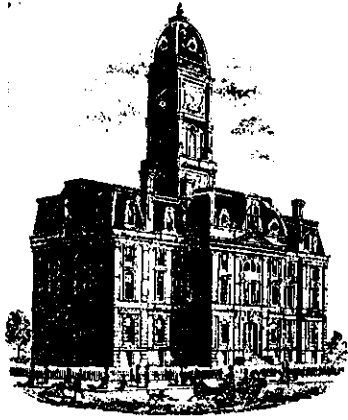


Drain: JR COLLINS #1 DRAIN **Drain #:** 88
Improvement/Arm: WEST PARK AT SPRING MILL -SECTION 2
Operator: JDH **Date:** 11-21-03
Drain Classification: Urban/Rural **Year Installed:** 1989

GIS Drain Input Checklist

- Pull Source Documents for Scanning JPA 11-21
- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains JPA 11-21
- Digitize & Attribute SSD JPA 11-21
- Digitize & Attribute Open Ditch N/A
- Stamp Plans JPA 11-21
- Sum drain lengths & Validate JPA 11-21
- Enter Improvements into Posse JPA 11-21
- Enter Drain Age into Posse JPA
- Sum drain length for Watershed in Posse JPA
- Check Database entries for errors JPA 11-21



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square

Noblesville, Indiana 46060-2230

October 21, 1993

TO: Hamilton County Drainage Board

RE: J.R. Collins #1 Drain #88
Westpark at Springmill, Sections 1 and 2 Arms

Attached are "As Built" plans, calculations and Engineers Certificate of Completion and Compliance for Westpark at Springmill, Section 1 and 2. The drainage system within this area was inadvertently left out as being set up as regulated drain when the area was platted in 1990-1991. Both sections fall within the drainage shed for the J.R. Collins #1 Drain and all lots are assessed to that drain for maintenance.

I am recommending to the Board that the storm sewer system be accepted as regulated drain. This should be done without increase in the annual maintenance assessment of \$5.00 per acre, \$25.00 minimum.

The drain has been changed slightly since my report dated September 12, 1988. With the construction of Section 1 of Westpark at Springmill the two thirty (30") inch RCP outletting the lake with open ditch was changed to a single thirty-six (36") inch RCP w/swale over top for an emergency spillway. No change in the total length resulted from this.

The drainage facilities for Section 1 will consist of the following:

4" & 6" SSD	⁴⁷⁶ 451 feet	15" RCP	511 feet
12" RCP	310 feet	24" RCP	^{358'} 382 feet
Twin 12" CMP	45 feet	30" RCP	204 feet
15" RCP	511 feet	Conc Swale	94 feet
Open Ditch	38 Feet		

The total length for this section is 6094 feet. The twin 12" CMP< Open Ditch and concrete swale listed above is the portion along the East R/W of Springmill Road between STR 761 and Williams Creek. The 4" SSD is unique to this section. It was installed before it was found by the Inspector. Although it does not comply with the County Standard, I recommend it be accepted as part of the drain.

The retention pond (Block B) located in the rear of lots 32-41 and the retention pond (Block A) in the rear of lots 4-8 is not to be considered part of the regulated drain. Only the inlet, outlet and open ditch will be maintained as part of the regulated drain. The maintenance of the pond (lake) will be the responsibility of the Homeowners Association. The Board will however, retain jurisdiction for ensuring the storage volume for which the lake was designed will be retained. Thereby, allowing no fill or easement encroachments.

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 are to be maintained as regulated drain. The portion of the SSD which will be regulated other than those under curbs are as follows: Rear lots 17 to 27.

6"	SSD	2241 feet	18"	RCP	508 feet
12"	RCP	559 feet	21"	RCP	251 feet
15"	RCP	875 feet	24"	RCP	251 feet

The total length of this section is 4685 feet. The total length for both sections is 10,779 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 are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain. The portion of the SSD which will be regulated other than those under curbs are as follows: 66-68; 73-79; 57-63; 55,56, 48; 48-54; and along the North line of Lot 89 and 45, 46.

Both sections are now complete. I recommend the Board approve both sections as complete and acceptable. I also recommend the Board approve the easements as platted for both sections as shown on the secondary plats for each section. These plats are recorded in the office the Hamilton County Recorder as follows: Westpark at Springmill Section 1, Plat Cab. 1, slide 37 and Westpark at Springmill Section 2, Plat Cab. 1 slide 125.

This program also recommends the extension of the regulated drain to Williams Creek. This was recommended in my report dated September 12, 1988. This will add 699 feet of drain broken down to 50' of 71x47" CMPA and 649 feet of open ditch. This will begin at the point of terminus of the 1890 ditch. This will begin at the point. Per my 1988 report that point is approximately 36 feet South of the North line of Lot 8, Williams Creek Farms. Thence continue South in its existing channel across Lot 8 onto Lot 9 where it turns West crossing the common drive for Lots 7 and 8, thus continuing West between Lots 6 and 7 of Williams Creek Farms to Williams Creek. Point of terminus is the South West corner of Lot 7 and North West corner of Lot 6. This is shown in red on the attached development plan, Sheet 3, Williams Creek Farms prepared by Weihe Engineers.

This extension will require additional properties to be assessed. The following changes will be required.

Correll, James M. & Dorothy 17-09-35-00-00-001,
10 acres, increase from 4.5 acres assessed at \$25.00 to 6.35 acres at \$31.76.

Regency Realty Company 17-09-35-00-00-010.001,
3.025 acres assess 3.025 at \$25.00

Regency Realty Company 17-09-35-00-00-006,
6.046 acres assess 5.88 acres at \$29.00

Anderson, Ronald M. & Jill E. 17-09-35-01-01-002.000,
1.67 acre assess 0.1 acres at \$25.00

Lauth, Robert L. Jr. & Robin S. 1 Part Lot assess one lot at
\$25.00 17-09-35-01-01-002.001 - 0.57 Ac, 0.57 Benefited

Lauth, Robert L., Jr & Robin S. 4.65 acres assess 4.65 acres at
\$25.00 17-09-35-01-01-003.000

Harris, Thomas & Barbara 17-09-35-01-01-004. 4.74 acres assess
4.74 acres at \$25.00

17-09-35-01-01-005. 3.41 acres assess
3.08 acres at \$25.00

17-09-35-01-01-006. 4.06 acres assess
3.32 acres at \$25.00


17-09-35-01-01-007. 4.28 acres assess
2.96 acres at \$25.00

Gregor, Martin & Megan 17-09-35-01-01-015.000 1.51 acres assess
0.31 acres at \$25.00

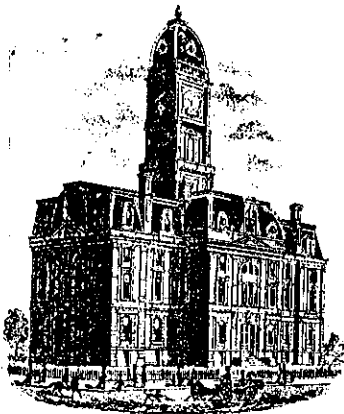
I recommend the same rates be used for maintenance as already established. I do not believe that damages will occur to the four (4) properties thru which the drain will be extended. This drain

has been classified as an Urban Drain prior to this time. Therefore, I recommend the Board establish the easement for the drain at twenty-five (25') feet from the Top of Bank on both sides throughout this additional length through Williams Creek Farms. The Board should approve by approval of this report the pond encroachment on Lot 7 and the two (2) existing crossings on Lot 8.

I recommend to the Board that a hearing be set for this item in December 1993.



Kenton C. Ward
Hamilton County Surveyor



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

776-9626


942 Maple Avenue

Noblesville, Indiana 46060 March 1, 1990

TO: Hamilton County Commissioners
RE: J.R. Collins Drain, Westpark Arm

On January 19, 1990, a final inspection of the drainage facilities for the J.R. Collins Drain, Westpark Arm was made. At that time, the facilities were found to be complete and acceptable. I recommend the Board release the surety for drainage facilities for this project. The surety agency concerned is First of America Bank, dated May 22, 1989, number SC 1619, in the amount of \$60,900.00.

