

Drain: MARY NAGLE **Drain #:** 140
Improvement/Arm: MORSE LANDING - SECTION 5
Operator: J. LIVINGSTON **Date:** 4-30-04
Drain Classification: Urban/Rural **Year Installed:** 1990

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

JL
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JL

Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: MARY NAGLE - MORSE LANDING - SECTION 5

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Price:	Cost:
SSA	6"	420'	420			
OPEN DITCH	—	720'	720			
RCP	12"	836'	836'			
	15"	252'	252'			
	18"	431'	431'			
CMP	12"	55'	55'			
	36"	100'	100'			

Sum: 2814' 2814 \$39,000.00

Final Report: 2814'

Comments:



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

776-9626

942 Maple Avenue

Noblesville, Indiana 46060

December 20, 1990

TO: Hamilton County Drainage Board

RE: Mary Nagle Drain-Morse Landings Arm, Section 5

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Mary Nagle Drain Arm, Section 5.

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:

6" SSD	420 ft	18" RCP	431ft	12" RCP	⁸⁵⁶ 865ft
15" RCP	252ft	36" CMP	100ft	Open Ditch	720ft

The total length of the drain will be 2779 feet.

The Drainage facilities are installed and have had final inspection at which time the work was found to be complete and acceptable. I recommend the Board release the Letter of Credit for this work at the time of hearing.

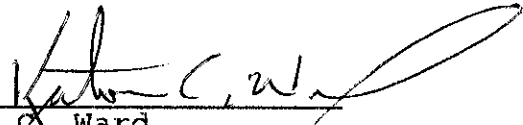
I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I recommend a maintenance assessment of \$25.00_per lot, \$2.00_per acre for roadways, with a\$25.00__minimum. With this assessment the total annual assessment for the drain/this section will be \$1256.90_____.

Only the main subsurface drains (SSD) will be maintained as part of the regulated drain. The branches for each lot will not be maintained as part of the drain. The 6" SSD at the rear of Lots 276 to 287 and the front of Lots 248 and 249 will be part of the regulated drain. The 10" PVC used to extend the existing 10" field tile across the front of Lots 286 and 287 is not to be considered part of the regulated drain.

The main open ditch along the North line of Lots 241, 242 and 243 was included as part of Section 4 of Morse Landings. The open ditch listed above includes 200' from this main open ditch described: above to Structure 464 and the ravine from Tollgate to the reservoir along the South line of Lots 271 to 275. Lot 83 in Forest Bay Estates will be involved with the latter portion of the

open ditch. The owner of this lot should be notified because of easement on his lot, but I recommend the lot not be assessed for maintenance at this time.

I recommend a hearing be set for February 19, 1991, I also recommend the Board approve the attached non-enforcement at time of hearing if the petition is approved.


Kenton A. Ward
Hamilton County Surveyor

KCW/no



March 12, 1990

Irrevocable Letter of Credit No. 8275440400-04614
Expiration Date: March 12, 1993

Hamilton County Commissioners
Hamilton County, Indiana

RE: LETTER OF CREDIT NUMBER 8275440400-04614

Gentlemen:

For the account of The Shorewood Corporation, we hereby authorize you to draw on us at sight to the extent of ****U.S. \$39,000.00****.

Each of your drafts must:

1. Be marked "Drawn under Meritor's Letter of Credit No. 8275440400-04614 dated March 12, 1990".
2. Be presented, together with this original Letter of Credit at our offices at 1234 Market Street, 9th Floor, Philadelphia, Pennsylvania, 19107, no later than 3:00 p.m. Philadelphia time on March 12, 1993.
3. Be accompanied by the following:

Certification by Hamilton County Commissioners, Hamilton County, of non-compliance with the specifications required for storm sewers in Section 5 of Morse Landing by The Shorewood Corporation. Such certification may not antedate this Letter of Credit and;

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

4. Not exceed, in the cumulative aggregate \$39,000.00.

March 12, 1990
Irrevocable Letter of Credit
No. 8275440400-04614
Page 2

This Letter of Credit shall be governed by Article 5 of the Uniform Commercial Code. To the extent not inconsistent therewith, this Letter of Credit is subject to the Uniform Customs and Practices for Documentary Credits (1983 Revision), International Chamber of Commerce Publication No. 400 (the "UCP").

This Letter of Credit states all the terms of our undertaking and, aside from the UCP, shall not be modified, amended, or amplified by reference herein to any other writing, instrument or agreement. Nor, aside from UCP shall any reference herein to any other writing, instrument, or agreement be deemed to be incorporated herein such writing, instrument, or agreement.

This Letter of Credit is neither assignable nor transferable.

We hereby irrevocably agree that drafts drawn under and presented in strict compliance with the terms of this Letter of Credit shall be duly honored within three business days of presentation.

Very truly yours,

MERITOR SAVINGS BANK (formerly
The Philadelphia Saving Fund Society)

BY: 
Director

WJL/jt

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: Hamilton County Drainage Board

FROM: Paul I. Cripe, Inc.

SUBJECT: Morse Landings Subdivision, Section Five

I hereby certify that

- 1) I am familiar with the plans and specifications for the above referenced project,
- 2) I have personally observed the completion of the above referenced project, and
- 3) To the best of my knowledge, information and belief, the above referenced project has been performed and completed in conformity with all plans and specifications, except as noted on Record Drawings revised 07-26-90

Signature

Joseph A. Sharp

Date 07-26-90

Type or Printed Name

Joseph A. Sharp

Business Address

7172 Graham Road

Indianapolis IN 46250

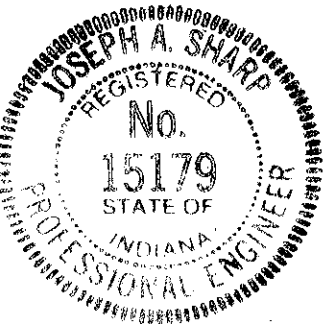
Telephone

842-6777

Seal

Indiana Registration Number

15179



RECEIVED 7/26/90

ADM:t1
1/13/84



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

January 29, 1997

**Re: Mary Nagle Drain - Morse Landing Sec. 5
Arm**

Attached are as-builts, and other information for Morse Landing Sec. 5. 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 December 20, 1990. The changes are as follows:
Structure 469-468 consisted of 20' feet of 12" RCP which was changed to 55' feet of 12" CMP.

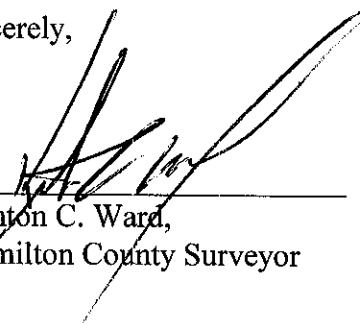
The length of the drain due to the changes described above is now **2,814 feet**.

The non-enforcement was approved by the Board at its meeting on March 18, 1991 and recorded under instrument #9107796.

The bond or letter of credit from Meritor, number 8275440400-04614, dated March 12, 1990, in the amount of \$39,000.00, has been recommended for release in my original report to the board on December 20, 1990.

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

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

Asbuilt Structures

Project: MORSE LANDING SEC. 5

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

463	834.64	828.71				
461	830.64	828.05	12"	160'	✓✓	
461	830.64	827.63				
453	833.70	827.47	15"	120'	✓	
460	833.28	830.09				
459	833.27	829.83	12"	26'	✓✓	
459	833.27	827.70				
458	834.10	829.76	12"	35'	✓✓	
458	834.10	829.52				
457	834.0	828.84	12"	131'	✓✓	
457	834.0	828.64				
454	836.4	830.83	15"	132'	✓	
454	836.40	828.43				
453	833.70	826.93	18"	231'	✓	
453	833.70	826.83				
452	834.60	826.32	18"	80'	✓	
452	834.60	826.10				
MES 451	-	810.12	18"	120'	✓	

6" SSD Streets:

Total: _____

RCP Pipe Totals:

6" SSD Lots:

Total: _____

Other Drain:

Total Length of Drain: _____

Asbuilt Structures

Project: MORSE LANDING SEC. 5

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

454	836.40	830.83				
455	835.81	831.89	12"	28'	✓	
455	835.81	831.70				
456	835.84	832.34	12"	26'	✓	
461	830.64	827.63				
462	830.72	828.23	12"	26'	✓	
472	832.66	829.57				
Steel end Sec. 471	-	822.42	12"	50'	✓	
470	833.25	829.76				
469	833.40	828.60	12"	27'	✓	
469	833.40	828.11				
Steel end Sec. 468	-	810.45	12" CMP	55'		Changed from 20' RCP
467	832.40	828.54				
466	831.82	828.32	12"	52'	✓	
466	831.82	827.79				
465	834.50	826.34	12"	105'	✓	
465	834.50	826.30				
Steel end Sec. 464	-	820.60	12"	145'	✓	

