis, IN. 46226

Telephone: (317)898-8282

INDIANA REGISTRATION NUMBER

S0115

SEAL



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060 August 30, 1988

To: Hamilton County Drainage Board

Re: Pebble Brook Drain, Section 2

I have inspected the drainage facilities for the Pebble Brook Drain, Section 2 and have found them to be complete and acceptable. The project engineer has submitted the Certificate of Completion and Compliance and "as-built" drawings on reproducible mylar of the drainage system.

Changes made in the plan centered mainly on the storm system on Fairway Drive on the replat for this section. Changes were also made on the detention areas on lot 18 and across Pebble Brook Drive from lot 25. During the development, by Schneider Engineering, of the as-built drawings and the calculations for the system as actually constructed, two problems were found. According to calculations, water will stand over Str. 125 at the end of Pebble Brook Circle. To reduce this problem, a swale was constructed between lots 17 and 18. During a 10 year storm event, water will stand in the road side ditch for Little Chicago Road north of Str. 120. This back up is caused by placing a 12" RCP under Fairway Drive instead of a 15" RCP as shown on the original plan. The back up will not top the road according to the calculations.

The system as constructed is shown on the record drawings prepared by Schneider Engineering dated 5/25/88. The drain consists of the following lengths.

✓ 4" SSD - 430 feet	15" RCP - 475 feet
6" SSD - 780 feet	10" CMP - 10 feet
12" RCP - 680 feet	✓ open ditch - 175 feet

The total length of the drain as constructed is 2550 feet.

The open ditch (road side ditch) parallel with Little Chicago Road in which the SSD was installed from the northeast corner of lot 16 south to the open ditch will be maintained with the regulated drain although not included in the above lengths. The length of open ditch shown above is from the outlet Str. 124 to the southeast corner of lot 8. The 4" SSD included in the above figures are the lengths installed on lots 17 and 18. The SSD (if any) installed on the golf course will not be part of the regulated drain. The length of pipe serving as the outlet structure for the detention area on lots 17 and 18 is part of the regulated drain. At this time the lake and open ditch south of this section is not part of the regulated drain.

At this time I recommend the Board approve the drainage facilities as constructed. The non-enforcement request for this plat was approved by the Board with the final report of Section 1.


Kenton C. Ward,
Hamilton County Surveyor

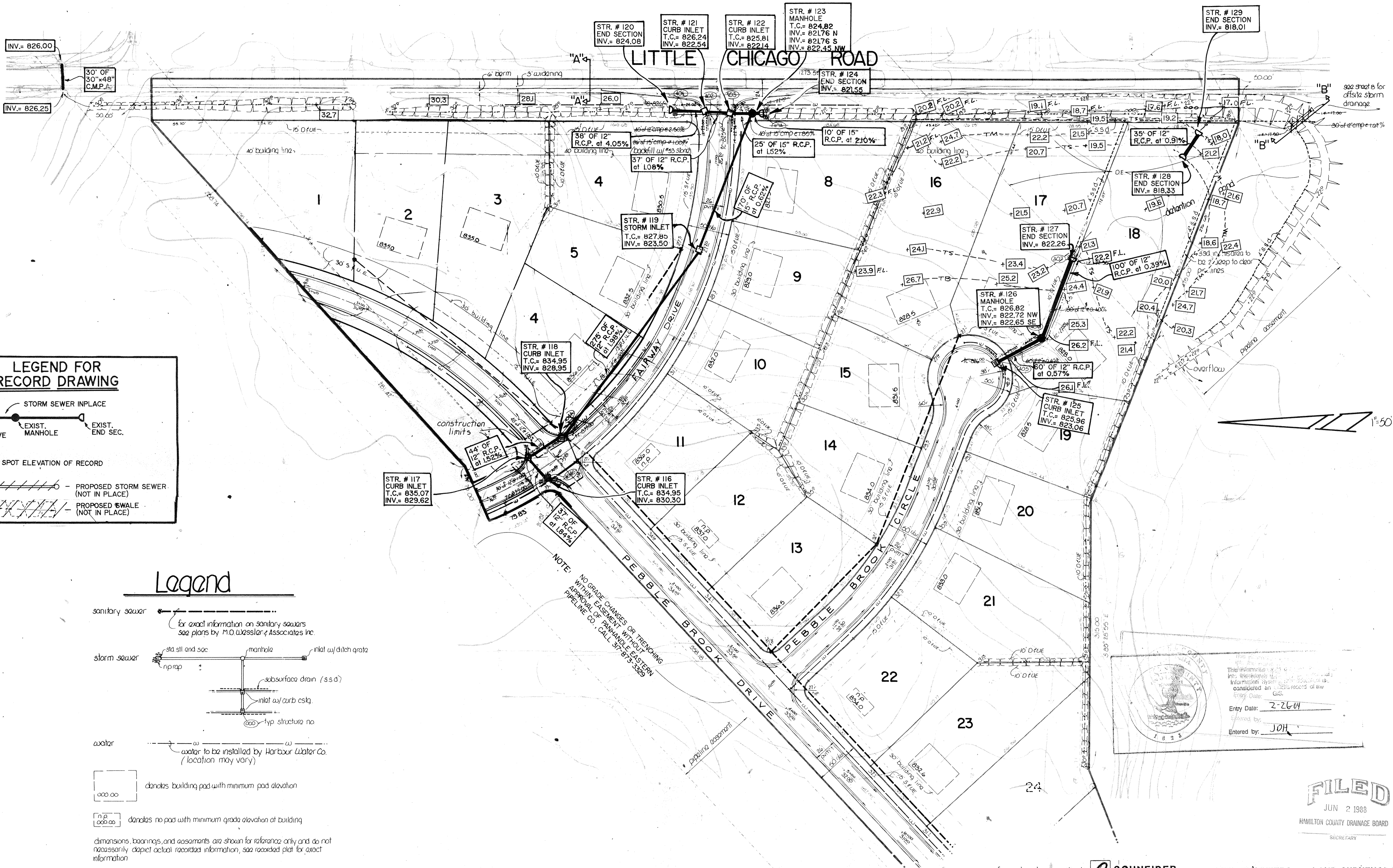
KCW/jh

FILED

SEP 12 1988

HAMILTON COUNTY DRAINAGE BOARD

SECRETARY



LEGEND FOR RECORD DRAWING

- STORM SEWER INPLACE
- EXIST. BEEHIVE INLET
- EXIST. MANHOLE
- EXIST. END SEC.
- 00.0 - SPOT ELEVATION OF RECORD
- PROPOSED STORM SEWER (NOT IN PLACE)
- PROPOSED SWALE (NOT IN PLACE)