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

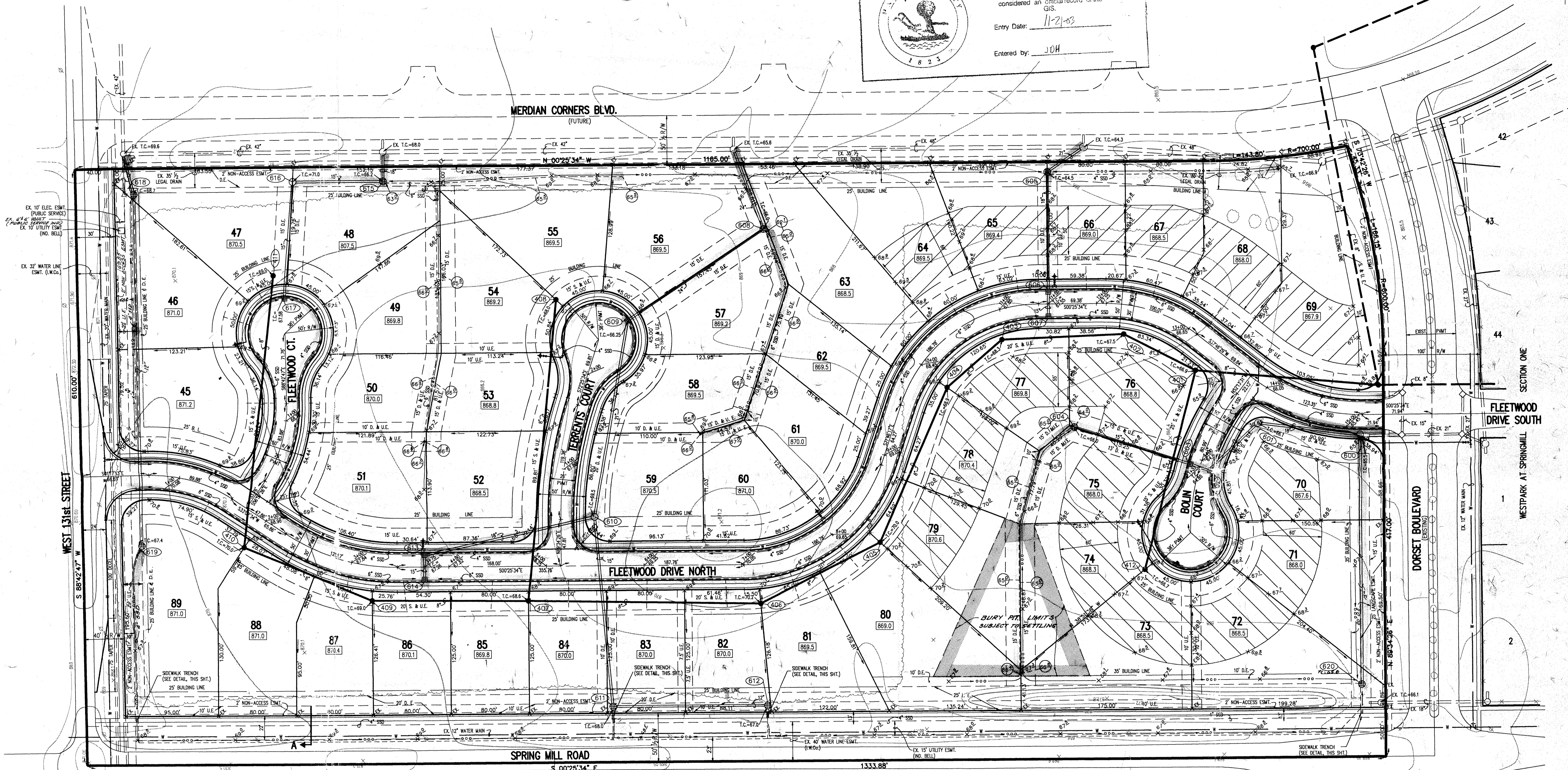
KCW/jb

cc: Ursel Cox
P.I. Cripe
Valenti Held
First Bank of America

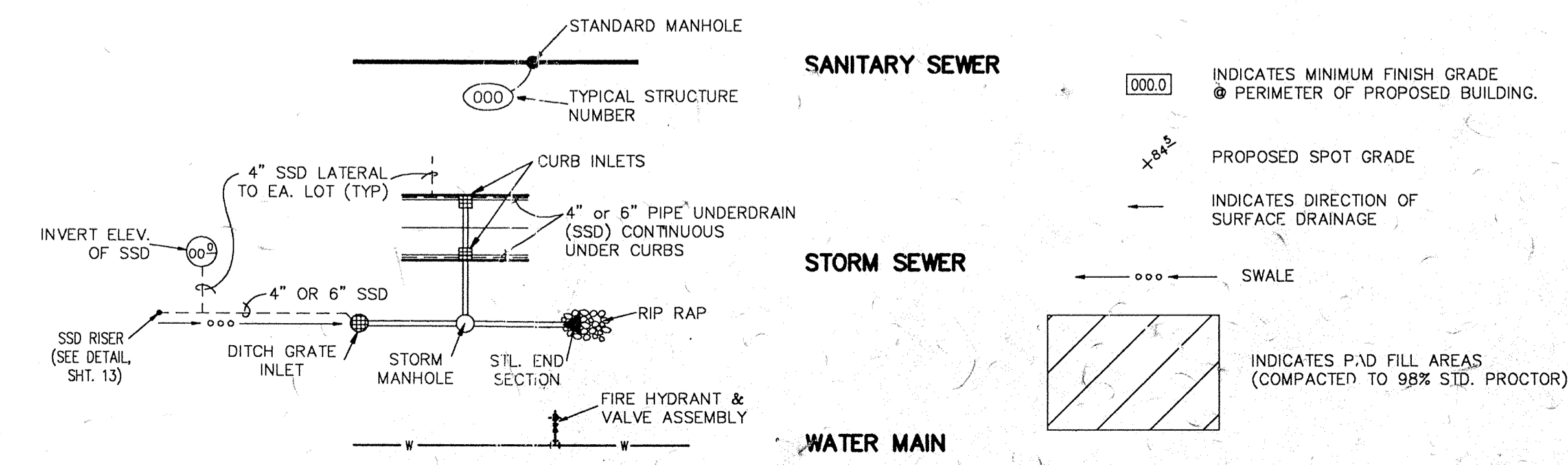
MILTON COUNTY INDIANA
 1823

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

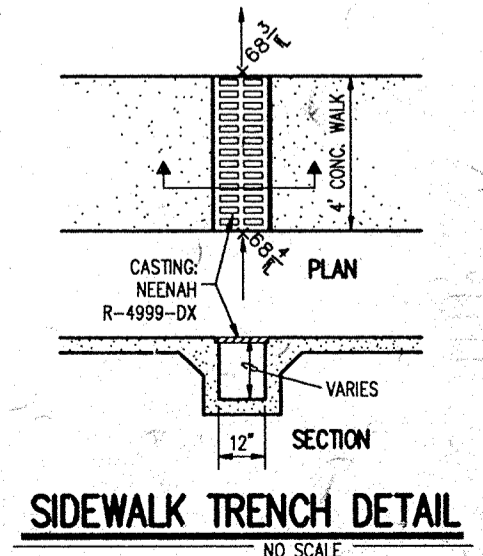
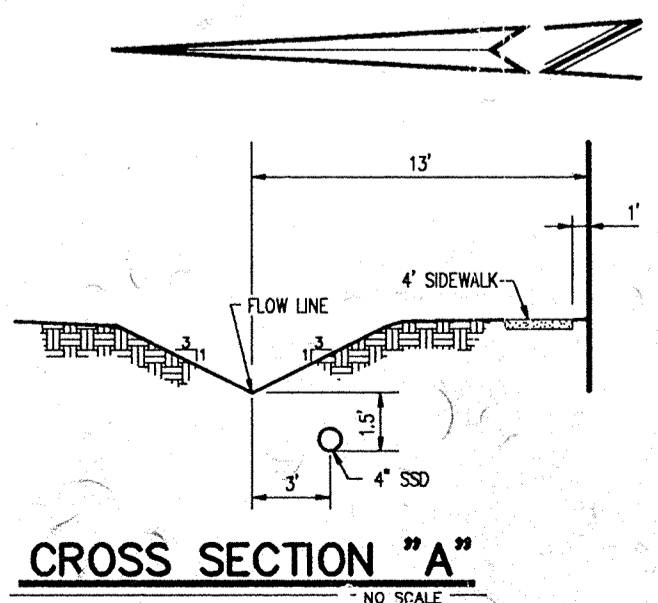
Entry Date: 11-21-03
 Entered by: J.O.H.



LEGEND



- NOTE: 1. BEARINGS, DIMENSIONS, AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY AND DO NOT NECESSARILY DEPICT ACTUAL RECORDED INFORMATION. SEE RECORDED PLAT FOR EXACT INFORMATION.
2. UNLESS A NATURAL OUTLET EXISTS, EACH LOT IS TO BE PROVIDED A 4" SSD LATERAL FOR FOUNDATION DRAINS ONLY. GUTTERS OR OTHER DRAINAGE STRUCTURES ARE NOT TO BE CONNECTED TO THE SSD SYSTEM. UNLESS NOTED ON THE PLAN, SSD IS TO BE:
 - 6" PERFORATED PVC MAIN SERVING 2 OR MORE LOTS OR ALONG SWALES OR CUTS.
 - 4" NON-PERFORATED LATERAL TO EA. LOT.
3. WATER MAINS ARE SHOWN FOR LOCATION REFERENCE ONLY. DESIGN AND INSTALLATION BY THE INDIANAPOLIS WATER CO.
4. ELEVATIONS SHOWN AT CENTERLINE OF STREETS ARE TOP OF CURB ELEVATIONS AT THAT RESPECTIVE STATION.
5. NO WATER SHALL BE PERMITTED TO FLOW INTO THE SANITARY SEWER WHILE UNDER CONSTRUCTION.
6. MOUNDING IN LANDSCAPE EASEMENTS WILL BE DIRECTED BY THE LANDSCAPE ARCHITECT.
7. SEE STREET DETAILS (SH. 4, 5, 6) FOR WHEEL CHAIR RAMP LOCATIONS.