6" SSD Streets:

Total: _____

RCP Pipe Totals:

6" SSD Lots:

Total: _____

Other Drain:

Total Length of Drain: _____

Asbuilt Structures

Project: MORSE LANDING SEC 5

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

465	834.50	827.19				
473	832.02	828.92	12"	25'	//	

6" SSD Streets:

Total: _____

6" SSD Lots:

276-281	300'
248-249	120'

Total: 420'

RCP Pipe Totals:

12"	836'	//
15"	252'	//
18"	431'	//

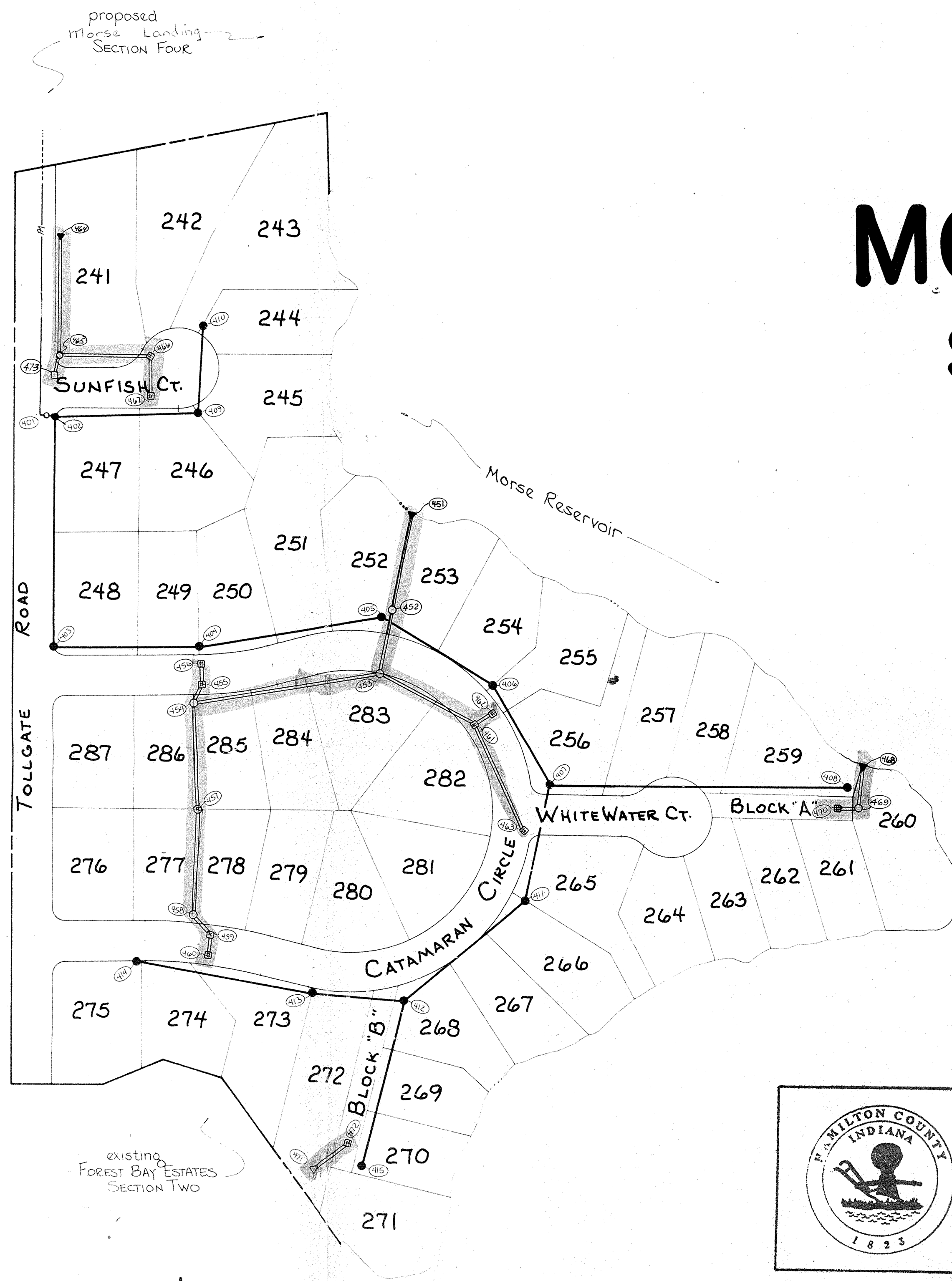
Other Drain:	
12" CMP	55'
30" CMP	100'
OPEN DITCH	720'

Total Length of Drain: 2814' Feet

INDEX

- 2 Site Development Plan
- 2A Clearing Limits
- 3 STREET ~ PLAN & PROFILE
- 4 STREET ~ PLAN/DETAILS
- 5 STREET & PRIVATE DRIVE DETAILS
- 6 STORM SEWER ~ PLAN & PROFILES
- 7 STORM SEWER ~ PLAN & PROFILES
- 8 SANITARY SEWER ~ PLAN & PROFILES
- 9 SANITARY SEWER ~ PLAN & PROFILE
- 10 WATER MAIN PLAN
- 11 WATER DETAILS & SPECIFICATIONS
- 12 LIFT STATION DETAIL
- 13 STANDARD DETAILS & SPECIFICATIONS
- 14 STANDARD DETAILS & SPECIFICATIONS

MORSE LANDING SECTION FIVE CONSTRUCTION PLANS



MILTON COUNTY INDIANA 1823

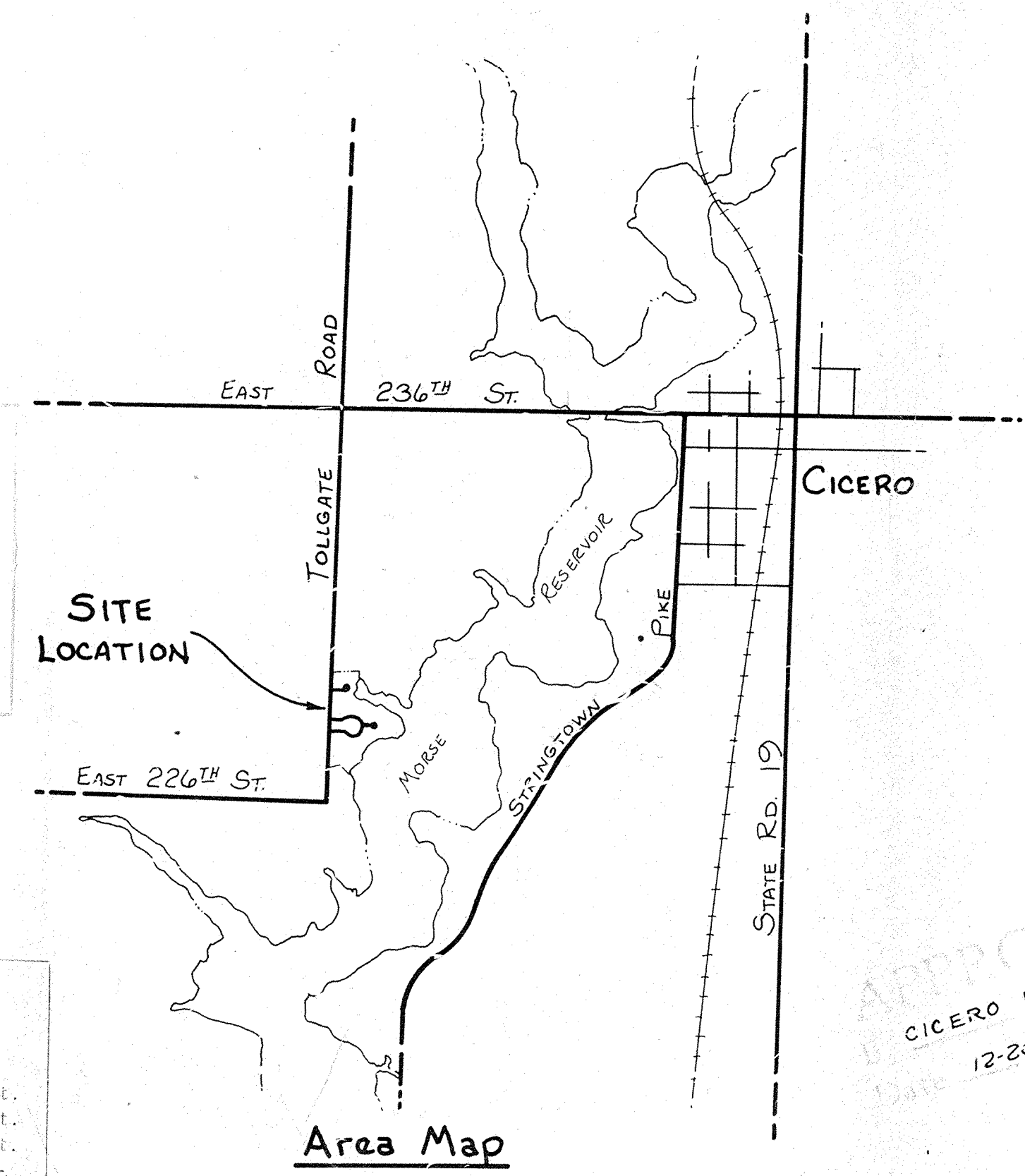
This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

