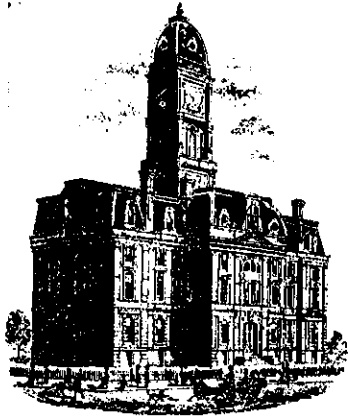


Drain: JR. COLLINS #1 **Drain #:** 88
Improvement/Arm: WESTPARK AT SPRINGMILL - SECTION 1
Operator: JDH **Date:** 11-2003
Drain Classification: Urban/Rural **Year Installed:** 1989

GIS Drain Input Checklist

- Pull Source Documents for Scanning JPA 11-20
- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains JPA 11-20
- Digitize & Attribute SSD JPA 11-21
- Digitize & Attribute Open Ditch JPA 11-20
- Stamp Plans JPA 11-20
- 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

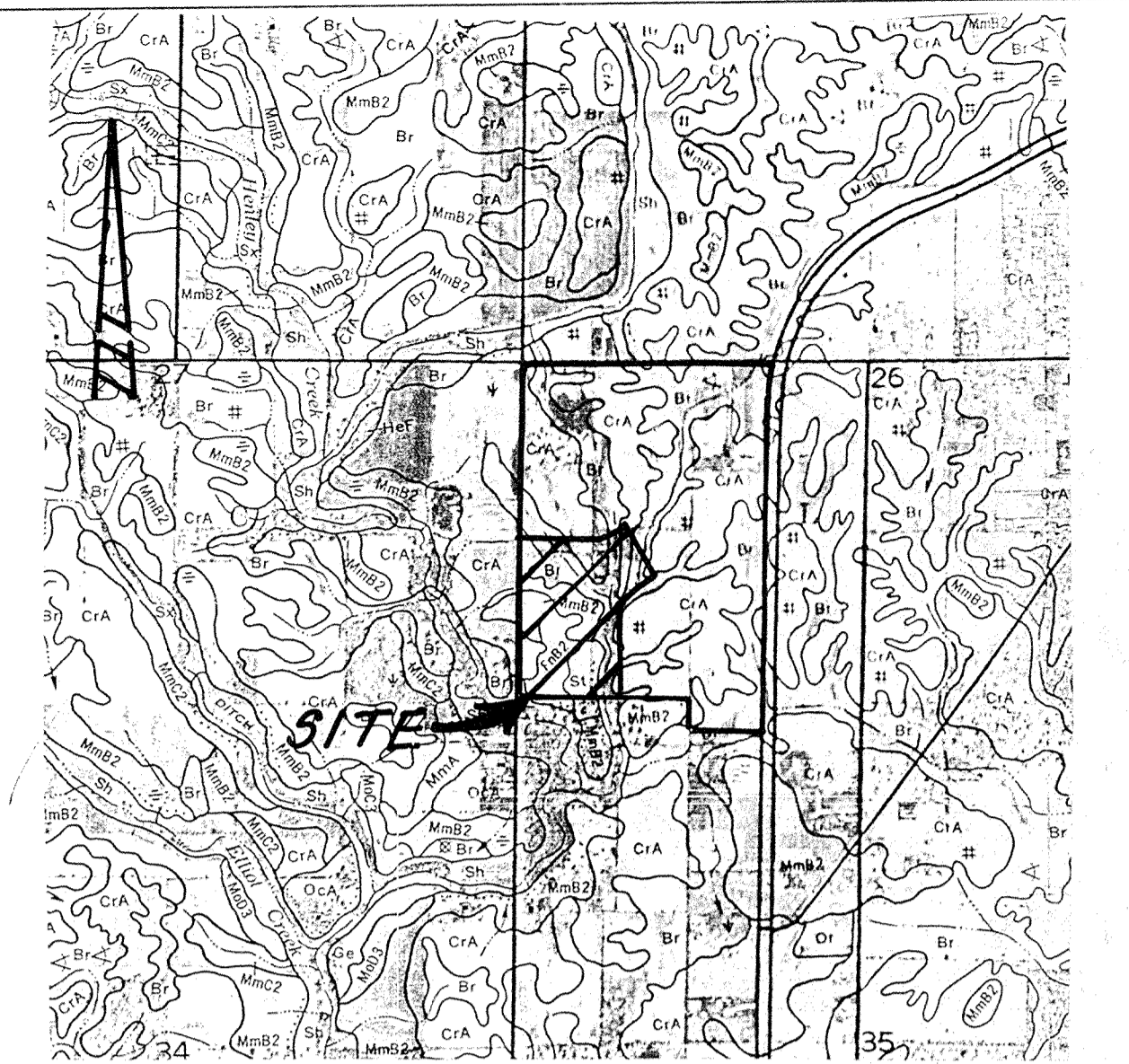
has been classified as an Urban Drain prior to this time. Therefore, I recommend the Board establish the easement for the drain at twenty-five (25') feet from the Top of Bank on both sides throughout this additional length through Williams Creek Farms. The Board should approve by approval of this report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