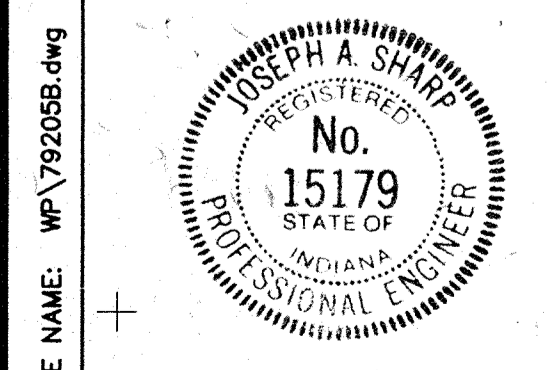


RECORD DRAWING

DEC 27 1990
 FOR EXISTING UTILITY LOCATIONS REFER TO UTILITY ROUTING PLAN SHEET 2-A

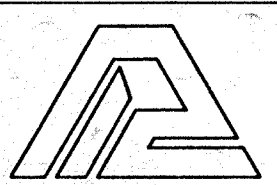
FILED

DEC 28 1990
 WESTPARK AT SPRINGMILL SEC. 2



CERTIFIED BY: [Signature]
 DATE: [Blank]

REVISIONS	DATE
1-31-90 REV. FOR T.O. COMMENTS & DEVELOPER COMMENTS	
5-2-90 REV. SSD & SWALE LOTS 45-46, 81, 83 & 89	
9-10-90 Added Bury P.T. Limits (Lots 73-74-75 & 80)	



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

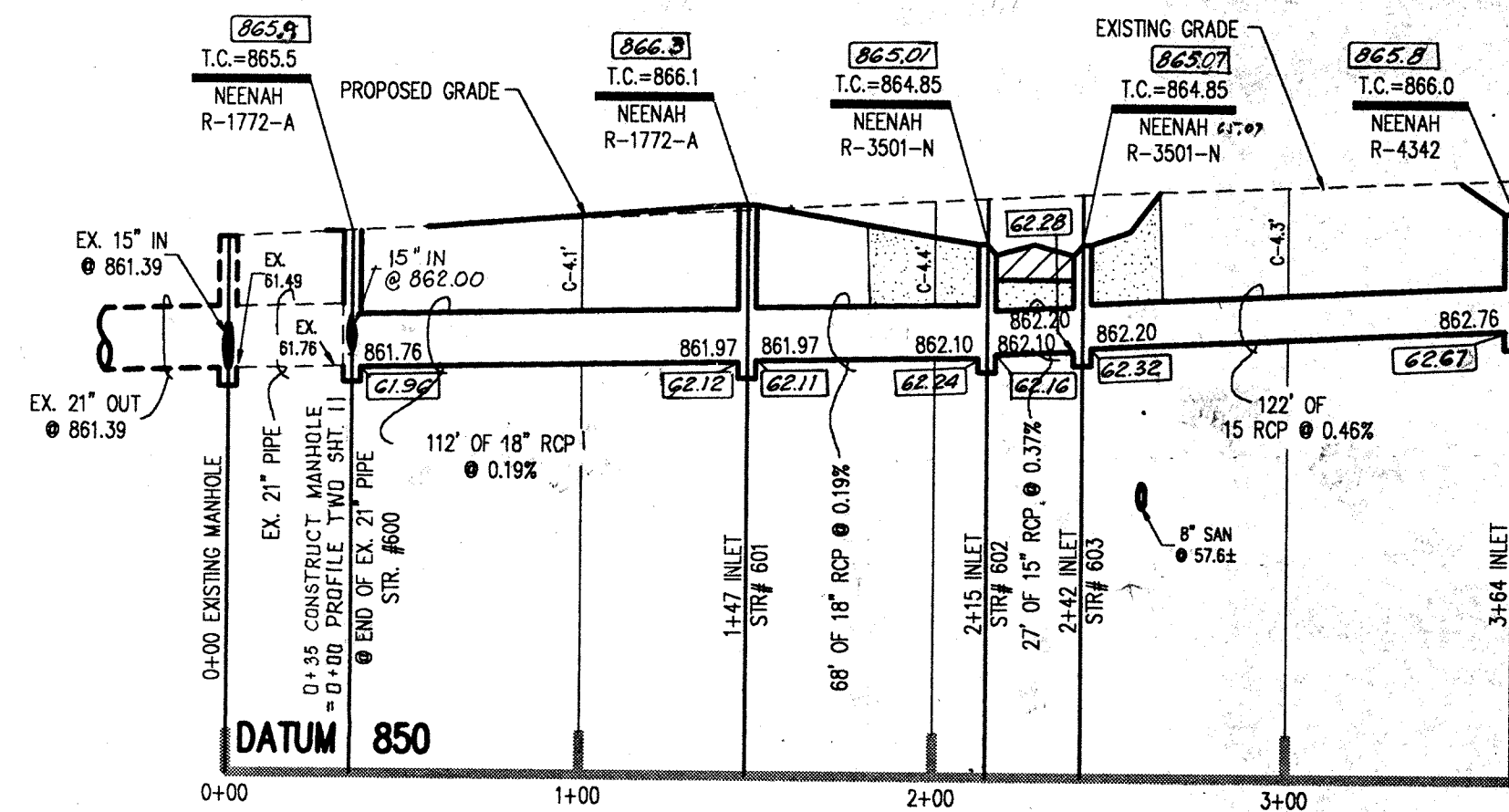
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- LAND SURVEYING
- ARCHITECTURE
- LAND PLANNING

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 CLIENT: BRENWICK DEVELOPMENT CO.
 DRAWING TITLE: **SITE DEVELOPMENT PLAN**

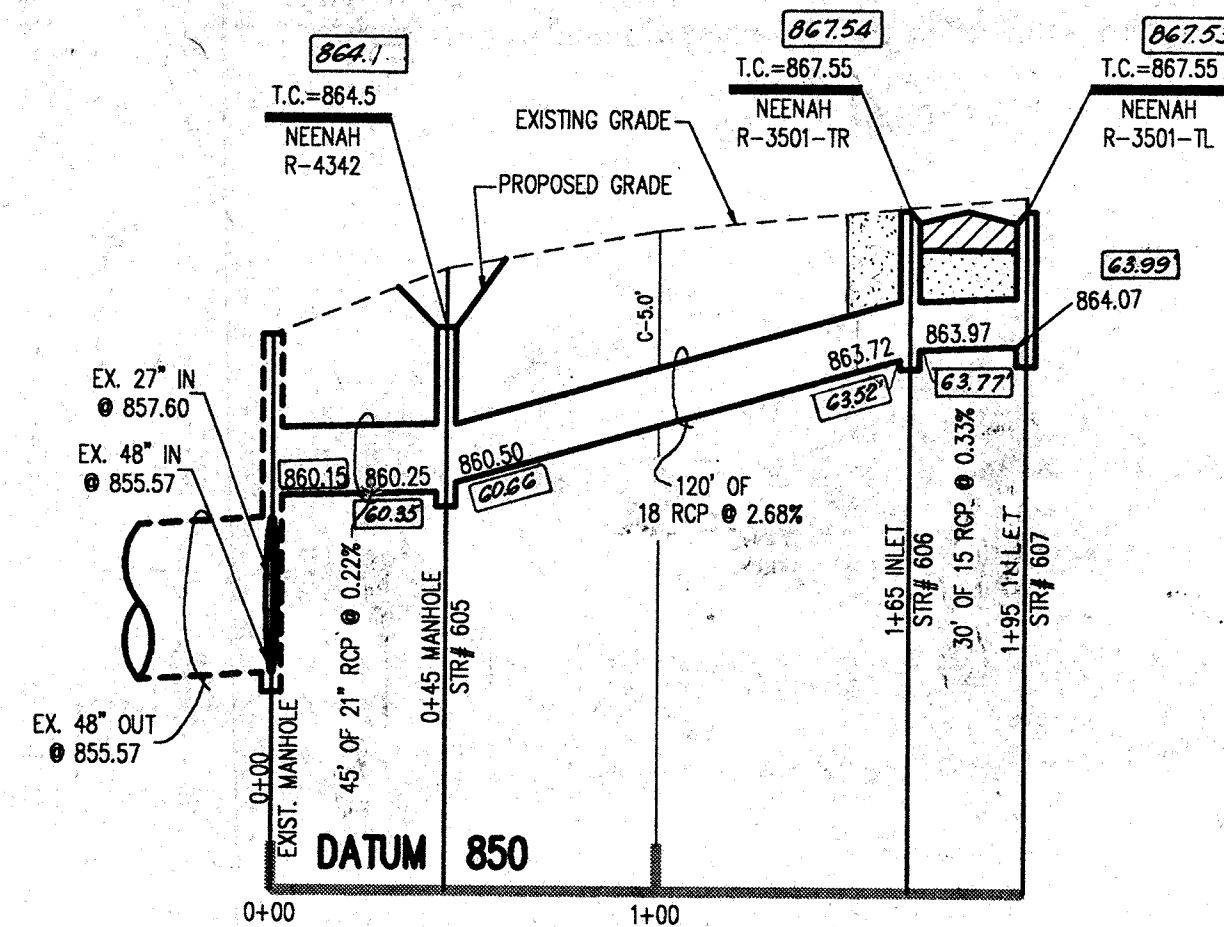
DWG. TYPE	FILE NUMBER	SHEET
		2
JOB NUMBER: 79205-90200		

- NOTE:
- 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.