Entry Date: 4-30-04

Entered by: Juf

SANITARY SEWER SCHEDULE FOR STATE BOARD OF HEALTH

8" VCP	2535 lin. ft.
6" VCP (laterals)	1450 lin. ft.
12" force main	50 lin. ft.
4" force main	300 lin. ft.
Manholes	13
Ejector Station	1



BENCH MARKS

JUL 2 1990

JUL 26 1990

REVISIONS

- 4-18-89 REV. SHT. NOS 1-14, REMOVE L.S. SPEC. SHT., REV. LIFT STA. DETAIL SHT., REV. INDEX THIS SHT./B2D
- 5-1-89 ADD PUMP SPECIFICATIONS TO SHT. 12/LSR
- 7/7/89 REVISED SHEETS 8, 9 & 12 PER COMMENTS
- 10/18/89 REVISED SHEETS 6, 8 & 9
- 11/16/89 REV. STORM INFO STR. 452 & 462 SHTS. 1, 2, 5, 10, 14
- 11/30/89 REV. SHTS 1, 2, 4, 7, 9
- 12-13-89 Misc. REVISIONS - SHTS. 1, 2, 4, 6, 7, 8, & 9
- 12/26/89 REV. SHTS 2, 4, 5 & 13
- 1/12/90 REV. SHTS 2, 4 & 5
- 1/31/90 ADDED LATERAL LOCATIONS SHEETS 8 & 9
- 5-8-90 SANITARY SEWER AS-BUILT INFORMATION PROFILES SHT. 8 & 9
- 7/26/90 ADDED AS-BUILT INFO FROM SHTS 6 & 7

Cover Sheet

CIVIL ENGINEERING	SUBDIVISION DESIGN	BUILDING DESIGN	LAND DESIGN
SCALE	none	DATE	12-12-79
DRAWN BY	JSS	DESIGNED FOR	Morse Landing - Sec 5
TRACED		DESIGNED BY	PAUL I. CRIFE, INC.
CHECKED BY		DATE	12-12-79
		PROJECT NO.	70031-00815
		SHEET	1
		OF	14

REV. 1-18-89	REV. 11-16-89	REV. 3-28-80	REV. 3-10-80
REV. SITE LIMIT	REV. STORM STR	Name change	rev per engineer
452 & 462	452 & 462		
		Morse Landing	

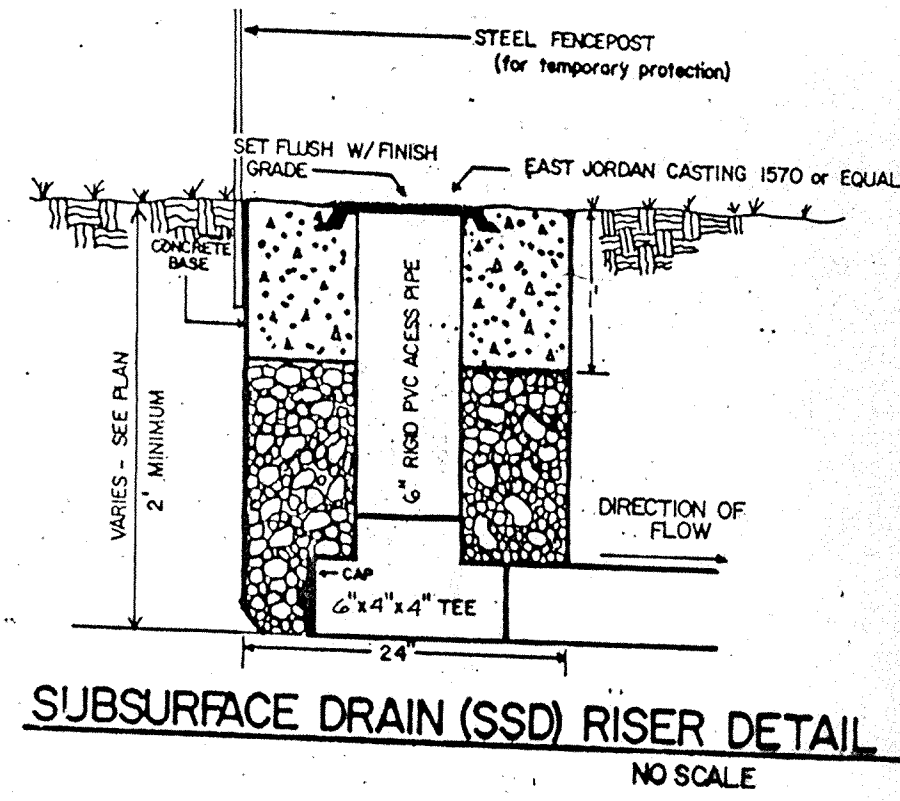
APPROVED

CICERO PLANNING COMMISSION

Date: 12-20-79

FILED

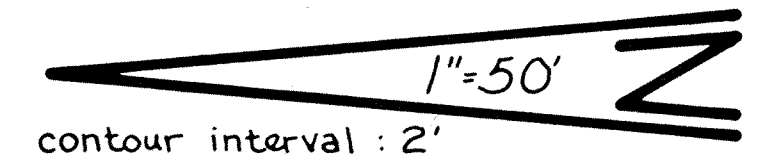
DEC 27 1979



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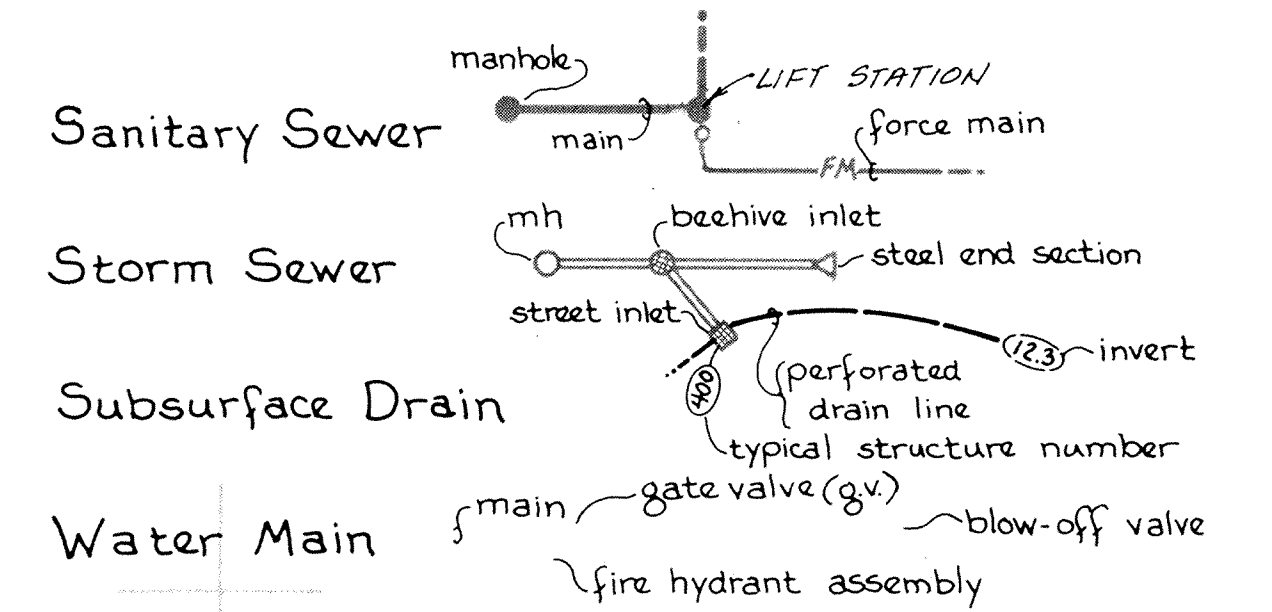
Entry Date: 4-30-01

Entered by: [Signature]



contour interval : 2'