Legend

sanitary sewer

for exact information on sanitary sewers see plans by M.O. Wessler & Associates Inc.

storm sewer

- std. stl. and soc.
- manhole
- inlet w/ ditch grate
- riprap
- subsurface drain (s.s.d.)
- inlet w/ curb cskg.
- typ. structure no.

water

water to be installed by Harbour Water Co. (location may vary)

000.00 denotes building pad with minimum pad elevation

n.p. 000.00 denotes no pad with minimum grade elevation at building

dimensions, bearings, and easements are shown for reference only and do not necessarily depict actual recorded information, see recorded plat for exact information

NOTE: NO GRADE CHANGES OR TRENCHING WITHIN EASEMENT WITHOUT APPROVAL OF PEPPERLAND EASTERN PIPELINE CO., CALL 317-875-3529

FILED

JUN 2 1988

HAMILTON COUNTY DRAINAGE BOARD

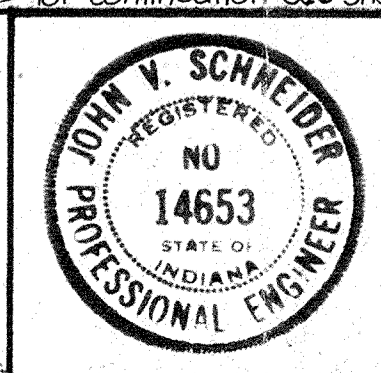
SECRETARY

Entry Date: 2-26-04

Entered by: JOH

I hereby certify that the within Record (As-Built) Drawings were prepared under my direction as a result of field survey measurements made with regard to location, size, pipe invert elevation, and casting elevation of the storm sewer structures as indicated on the plans. Additionally, ground elevations were verified as indicated on the plans in specific swale, ditch, and storm water detention areas. The base sheets for these drawings are mylar reproducible of the initial construction plans provided by P. Crisp, Inc.