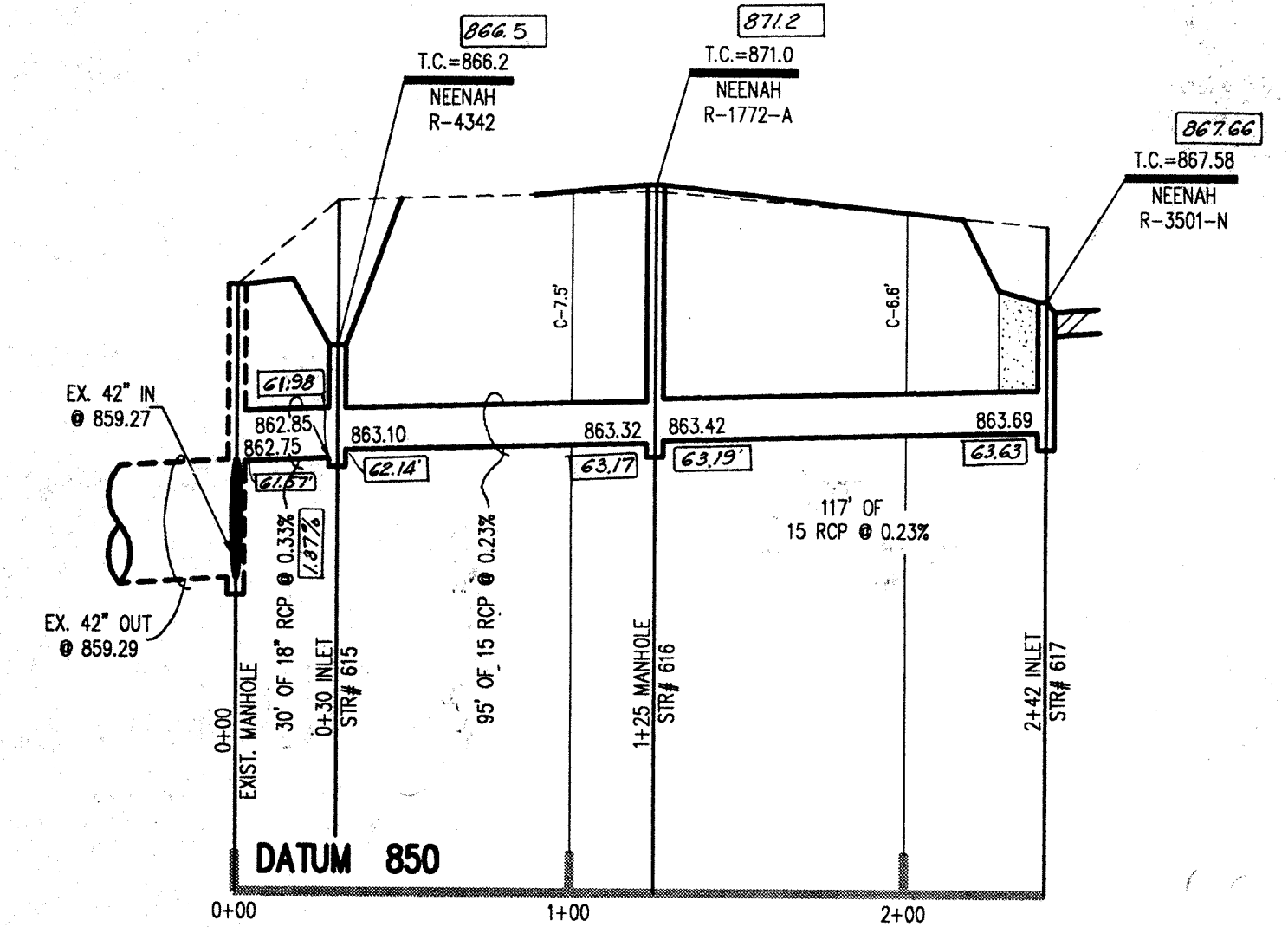
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PROFILE ONE



PROFILE TWO



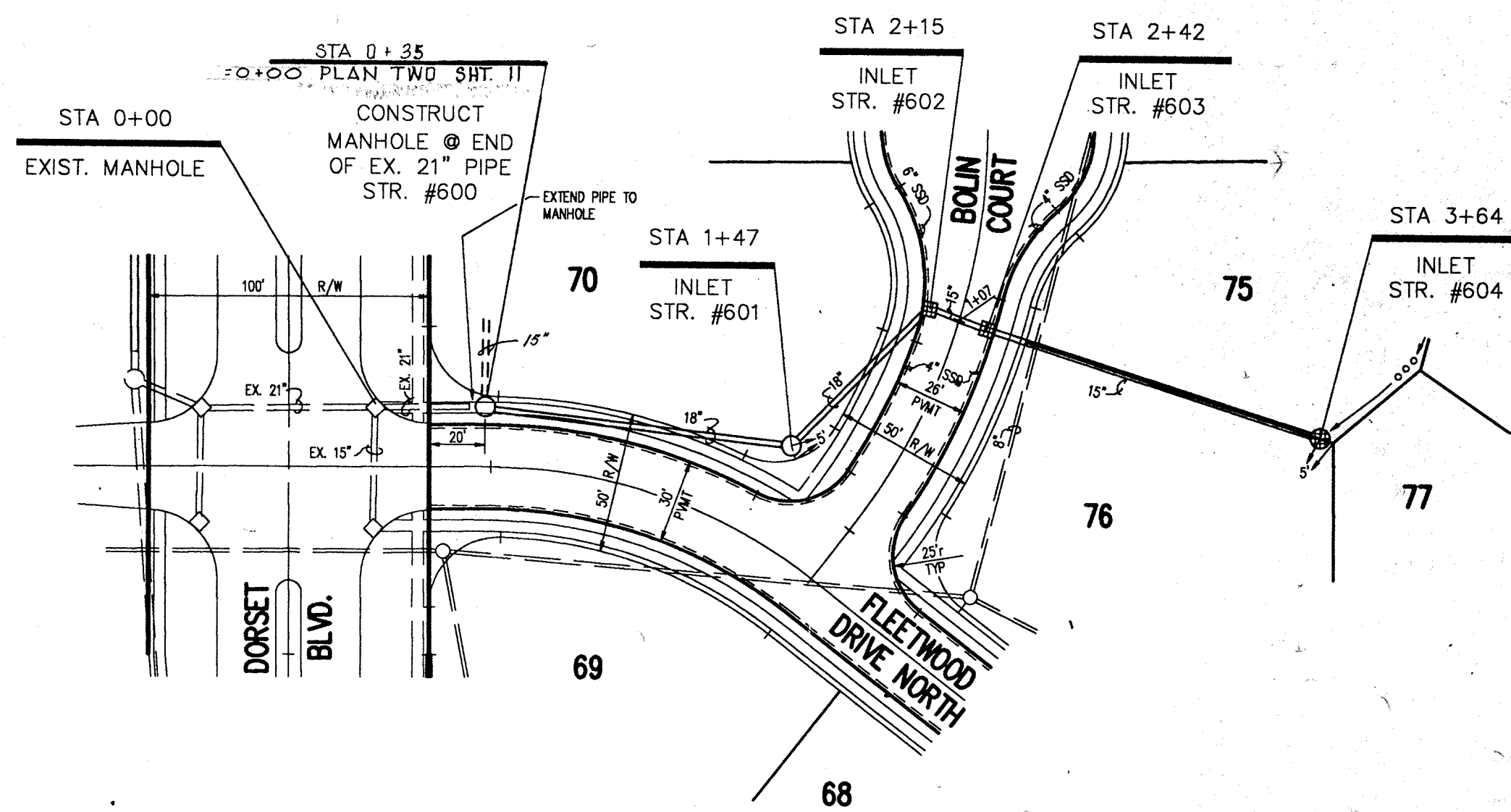
PROFILE THREE

NOTE:
CONTRACTOR SHALL VERIFY INVERT ELEV.
AND LOCATION OF EXISTING PIPE PRIOR
TO START OF CONSTRUCTION.