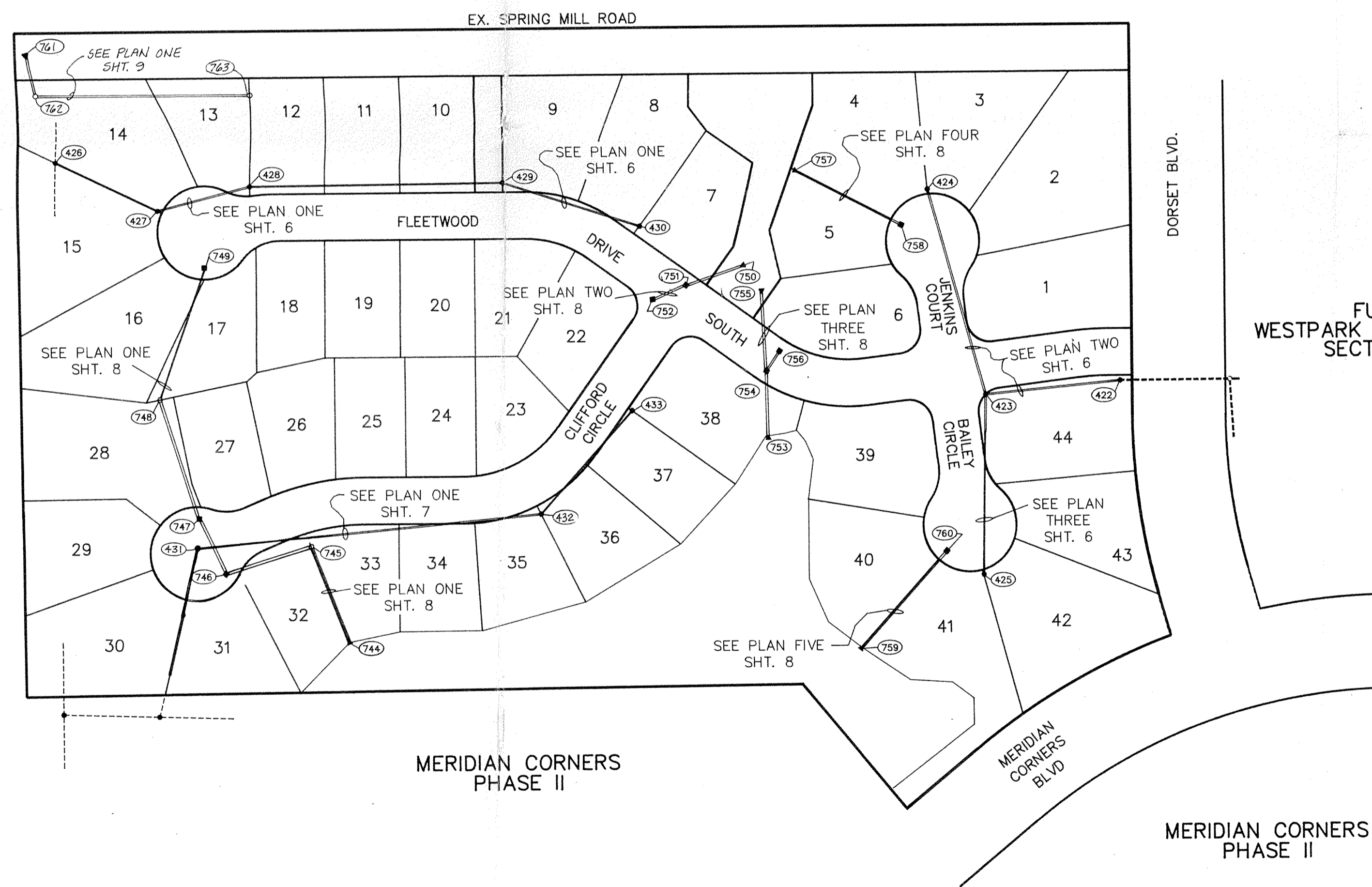
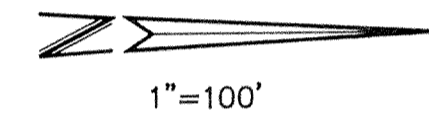