LEGEND

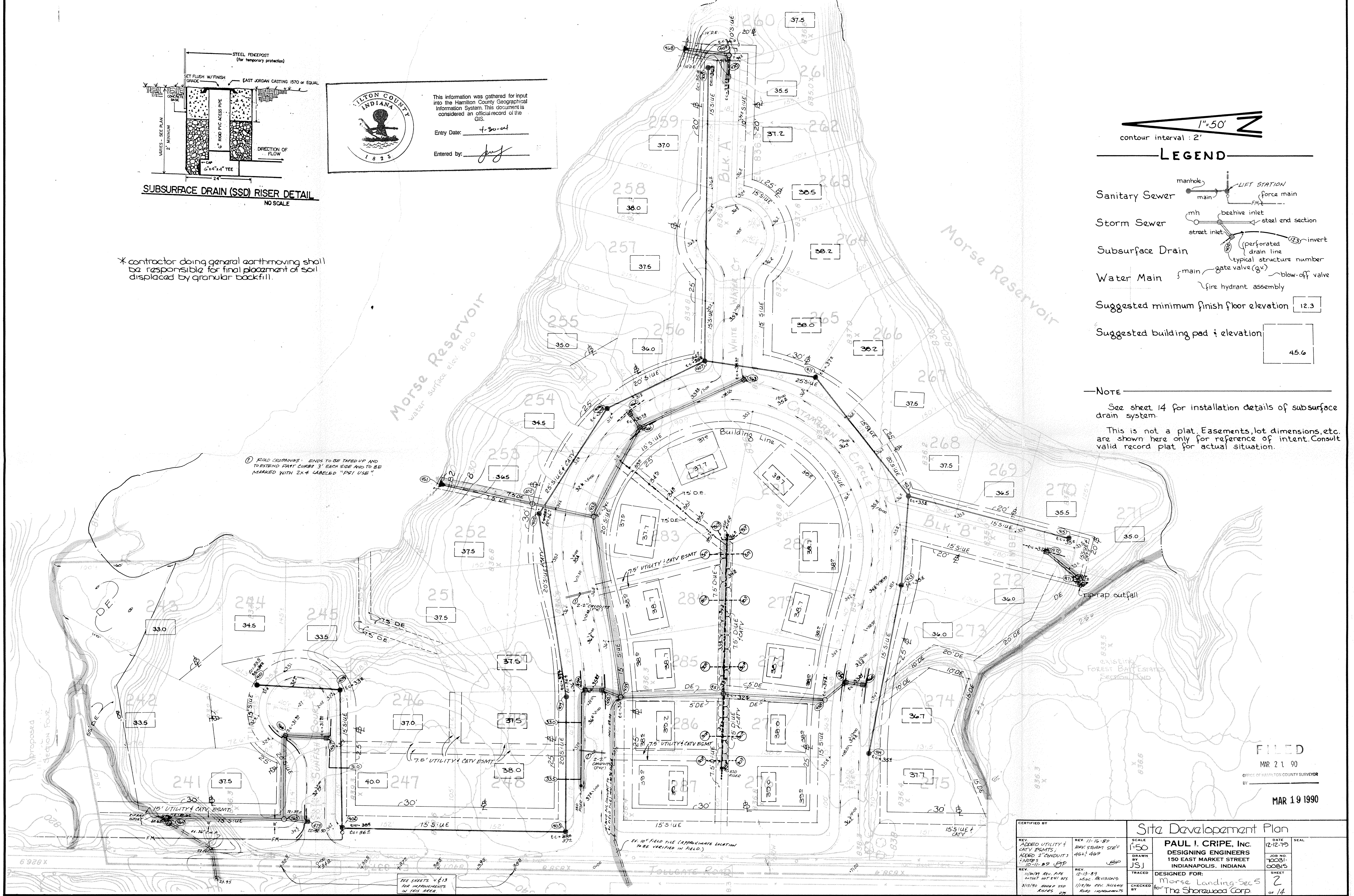


Suggested minimum finish floor elevation 12.3
 Suggested building pad elevation 45.6

Note
 See sheet 14 for installation details of subsurface drain system.

This is not a plat. Easements, lot dimensions, etc. are shown here only for reference of intent. Consult valid record plat for actual situation.

① ROAD (ROADWAYS) ENDS TO BE TIED UP AND TO EXTEND PAVT CURBS 3' EACH SIDE AND TO BE MARKED WITH 2x4 LABELED "PSI USE."

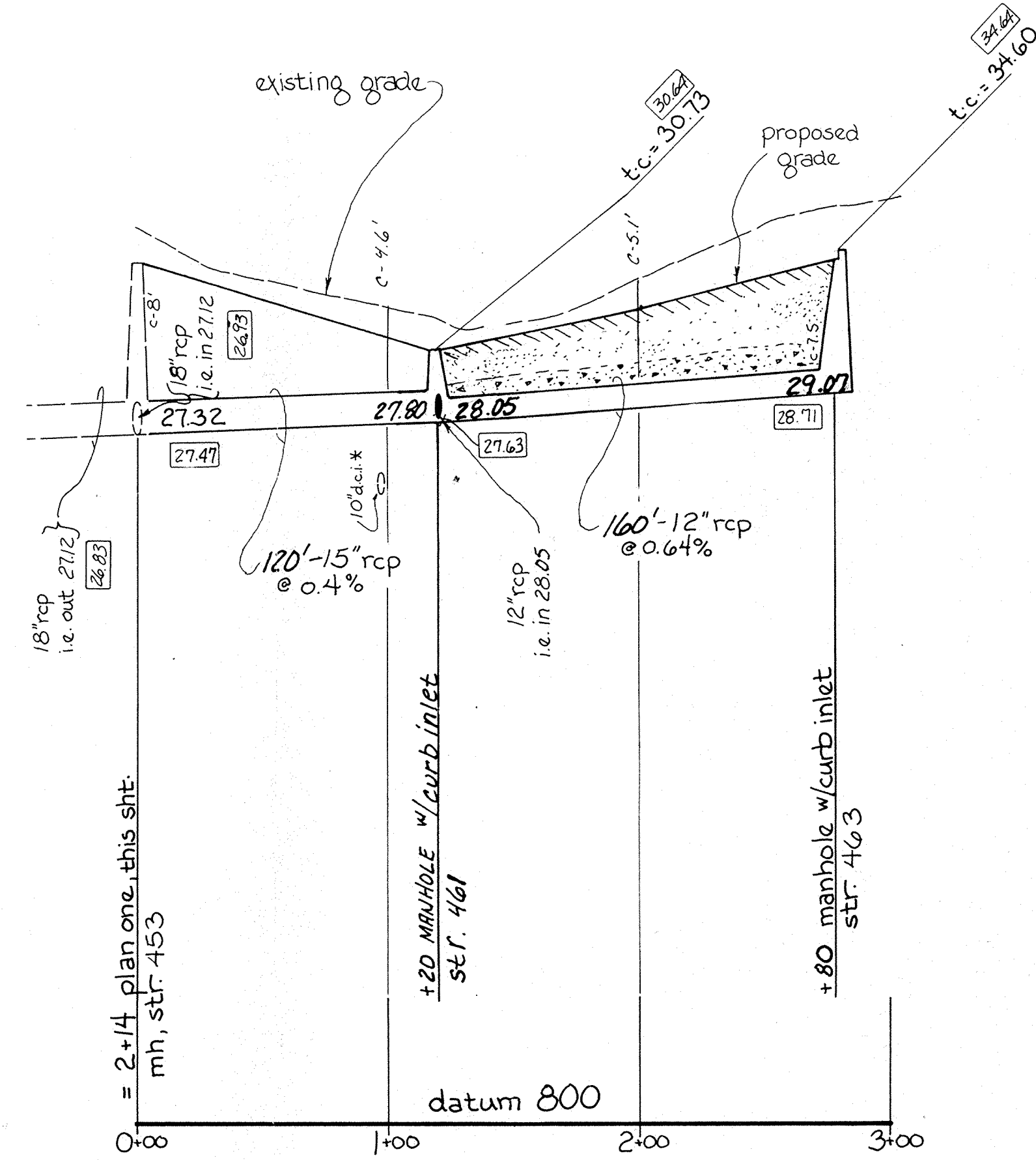
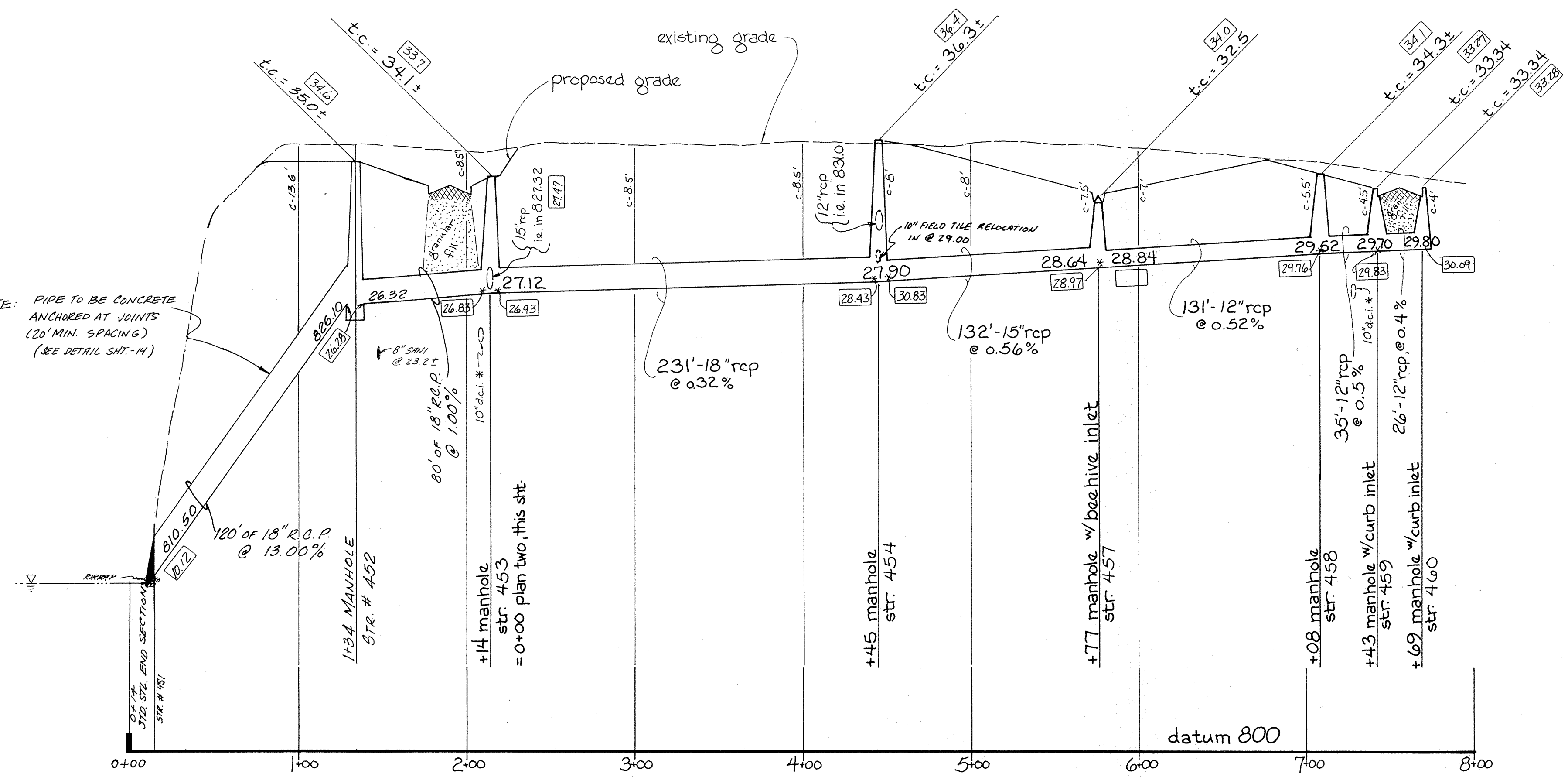