J. Schneider



SCHNEIDER ENGINEERING CORPORATION

CIVIL ENGINEERS LAND SURVEYORS

3020 NORTH POST ROAD

INDIANAPOLIS, INDIANA 46226

TELEPHONE (317) 898-8282

PEBBLE BROOK Sec. Two East Half

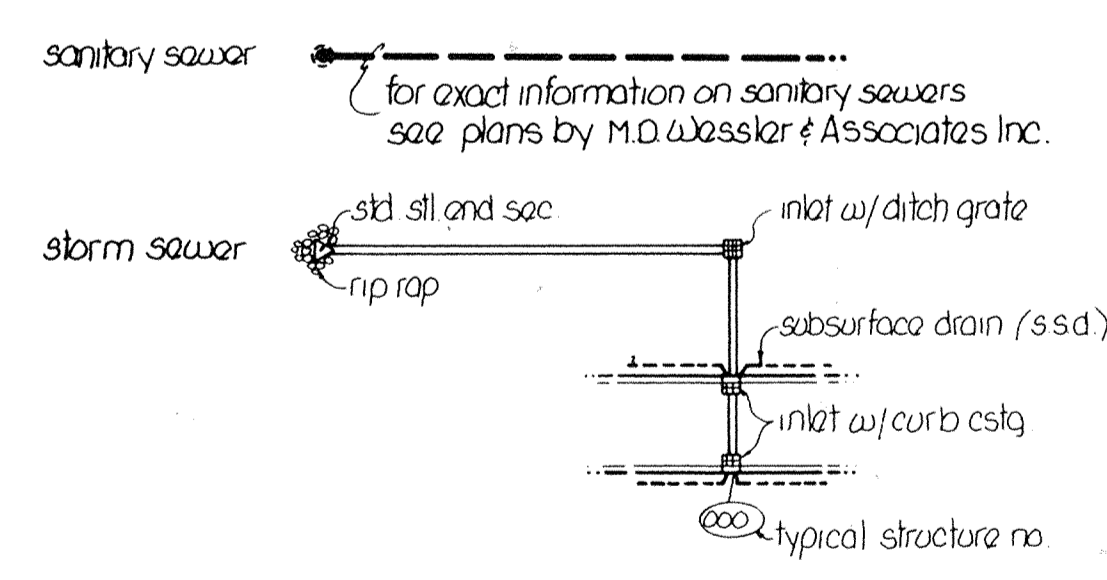
STORM SEWER RECORD DRAWING

12/23/87 5/25/88

SHEET R.4 OF 9

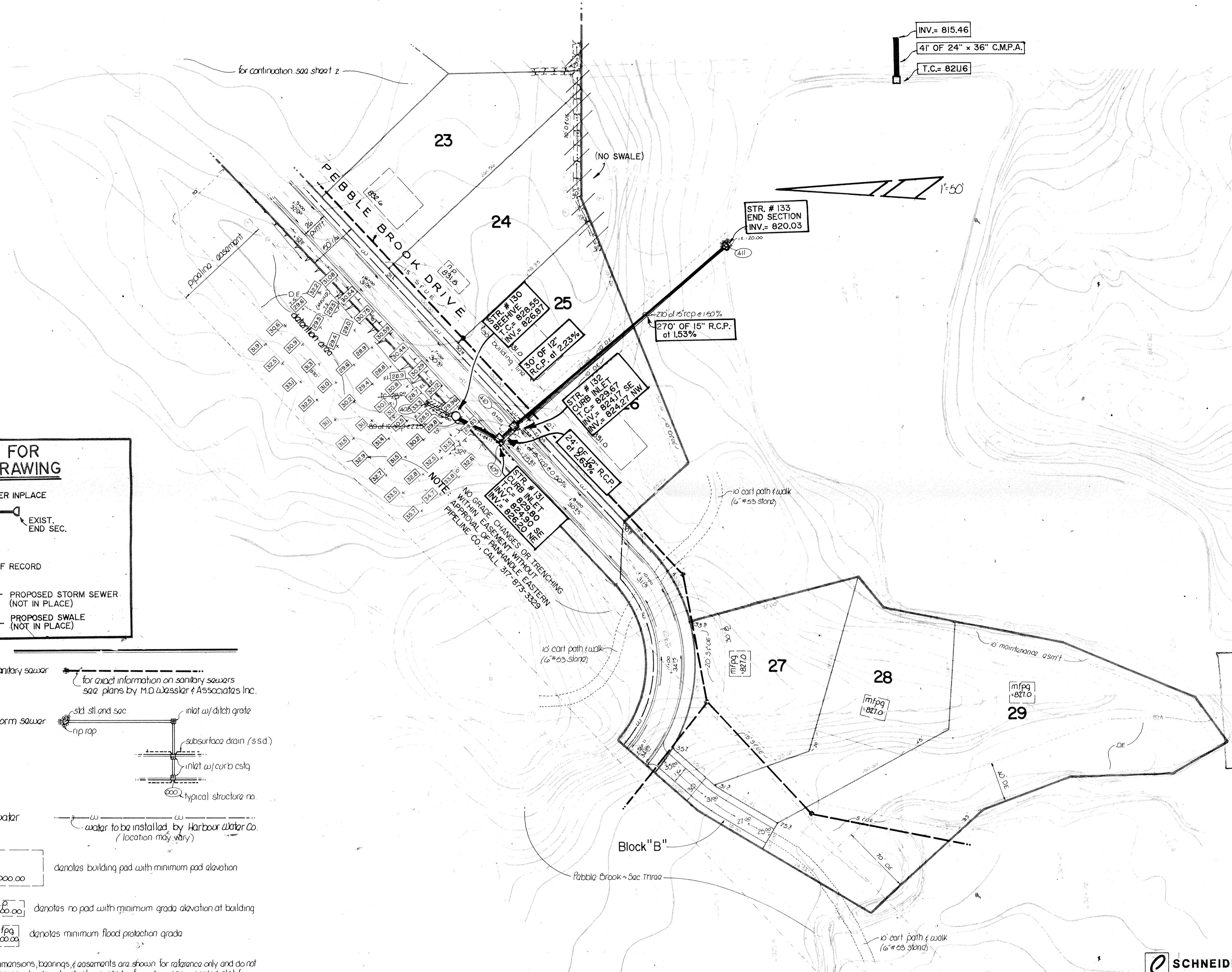
LEGEND FOR RECORD DRAWING

STORM SEWER IN PLACE
 EXIST. BEEHIVE INLET
 EXIST. MANHOLE
 EXIST. END SEC.
 00.0 - SPOT ELEVATION OF RECORD
 PROPOSED STORM SEWER (NOT IN PLACE)
 PROPOSED SWALE (NOT IN PLACE)



denotes building pad with minimum pad elevation
 denotes no pad with minimum grade elevation at building
 denotes minimum flood protection grade

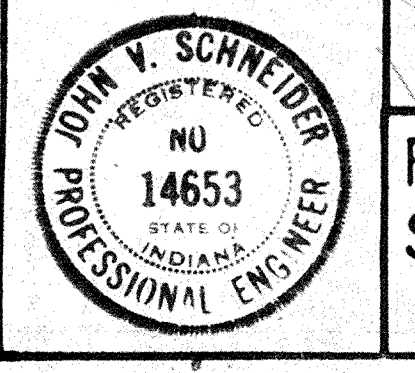
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This information entered into the public information system is considered accurate.
 Entry Date: 2-26-04
 Entered by: JDH

FILED
 JUN 2 1988
 HAMILTON COUNTY DRAINAGE BOARD
 SECRETARY

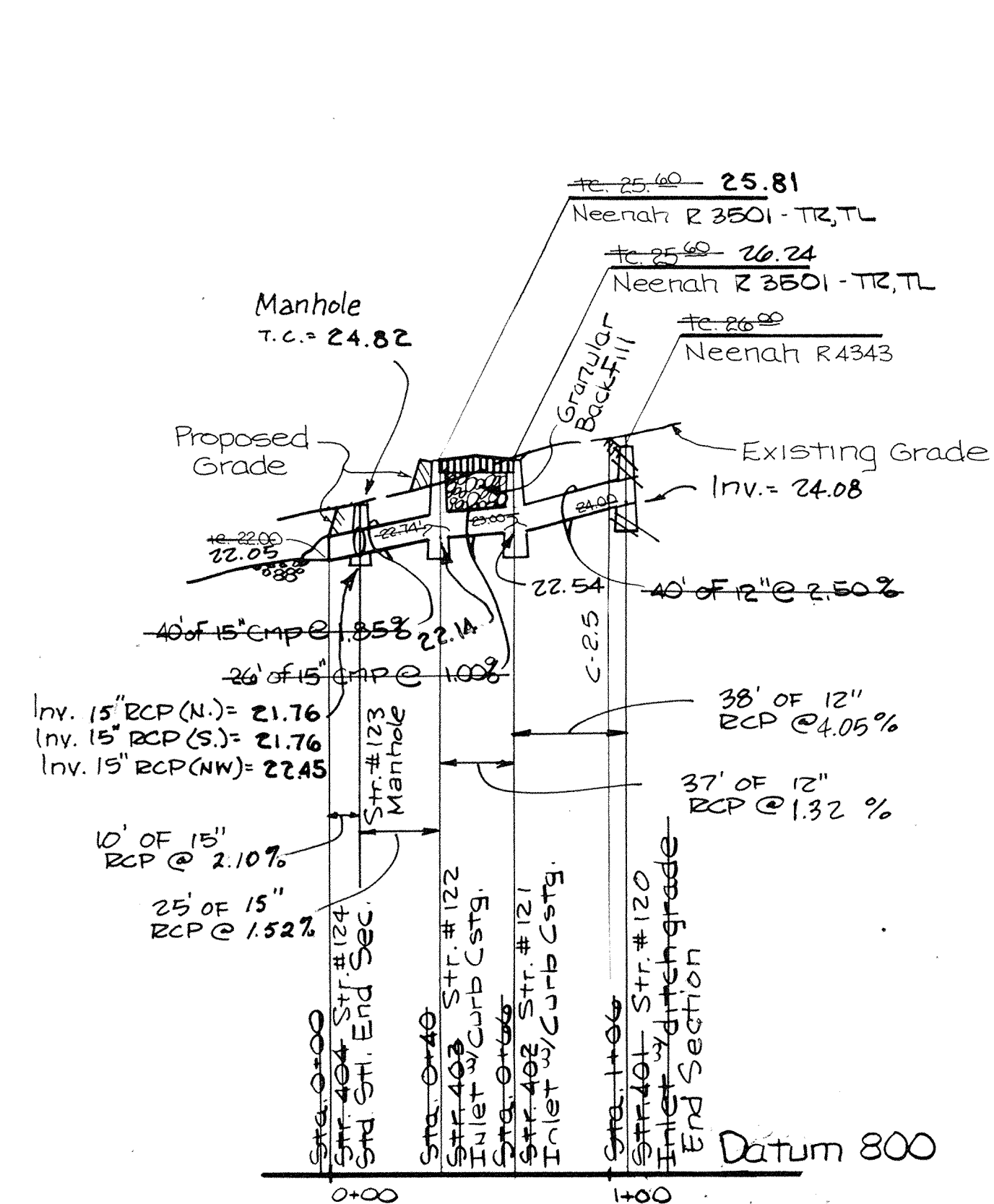
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SCHNEIDER ENGINEERING CORPORATION
 CIVIL ENGINEERS LAND SURVEYORS
 3020 NORTH POST ROAD
 INDIANAPOLIS, INDIANA 46226
 TELEPHONE (317) 898-8282