Kenton C. Ward
Hamilton County Surveyor

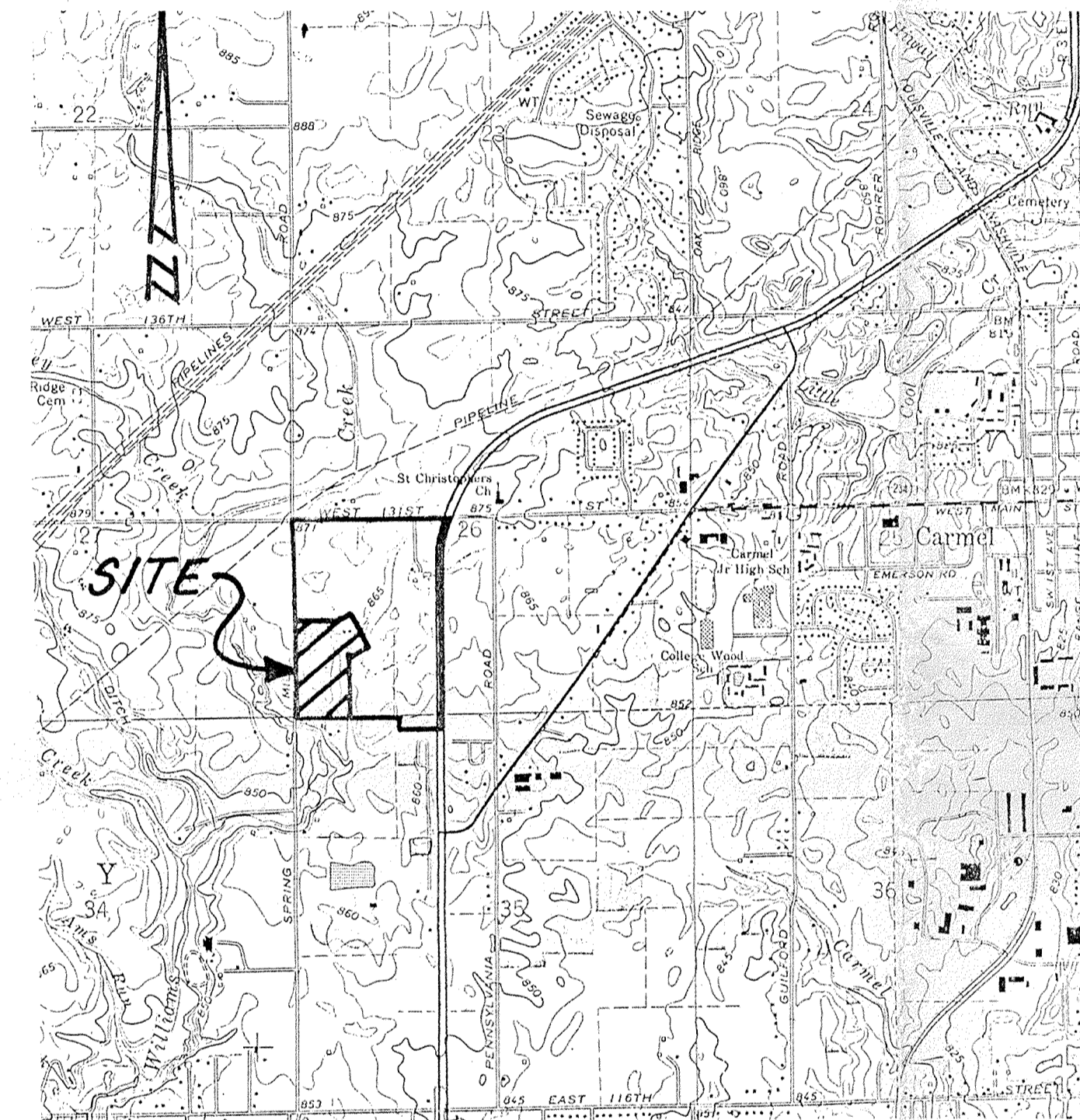
CONSTRUCTION PLANS FOR WESTPARK AT SPRINGMILL SECTION ONE



SOILS MAP
 BROOKSTON Br
 MIAMI MmB2
 FOX LOAM FmB2
 CROSBY CrA SLEETH Sr



SITE PLAN
 SEE PLAN ONE, SHT. 4 FOR CLIFFORD CIRCLE
 SEE PLAN ONE, SHT. 3 FOR FLEETWOOD DRIVE SOUTH
 SEE DETAIL ONE, SHT. 5 FOR JENKINS CT. & BAILEY CIR.



LOCATION MAP



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: 11-20-03

Entered by: JOH

SITE WORK GENERAL NOTES AND SPECIFICATIONS

NOTICES AND PERMITS

- A. 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.
- B. 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.
- C. IT SHALL BE THE CONTRACTORS RESPONSIBILITY FOR NOTIFICATION AND COORDINATION OF ALL CONSTRUCTION WITH RESPECTIVE UTILITY COMPANIES.
- D. 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.