FILED
 MAR 21 90
 OFFICE OF HAMILTON COUNTY SURVEYOR
 BY: [Signature]
 MAR 19 1990

CERTIFIED BY		SCALE		DATE	
REV. ADDED UTILITY & CATV ESMTS, ADD'D 2' CONDUIT'S - MAR 10-11-89 JJP	REV. 11-16-89 DEP. STORM STR. 452; 460	1"=50'	DESIGNED FOR:	12-12-79	SEAL
REV. 10-19-89 REV. ARE NOTED NOT ENL. RES. 3/12/90 ADD'D SSD	REV. 12-13-89 Misc. REVISIONS 1/12/90 REV. TULLOCH ROAD IMPROVEMENTS	DRAWN BY JSJ	PAUL I. CRIFE, INC. DESIGNING ENGINEERS 150 EAST MARKET STREET INDIANAPOLIS, INDIANA	JOB NO. 10031	DOBIS
DESIGNED FOR: Morse Landing - Sec 5 for The Shawwood Corp.			CHECKED BY	SHEET 2	OF 14

SEE SHEETS 4 & 13 FOR IMPROVEMENTS IN THIS AREA.

NOTE: PIPE TO BE CONCRETE ANCHORED AT JOINTS (20' MIN. SPACING) (SEE DETAIL SHT.-H)



Profile One

scale: horiz 1"=50'
vert. 1"=5'

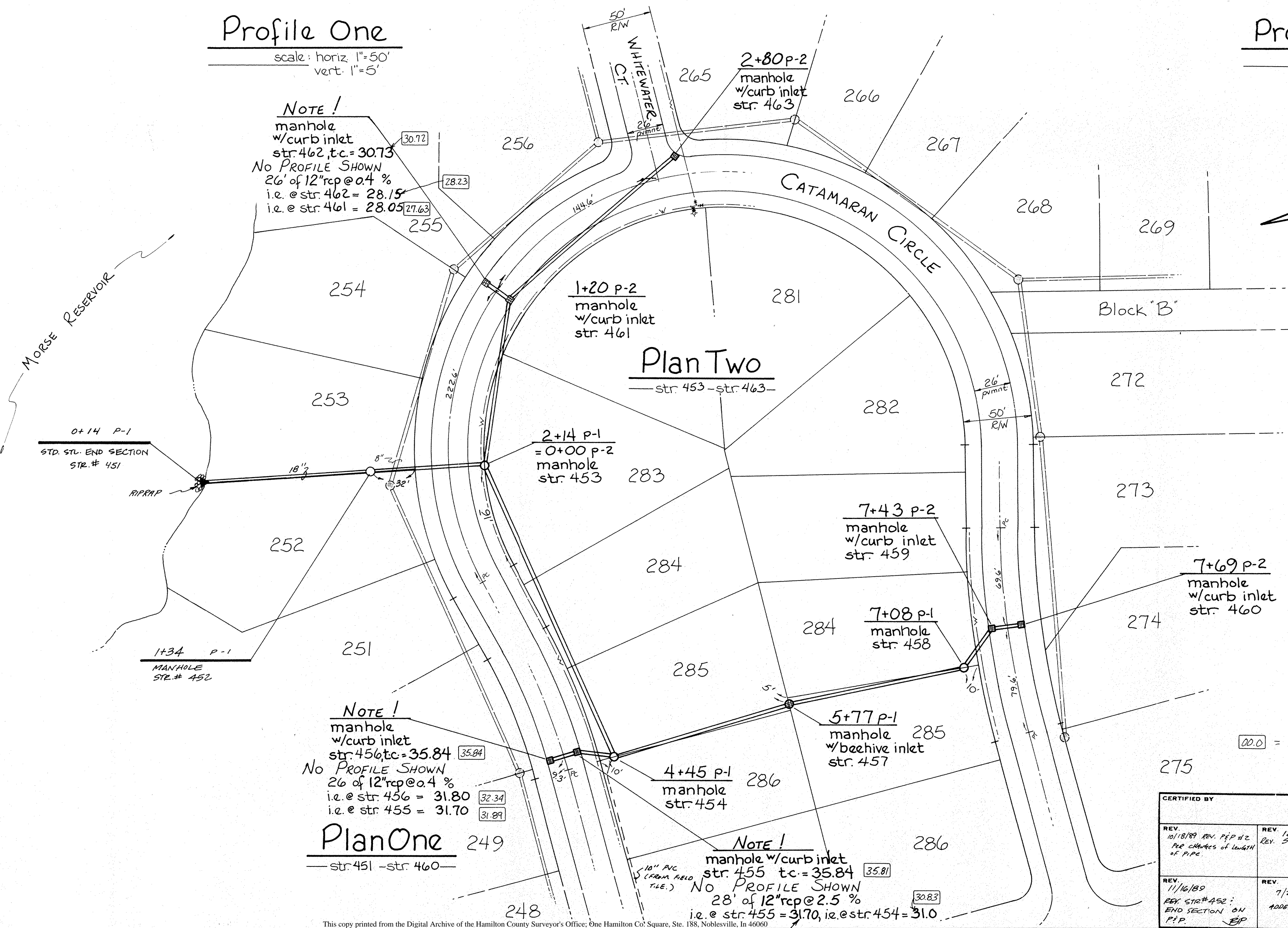
Profile Two


scale: horiz 1"=50'
vert. 1"=5'

NOTE!
manhole w/curb inlet str. 462, t.c. = 30.73
No PROFILE SHOWN
26' of 12" rcp @ 0.4%
i.e. @ str. 462 = 28.15
i.e. @ str. 461 = 28.05