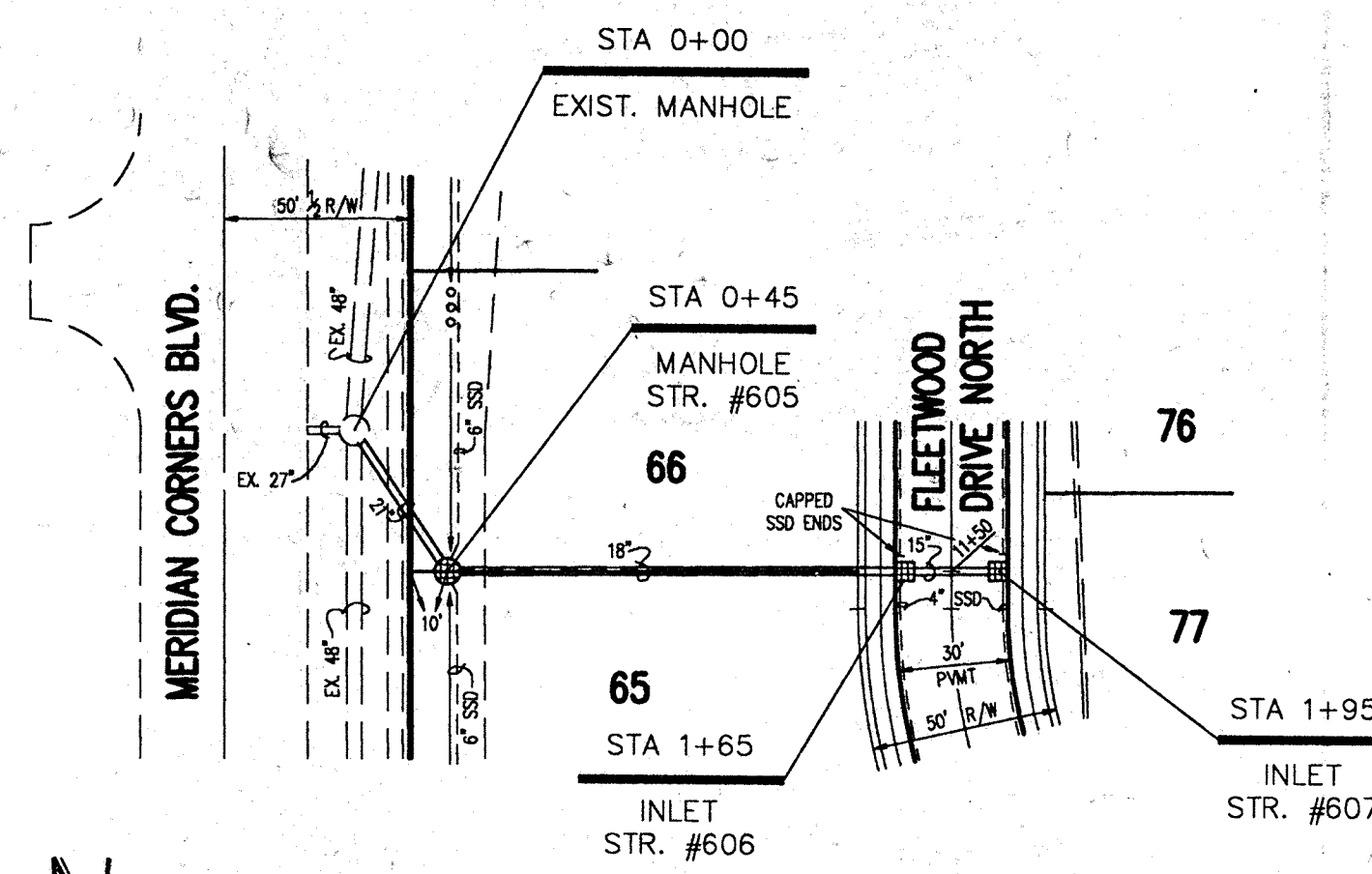
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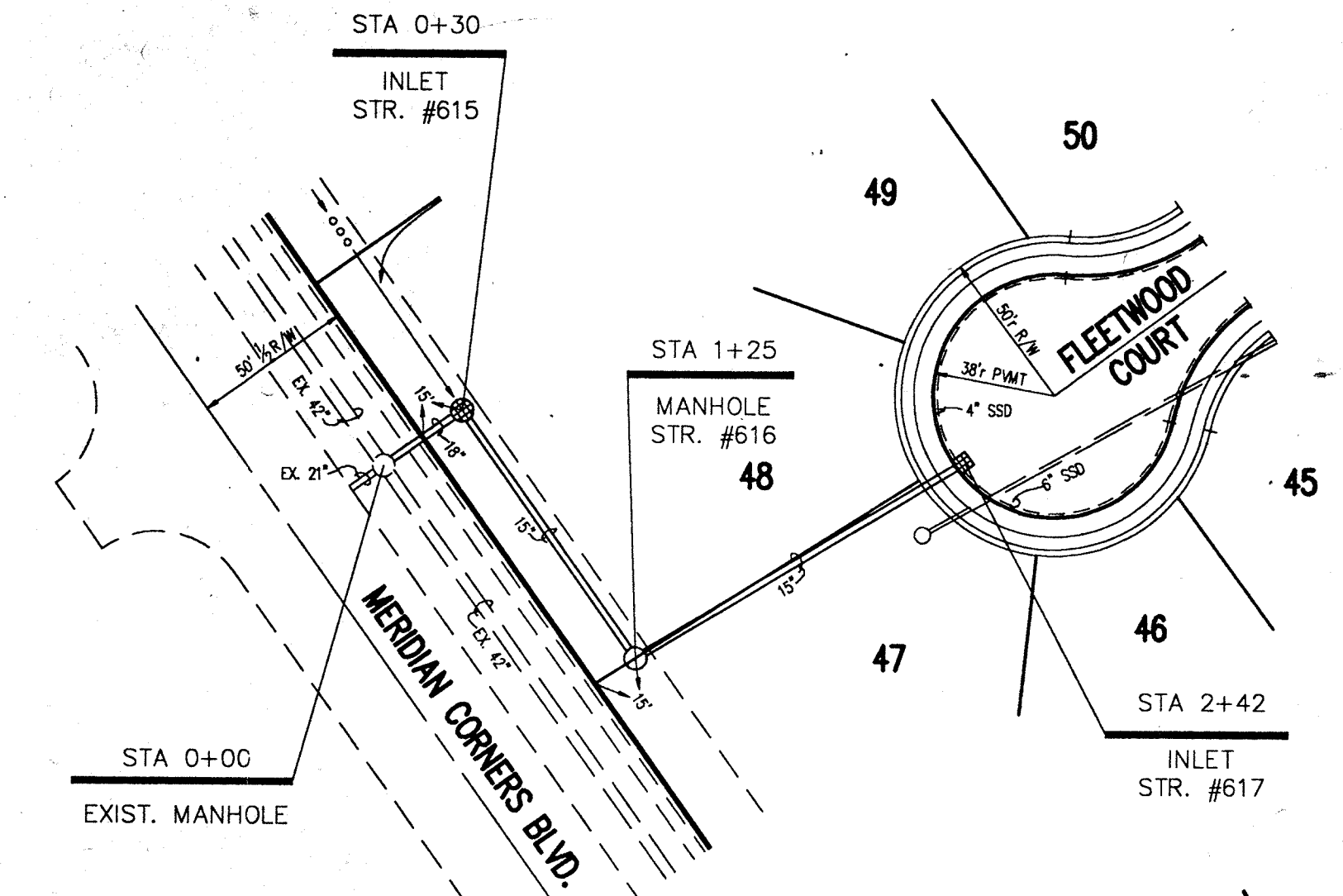
Entered by: JDH



PLAN ONE



PLAN TWO



PLAN THREE

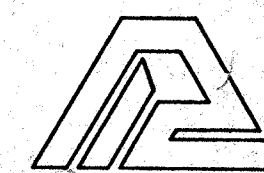
RECORD DRAWING
SEP 12 1990

WESTPARK AT SPRINGMILL - SEC. 2

FILE NAME: WP\79205F1.dwg



CERTIFIED BY:	3-12-90 REV PER DRAFT CHECK	REVISIONS
	4-26-90 REV STR# 600	
	5-3-90 REV PLAN AND PROFILE ONE	
	9-20-90 ADDED AS BUILT INFORMATION	
DATE		



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

- CIVIL ENGINEERING
- LAND SURVEYING
- ARCHITECTURE
- LAND PLANNING

TECH CHK: [Signature]
DRAWING TITLE: STORM SEWER - PLAN & PROFILE

DRAWN BY: [Signature]

SCALE: HORZ. 1"=50'
VERT. 1"=5'

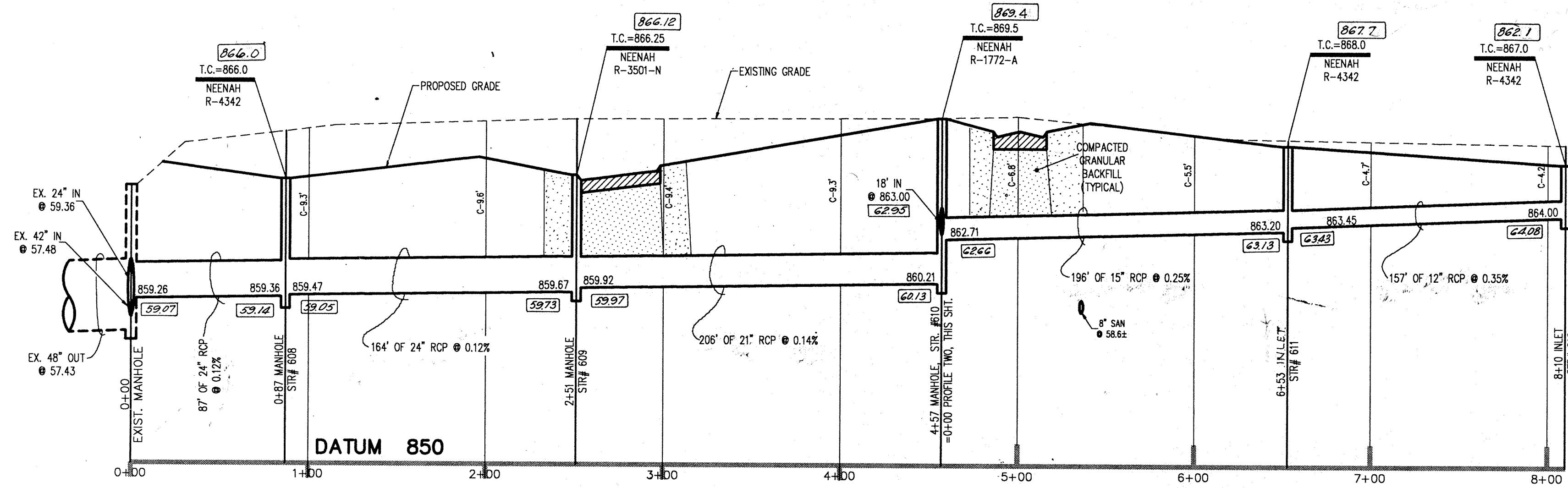
DATE: 12-29-89

CLIENT: BRENWICK DEVELOPMENT CO.

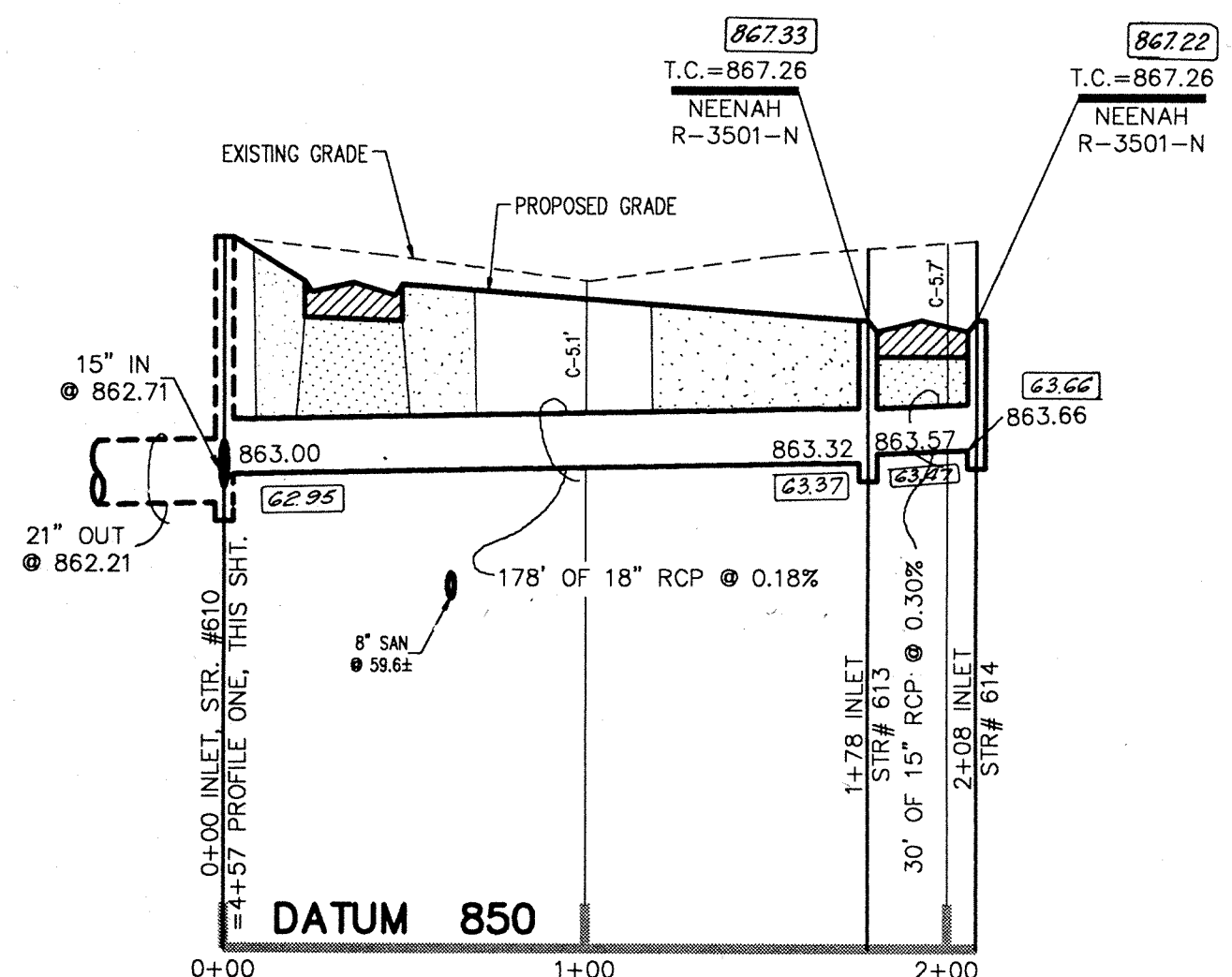
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JOB NUMBER		
79205-190200		OF 14