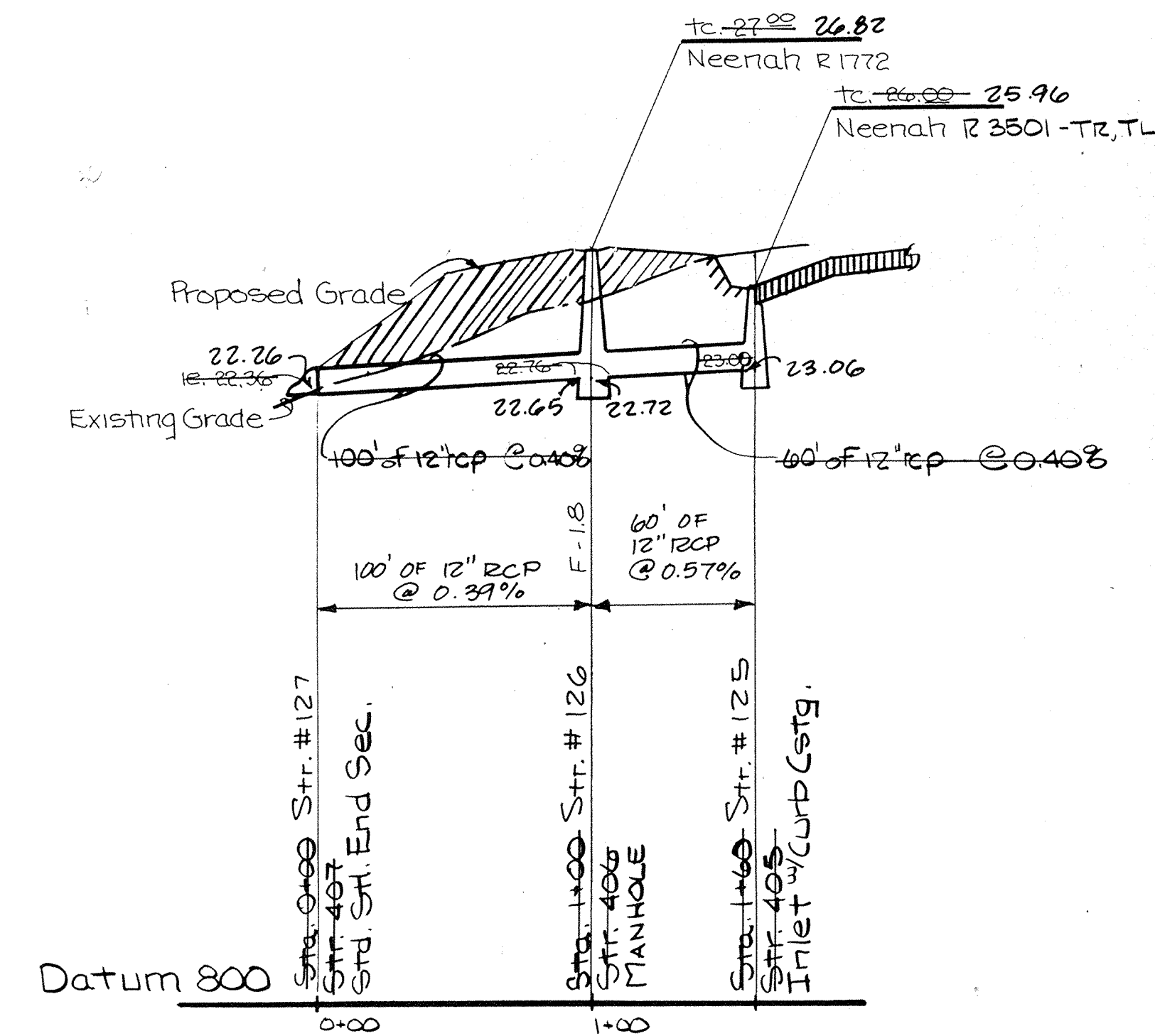
PEBBLE BROOK Sec. Two West Half
 STORM SEWER RECORD DRAWING
 12/23/87