NOTE!
manhole w/curb inlet str. 456, t.c. = 35.84
No PROFILE SHOWN
26' of 12" rcp @ 0.4%
i.e. @ str. 456 = 31.80
i.e. @ str. 455 = 31.70

NOTE!
manhole w/curb inlet str. 455, t.c. = 35.84
No PROFILE SHOWN
28' of 12" rcp @ 2.5%
i.e. @ str. 455 = 31.70, i.e. @ str. 454 = 31.0





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Entry Date: 4-30-04

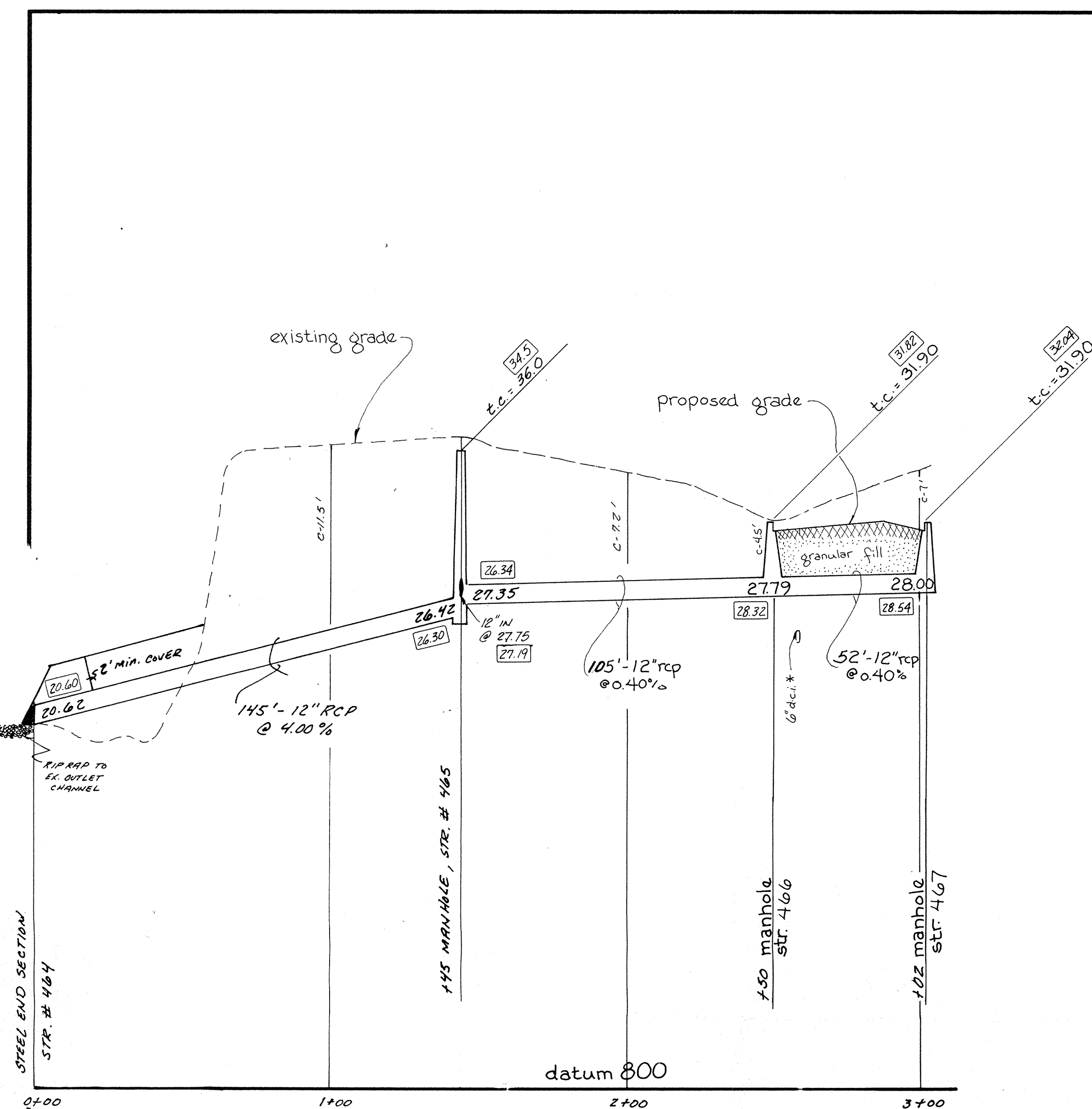
Entered by: JMJ

NOTE
Cuts or fills shown are approximate from existing grade to inverts.
Castings shall be Neenah or an accepted alternate mfg. std. manhole: R-1772-A curb inlet: R-3246
beehive inlet: R-2560-E1
Subsurface drainage lines appear only on site development plan, sht. 2.
Notice storm structures which appear only in plan. Granular backfill required beneath all pavements.

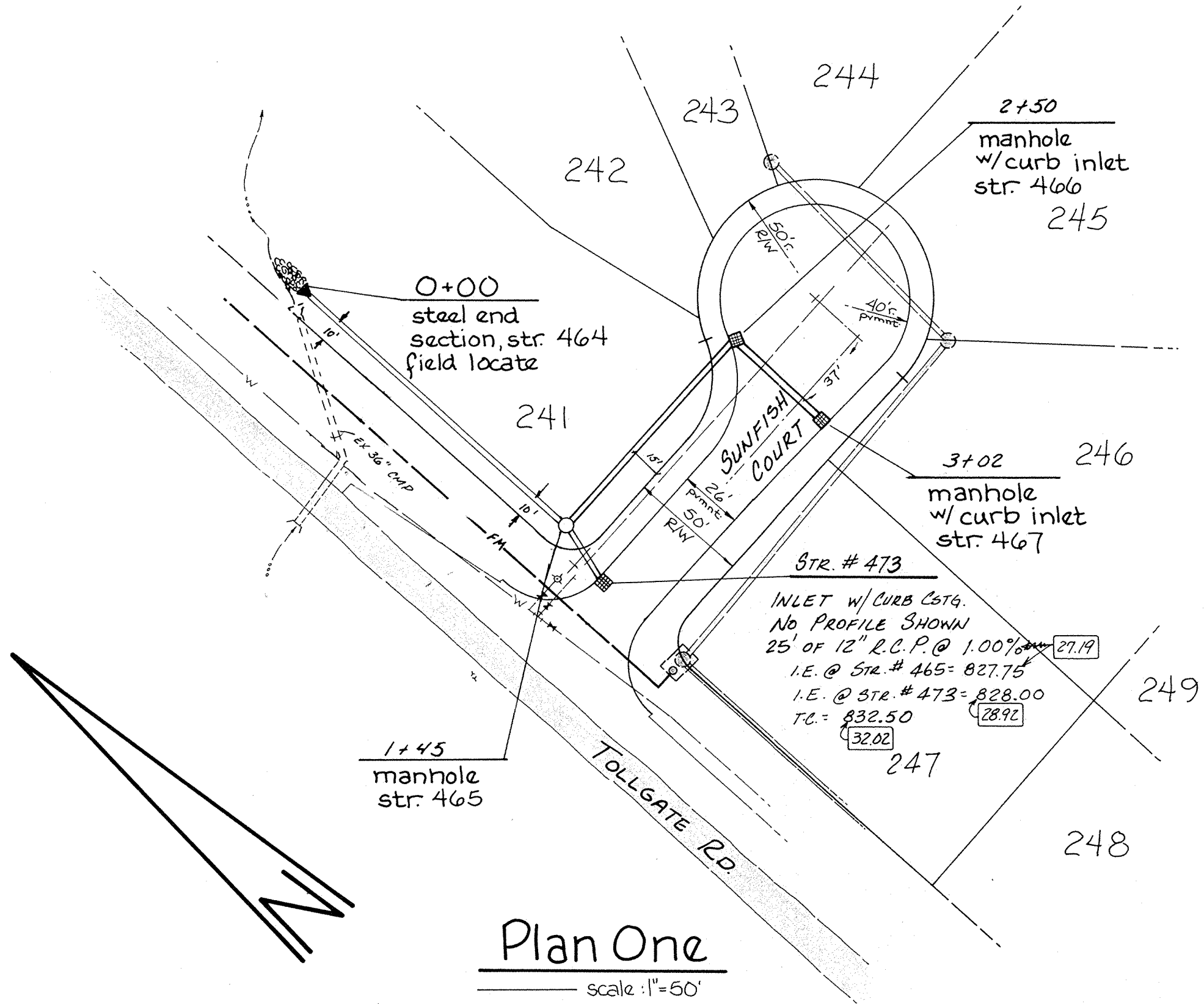
Water main depth and location shown is approximate. Storm pipe and water pipe shall maintain 18' min. separation. Three crossings shown on this sheet require extra depth of water line to maintain specified clearances. See specifications, sheet 11.