NOTE:
 1. CUTS SHOWN ARE APPROXIMATE, TAKEN FROM EXISTING GRADE TO INVERT OF PIPE.
 2. FIELD ADJUSTMENT BY ENGINEER MAY BE REQUIRED AT ALL OUTFALL POINTS TO INSURE PROPER OUTFALL CONDITIONS.

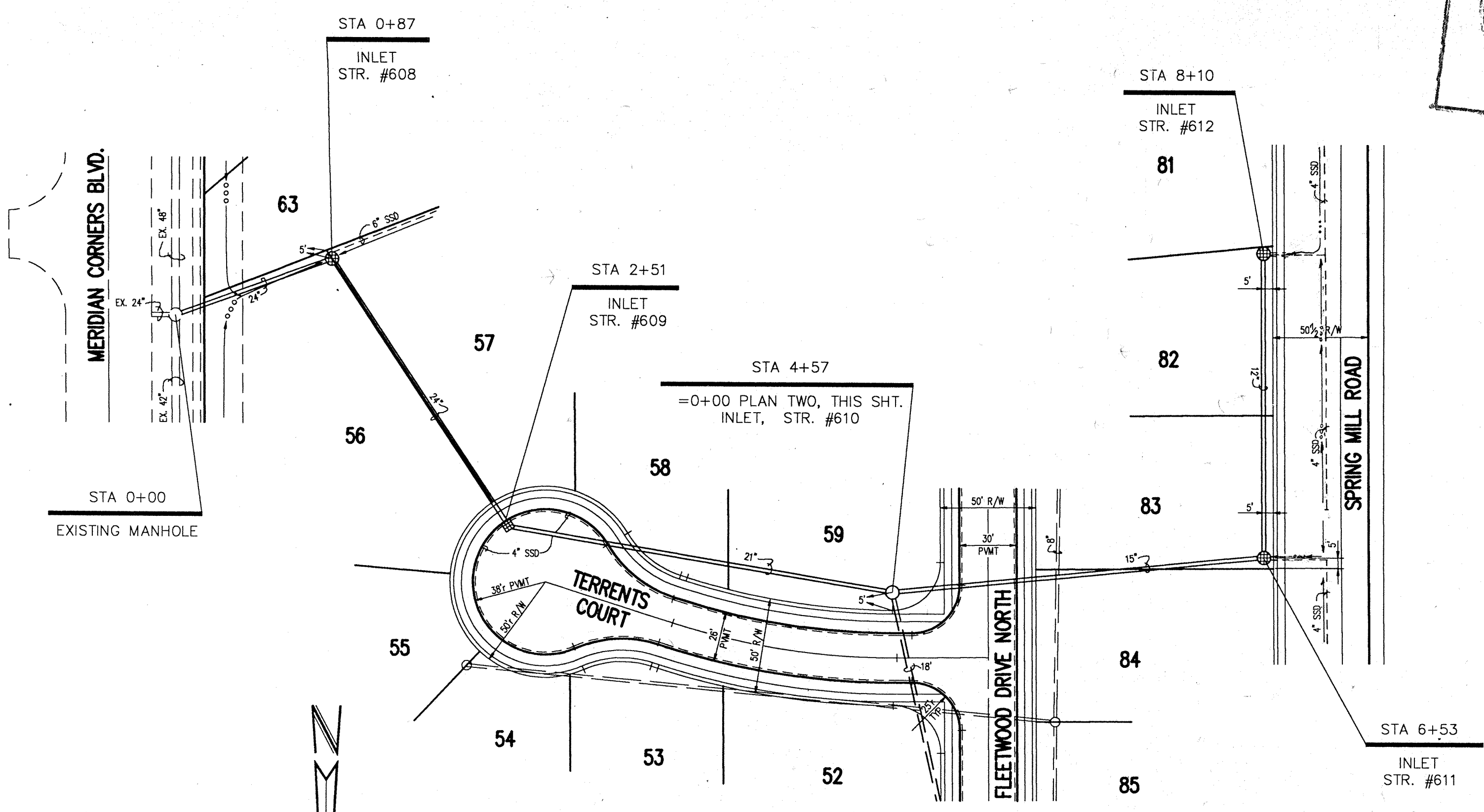
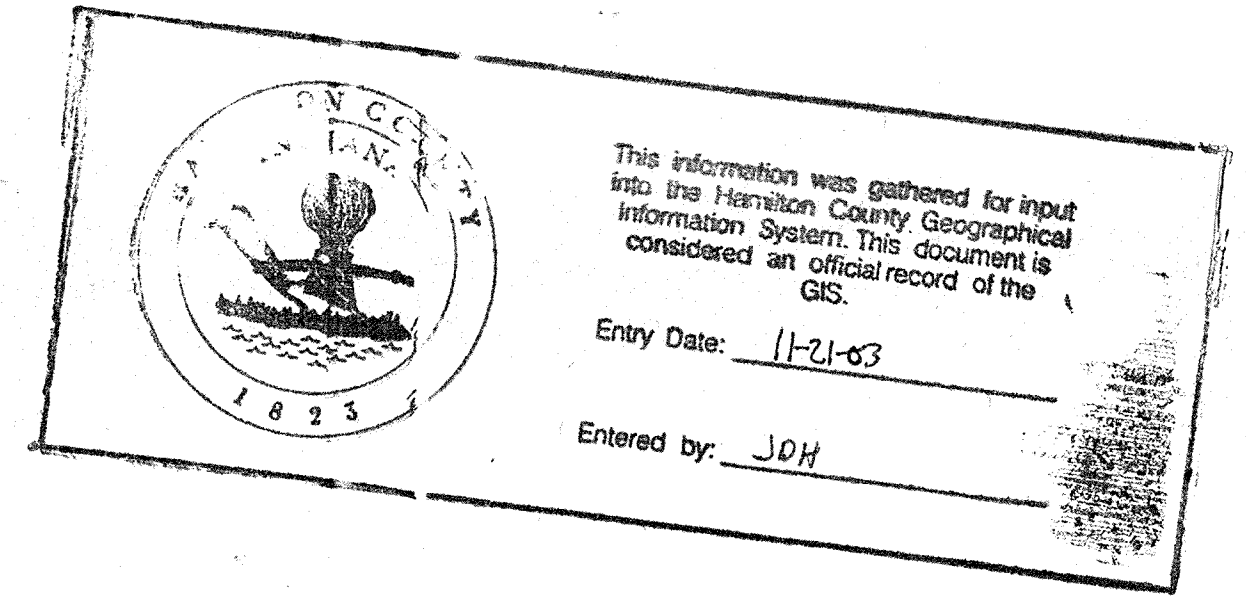
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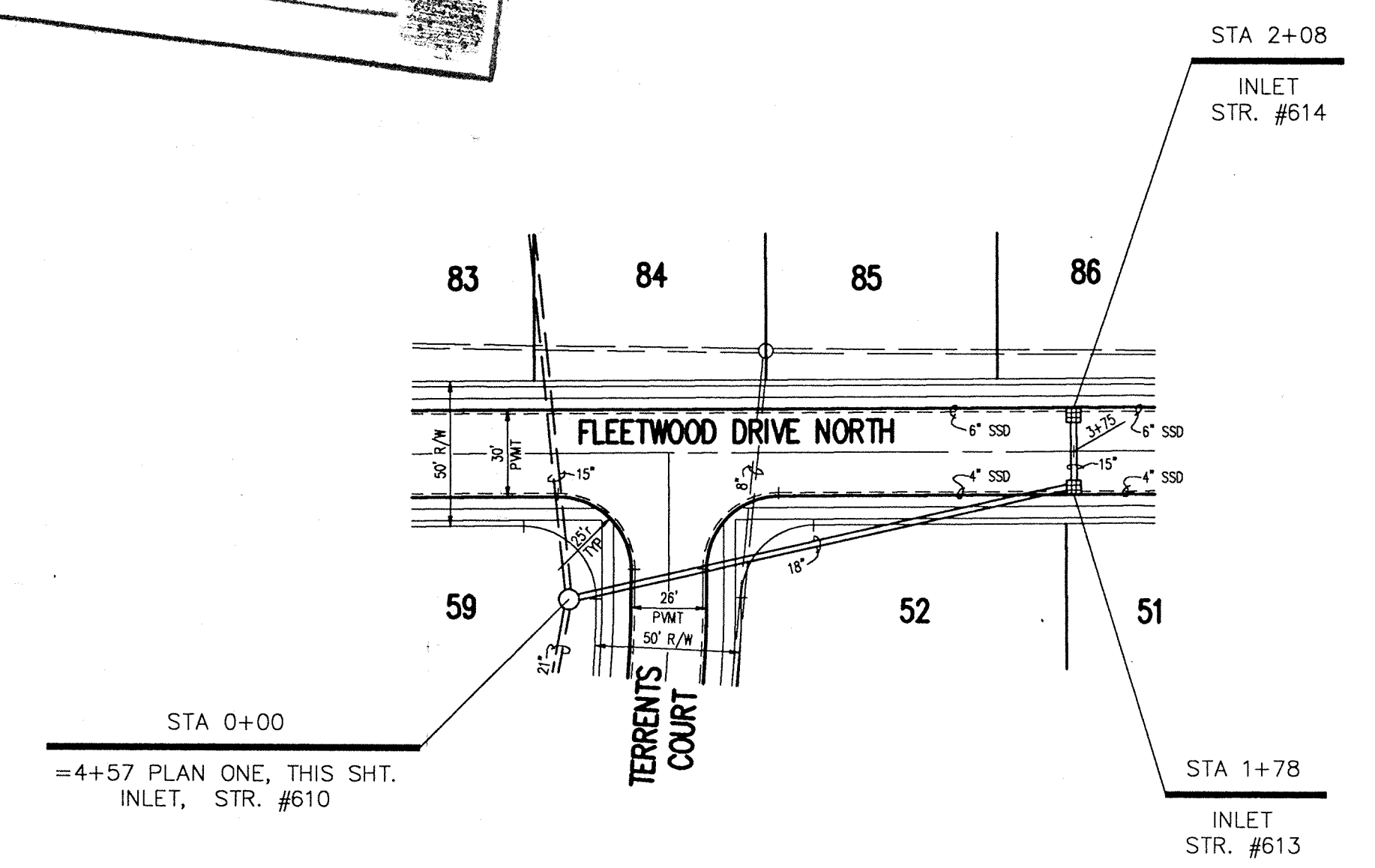
PROFILE ONE