SHEET R.5
 OF 9



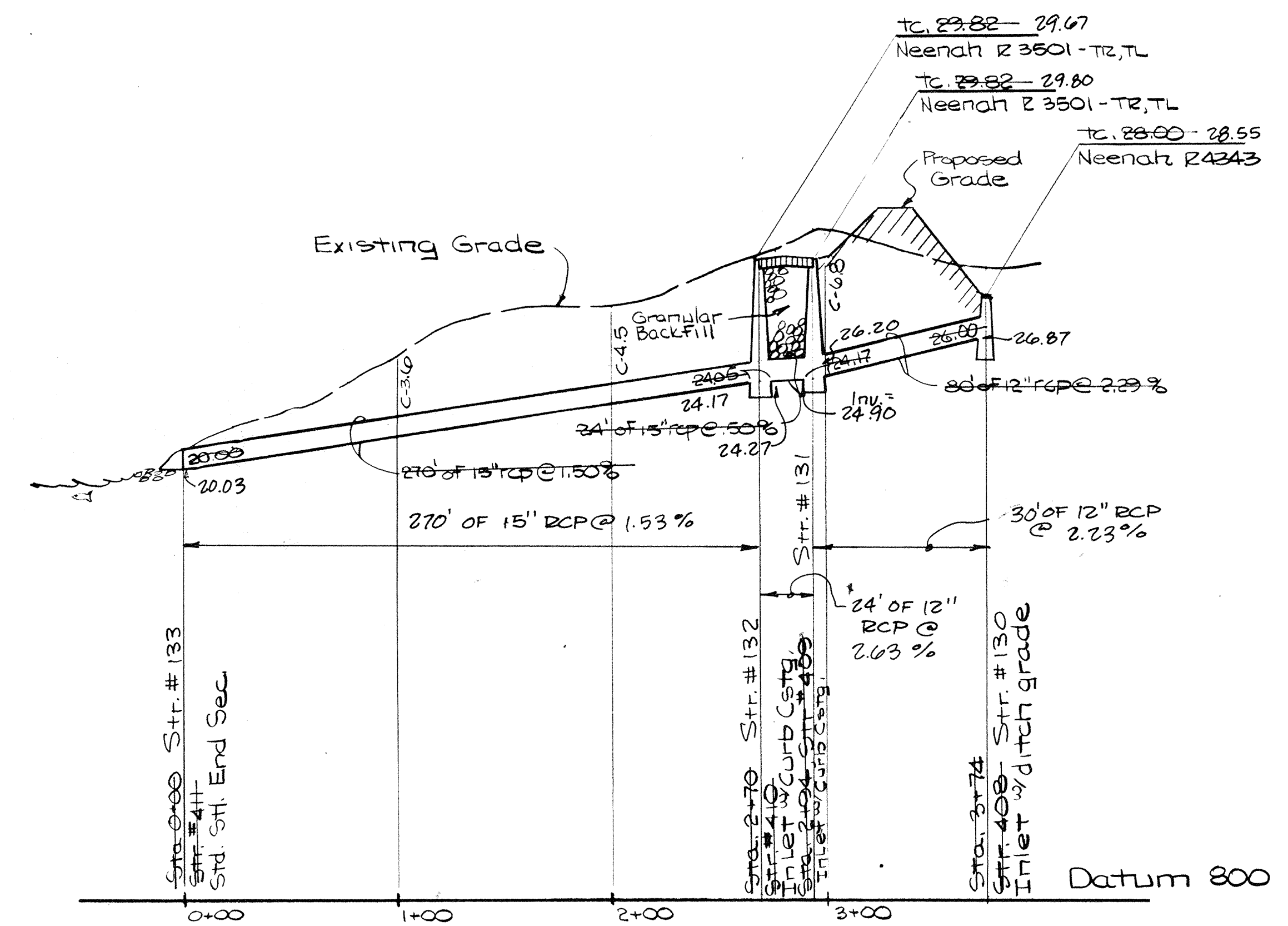
Profile One

Str. 401 To 404
Scale: 1" = 5' V
1" = 50' H



Profile Two

Str. 405 To 407
Scale: 1" = 5' V
1" = 50' H



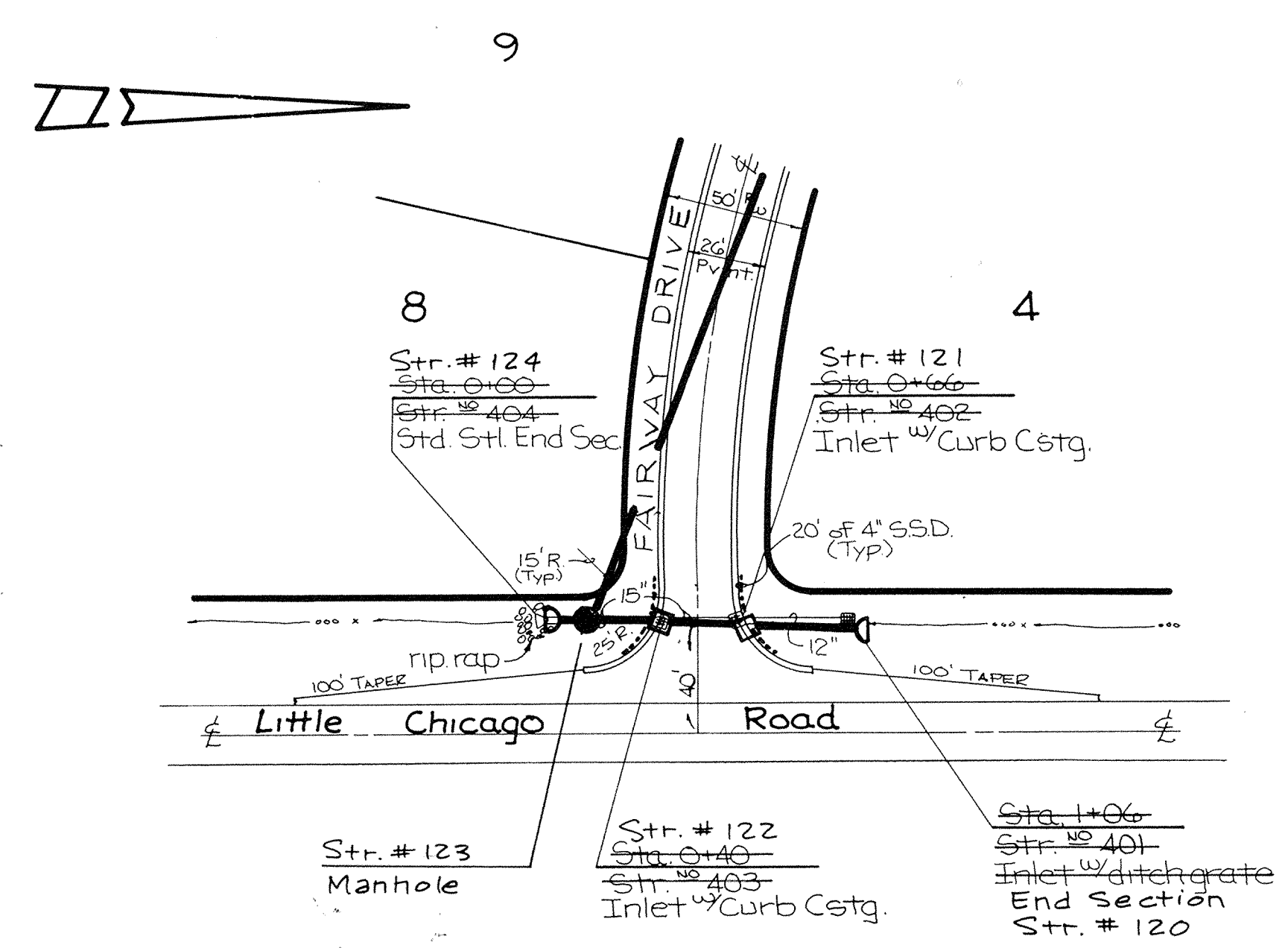
Profile Three

Str. 408 To 411
Scale: 1" = 5' V