②0.0 = INDICATES AS-BUILT INFORMATION

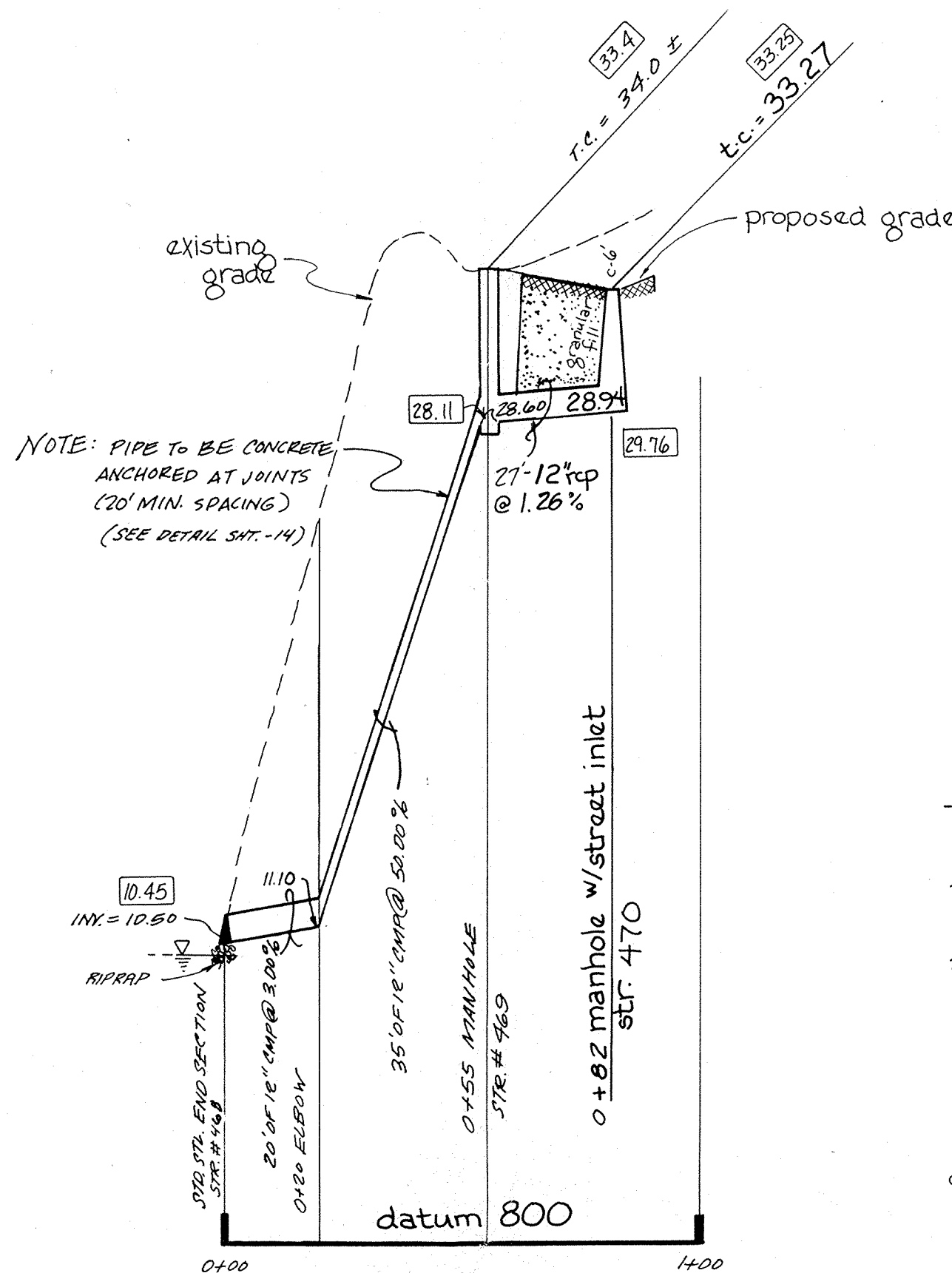
CERTIFIED BY		SCALE		DATE		SEAL	
REV. 10/18/89	REV. 12-13-89	noted	noted	12/12/79	12/12/79	12/12/79	12/12/79
REV. 11/16/89	REV. 7/26/90	checked	checked	00815	00815	00815	00815
DESIGNED FOR:		DRAWN BY:		DATE		SHEET	
Morse Landing - Sec. 5		JSS		12/12/79		6	
The Shorewood Corp.		JSS		12/12/79		14	



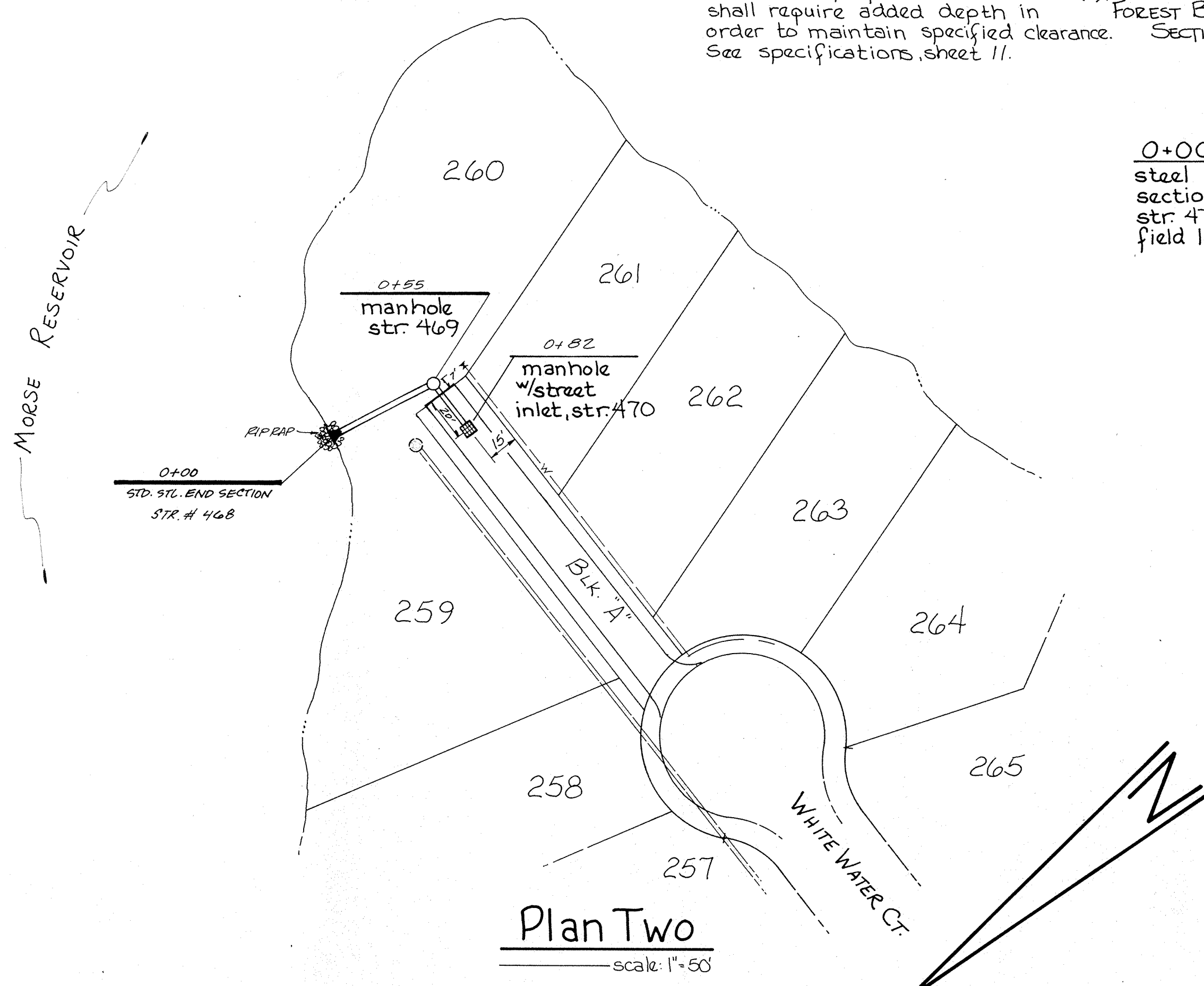
Profile One
scale: vert 1"=5'
horiz 1"=30' (Note!)