PROFILE TWO



PLAN ONE

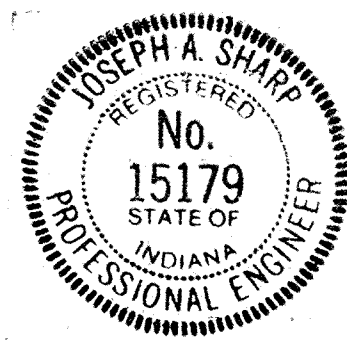


PLAN TWO

RECORD DRAWING
 SEP 12 1990

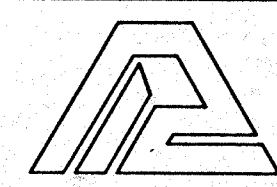
WETSPARK AT SPRINGMILL - SEC. 2

FILE NAME: WP79205F2.dwg



CERTIFIED BY:	1-31-90 REV. PER TAC COMMENTS
DATE:	2-12-90 REV. PER DRAFT CHECK
	4-26-90 REV. STR. #611, 612
	5-3-90 REV. PLAN ONE

REVISIONS	
1	8-20-90 ADDED AS BUILT INFORMATION



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

- CIVIL ENGINEERING
- LAND SURVEYING
- ARCHITECTURE
- LAND PLANNING

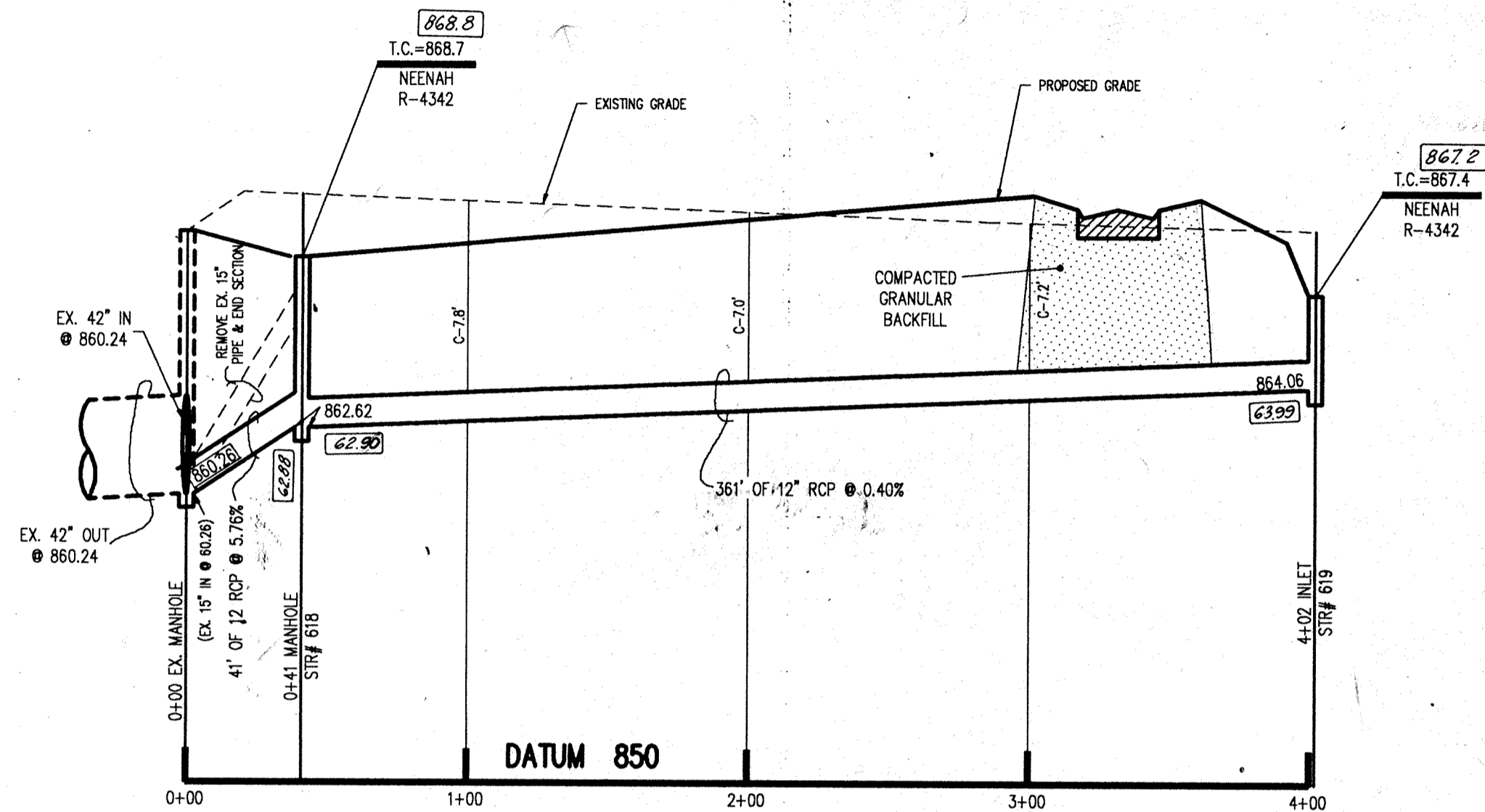
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 DRAWN BY: [Signature]
 DRAFTING CHK: [Signature]