1" = 50' H

This information was gathered from the Hamilton County Geographic Information System. This document is considered an official record of the GIS.

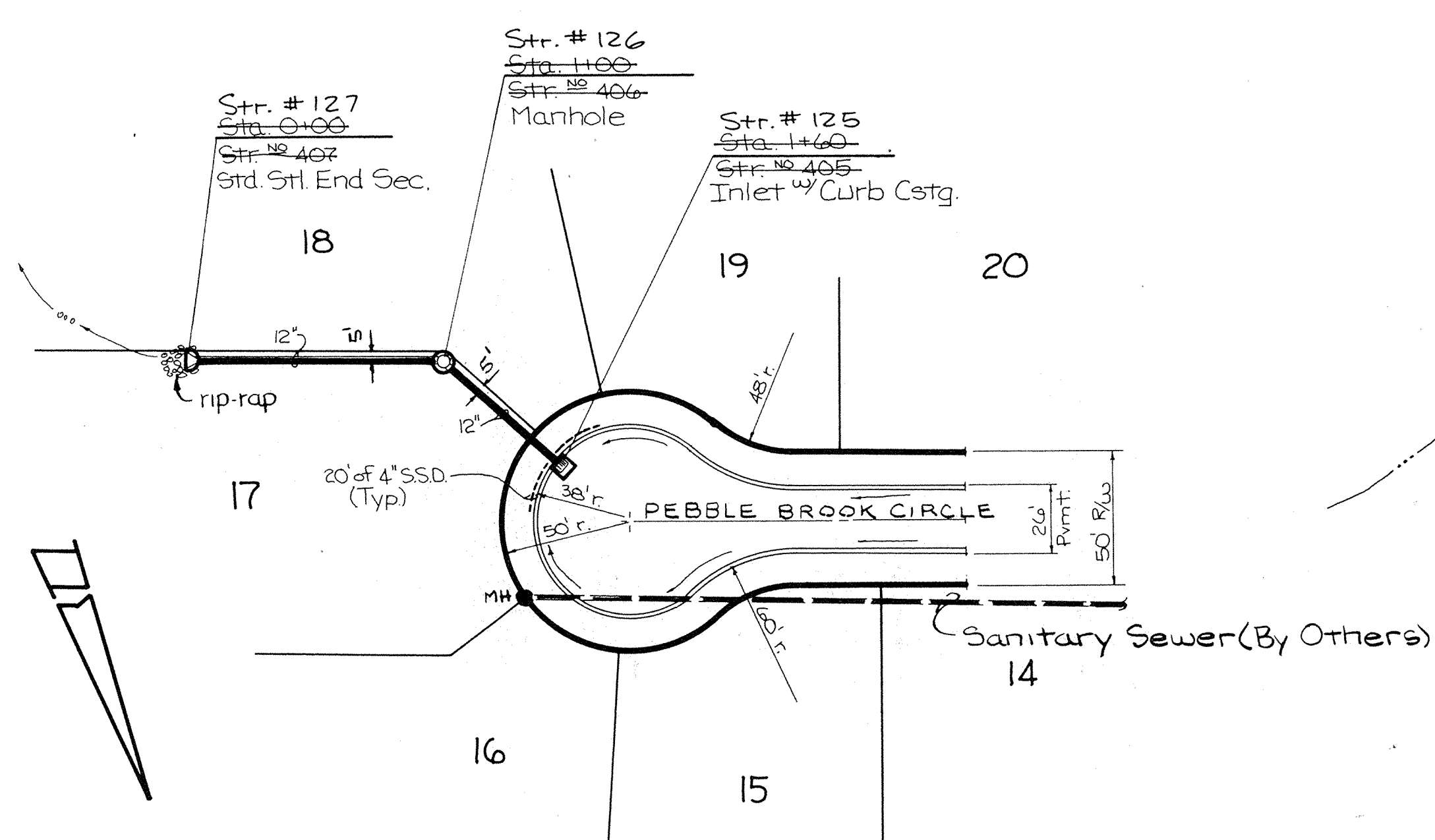
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Entered by: JH