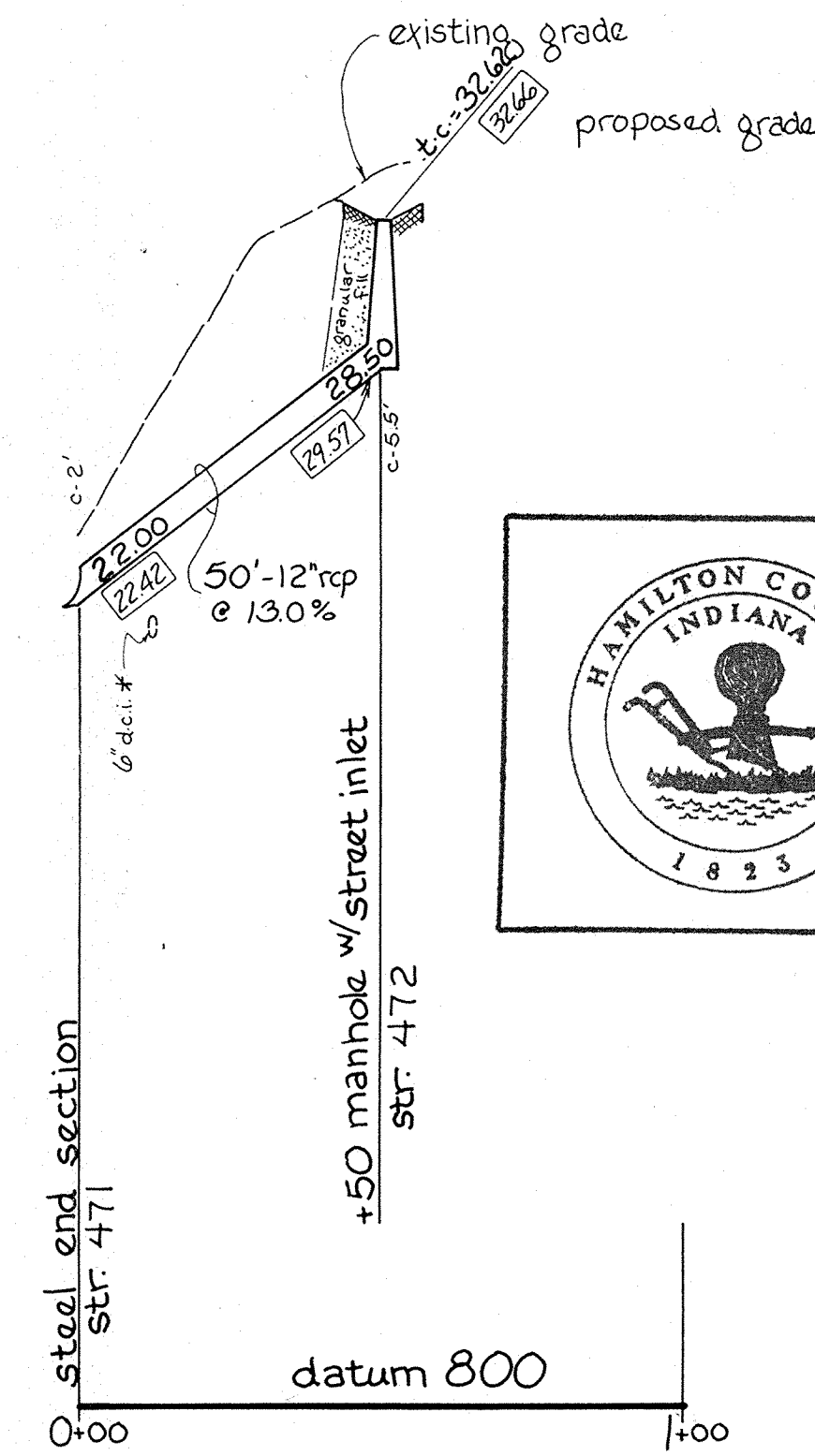
Plan One
scale: 1"=50'



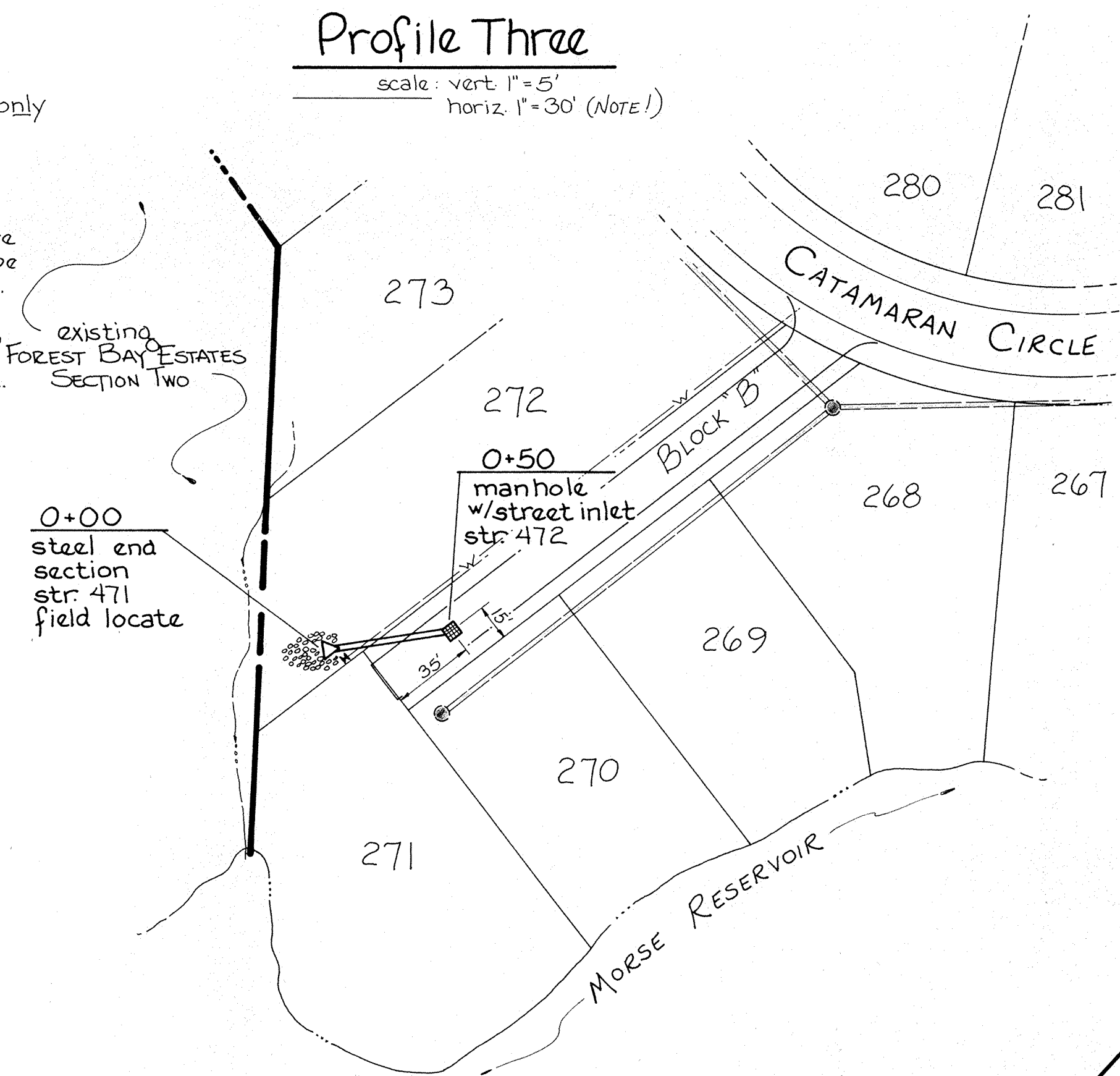
Profile Two
scale: vert 1"=5'
horiz 1"=30' (Note!)



Plan Two
scale: 1"=50'



Profile Three
scale: vert 1"=5'
horiz 1"=30' (Note!)



Plan Three
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: 4-30-04

Entered by: [Signature]

NOTE
Cuts or fills shown are approximate from existing grade to inverts.
Castings shall be Neenah or an accepted alternate mfg.
std. manhole: R-1772-A
curb inlet: R-3246
street inlet: R-3434

Subsurface drain lines appear only on site development plan, sht. 2.

Water main depth and location are approximate as shown here. Storm pipe and water pipe shall maintain 18" min. separation. Crossings on this sheet, marked in profile with an asterisk (*), shall require added depth in order to maintain specified clearance. See specifications, sheet 11.

00.0 INDICATES AS-BUILT INFORMATION

CERTIFIED BY		DATE		SEAL	
REV. 11-16-89	REV. 11/21/89	noted	12-12-79		
REV. STR. # 469	REV. PIPE # 1	noted			
P.P.	PIPE ADJUSTED AS	DRAWN BY JSJ			
REV. 12-13-89	REV. 1/26/90	TRACED			
ADDED STR. # 472	ADDED	CHECKED BY			

STORMSEWER ~ PLAN & PROFILE

DESIGNED FOR: Morse Landing - Sec. 5
The Shorewood Corp

SHEET 7 OF 14