SCALE: HORIZ. 1"=50'
 VERT. 1"=5'
 DATE: 12-29-89

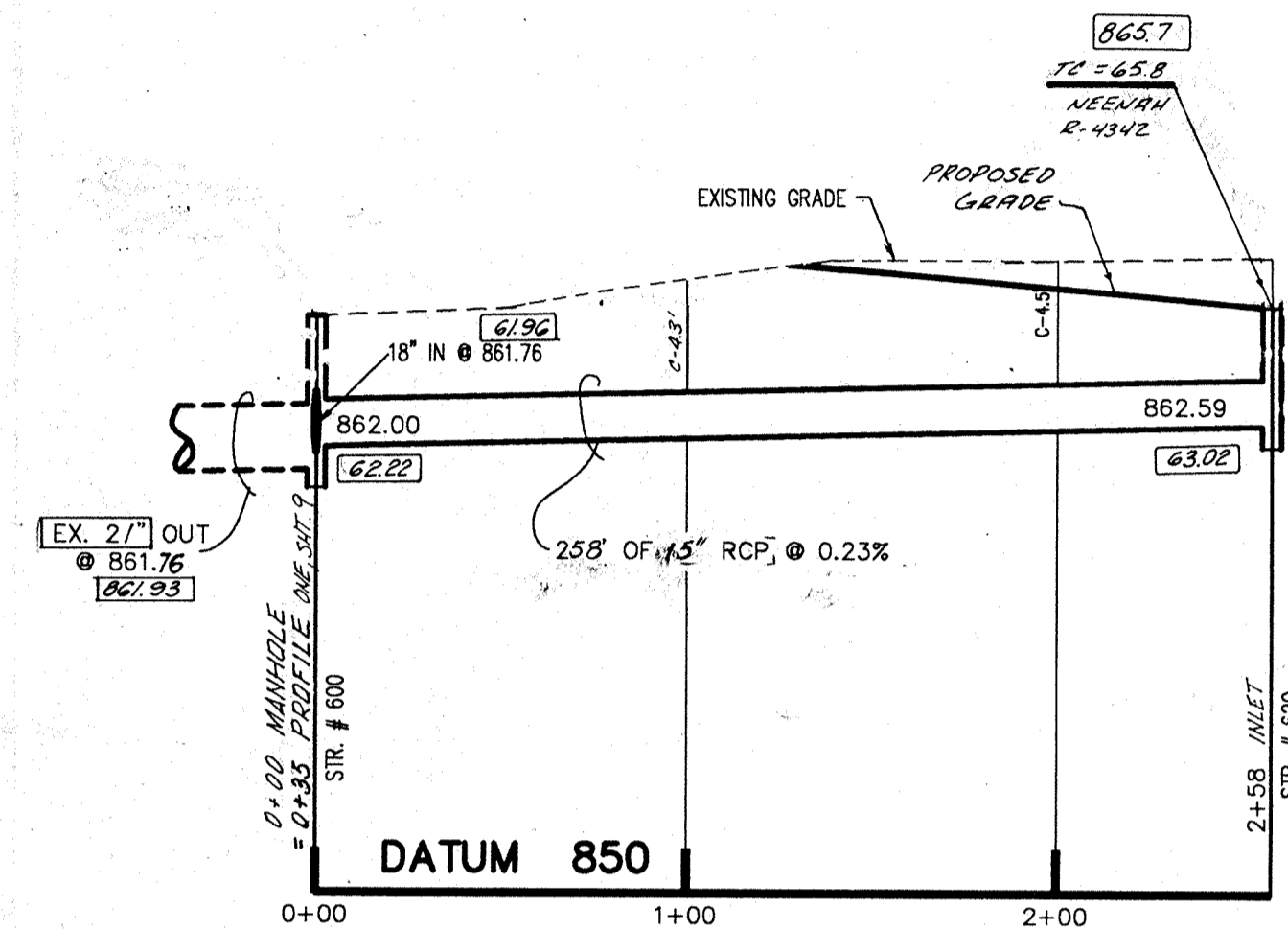
CLIENT: BRENWICK DEVELOPMENT CO.
 DRAWING TITLE: STORM SEWER - PLAN & PROFILE

DWG. TYPE	FILE NUMBER	SHEET: 10
JOB NUMBER		7 9 2 0 5 1 - 9 0 2 0 0
		OF 14

NOTE:
 1. CUTS SHOWN ARE APPROXIMATE, TAKEN FROM EXISTING GRADE TO INVERT OF PIPE.
 2. FIELD ADJUSTMENT BY ENGINEER MAY BE REQUIRED AT ALL OUTFALL POINTS TO INSURE PROPER OUTFALL CONDITIONS.
 0.00 INDICATES AS BUILT INFORMATION



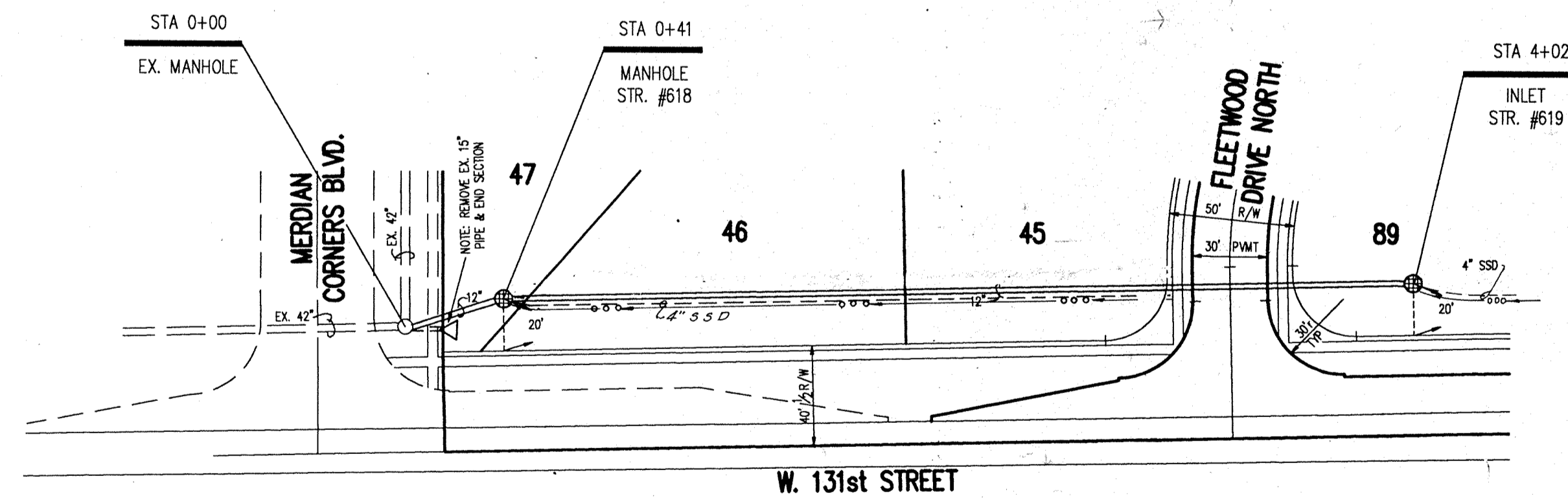
PROFILE ONE



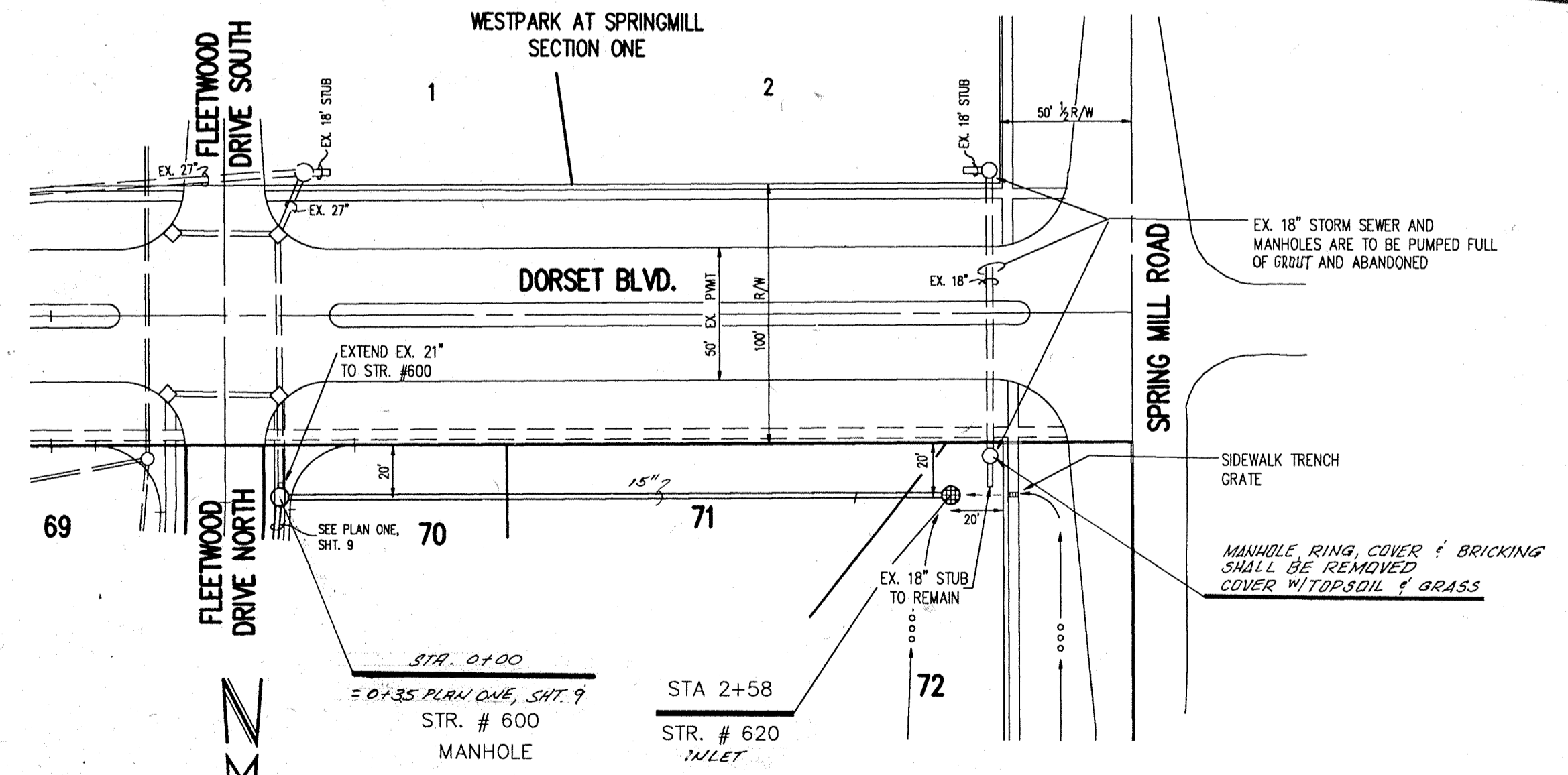
PROFILE TWO

NOTE:
 CONTRACTOR SHALL VERIFY INVERT ELEVATIONS AND LOCATIONS PRIOR TO START OF CONSTRUCTION.

ILTON COUNTY INDIANA
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 Entered by: JOH



PLAN ONE



PLAN TWO

RECORD DRAWING

SEP 12 1990

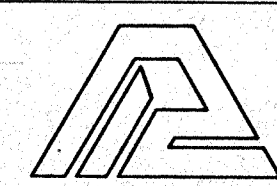
WESTPARK AT SPRINGMILL - SEC. 2

FILE NAME: WP17920513.dwg



CERTIFIED BY:	REVISIONS
DATE	1-31-90 REV FOR TAC COMMENTS
	2-12-90 REV PER DRAFT CHECK
	4-28-90 REV. STORM, P & P ONE AND TWO
	5/3/90 REV THE BLD COMMENTS

8-21-90	ADDED AS BUILT INFORMATION



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

- CIVIL ENGINEERING
- LAND SURVEYING
- ARCHITECTURE
- LAND PLANNING

TECH CHK:
 DRAWN BY:
 DRFTNG. CHK:

SCALE: HORIZ. 1"=50' VERT. 1"=5'
 DATE: 12-29-89
 CLIENT: BRENWICK DEVELOPMENT CO.

DRAWING TITLE: **STORM SEWER - PLAN & PROFILE**

DWG. TYPE	FILE NUMBER	SHEET: 11
JOB NUMBER		
792015-902010		OF 14