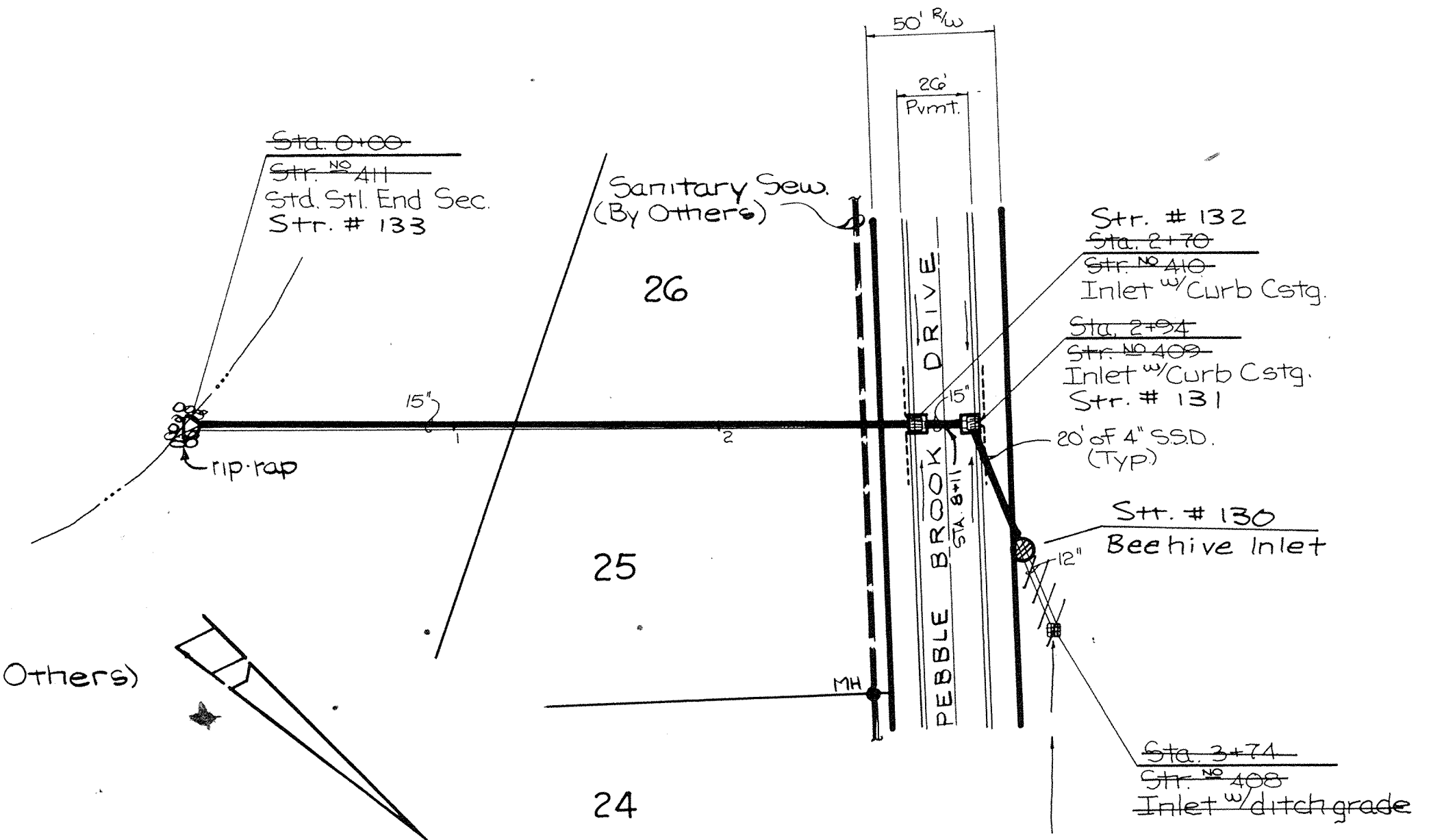


Plan One

Str. 401 to 404
Scale: 1" = 50'



Plan Two



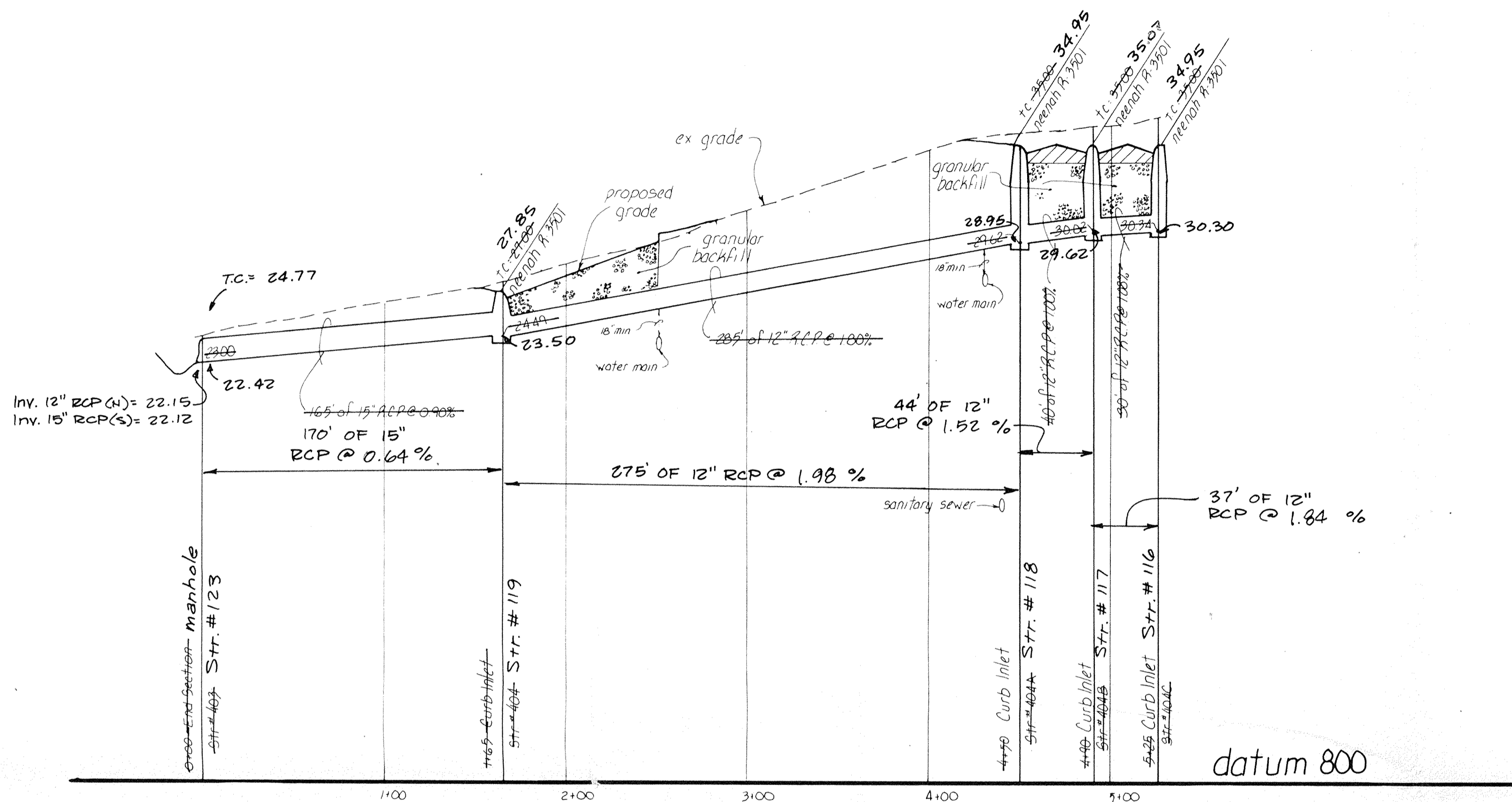
Plan Three

SCHNEIDER ENGINEERING CORPORATION
CIVIL ENGINEERS LAND SURVEYORS
3022 NORTH POST ROAD
INDIANAPOLIS, INDIANA 46226
TELEPHONE (317) 898-8282

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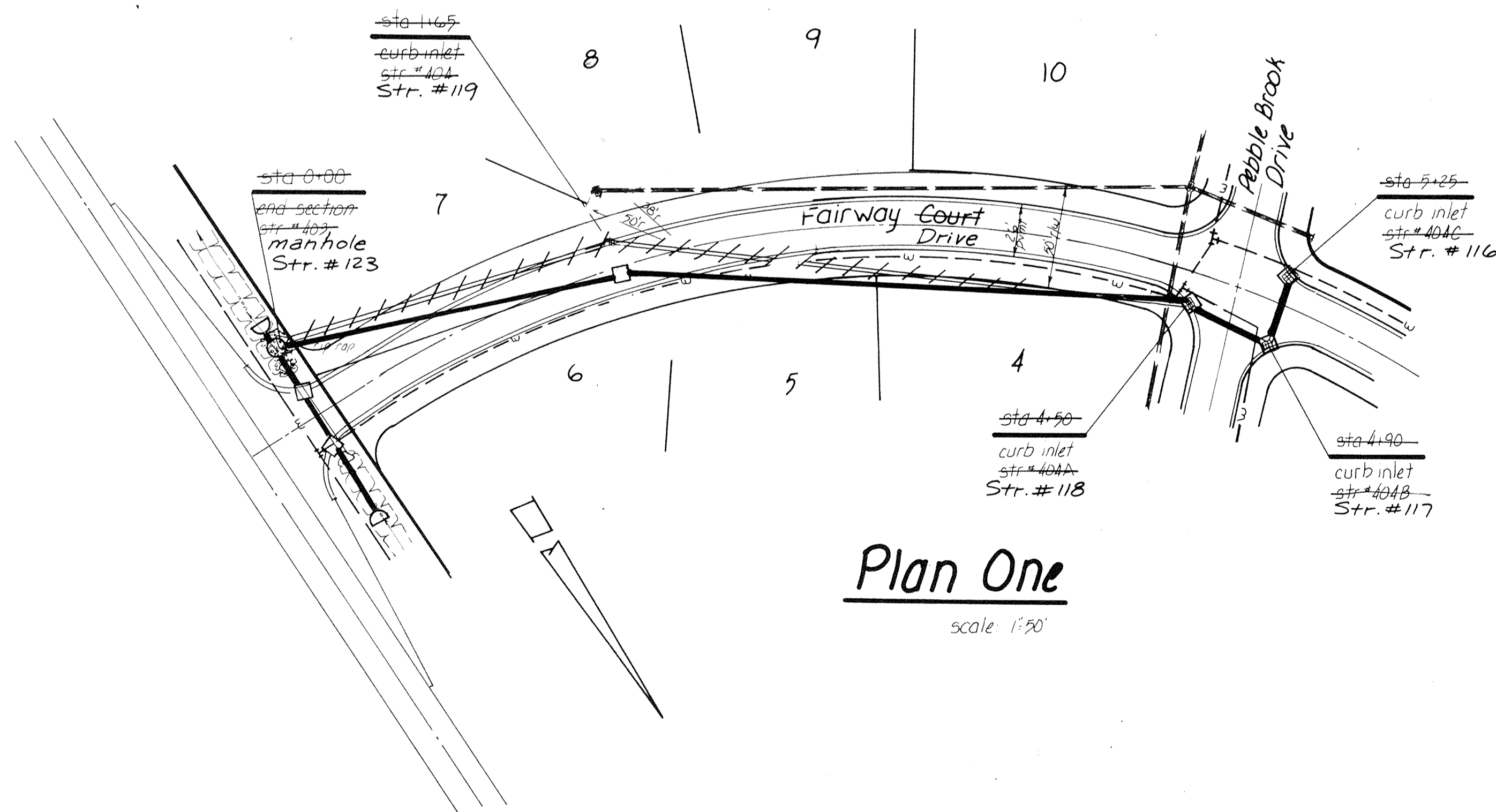
John V. Schneider

PEBBLE BROOK Sec. Two
STORM SEWER RECORD DRAWING
12/23/87 5/25/88



Profile One

scale Horiz 1"=50'
Vert 1"=5'



Plan One

scale 1"=50'

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: 2-26-04

Entered by: JCH

FILED
JUN 2 1988

HAMILTON COUNTY DRAINAGE BOARD
SECRETARY

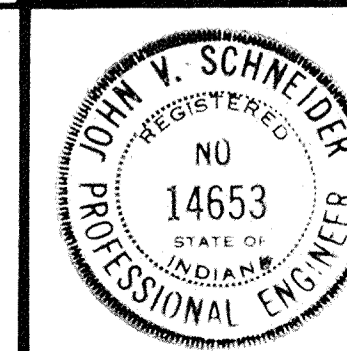
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PEBBLE BROOK Sec. Two
STORM SEWER RECORD DRAWING
12/23/87

R-7
9

I hereby certify that the within Record (As-Built) Drawings were prepared under my direction as a result of field survey measurements made with regard to location, size, pipe invert elevation, and casting elevation of the storm sewer structures as indicated on the plans. Additionally, ground elevations were verified as indicated on the plans in specific swale, ditch, and storm water detention areas. The base sheets for these drawings are mylar reproducible of the initial construction plans provided by P. Cripe Inc.

John V. Schneider



This copy prepared by P. Cripe Inc., Surveyor's Office, One Hamilton Co. Square, Ste. 188, Noblesville, In 46060