- E. 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.

INDEX

SHT	DESCRIPTION
1	COVER SHEET
2	SITE DEVELOPMENT PLAN
3	STREET PLAN & PROFILE
4	STREET PLAN, PROFILE & DETAILS
5	STREET DETAILS
6	SANITARY PLAN & PROFILE
7	SANITARY PLAN & PROFILE
8	STORM PLAN & PROFILE
9	STORM SEWER PLAN & PROFILE
10	EROSION CONTROL PLAN
11	STANDARD DETAILS
12	STANDARD SPECIFICATIONS
13	GRADING DETAIL

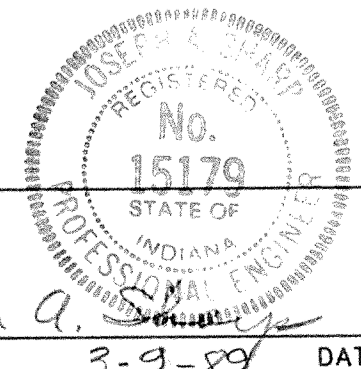
BENCHMARKS

LARGE-HINGE NAIL, 6" UP WEST SIDE OF POWER POLE # 838-6186. POLE IS ON EAST SIDE OF SPRING MILL ROAD, 1257'± SOUTH OF 131 ST.
 ELEV. = 868.20

REVISIONS

3/14/89 SHT. #10
 3/21/89 SHT. #1 & 3
 3/30/89 REV. SHT. 1 & 2, ADD SHT. TO SET (#3) REV. 10-12
 7/8/89 REV. SHTS. 2, 4, 7, ADD SHT. 13 - GRD. REVISIONS
FILED
 DEC 20 89
 OFFICE OF HAMILTON COUNTY SURVEYOR

RECORD DRAWING



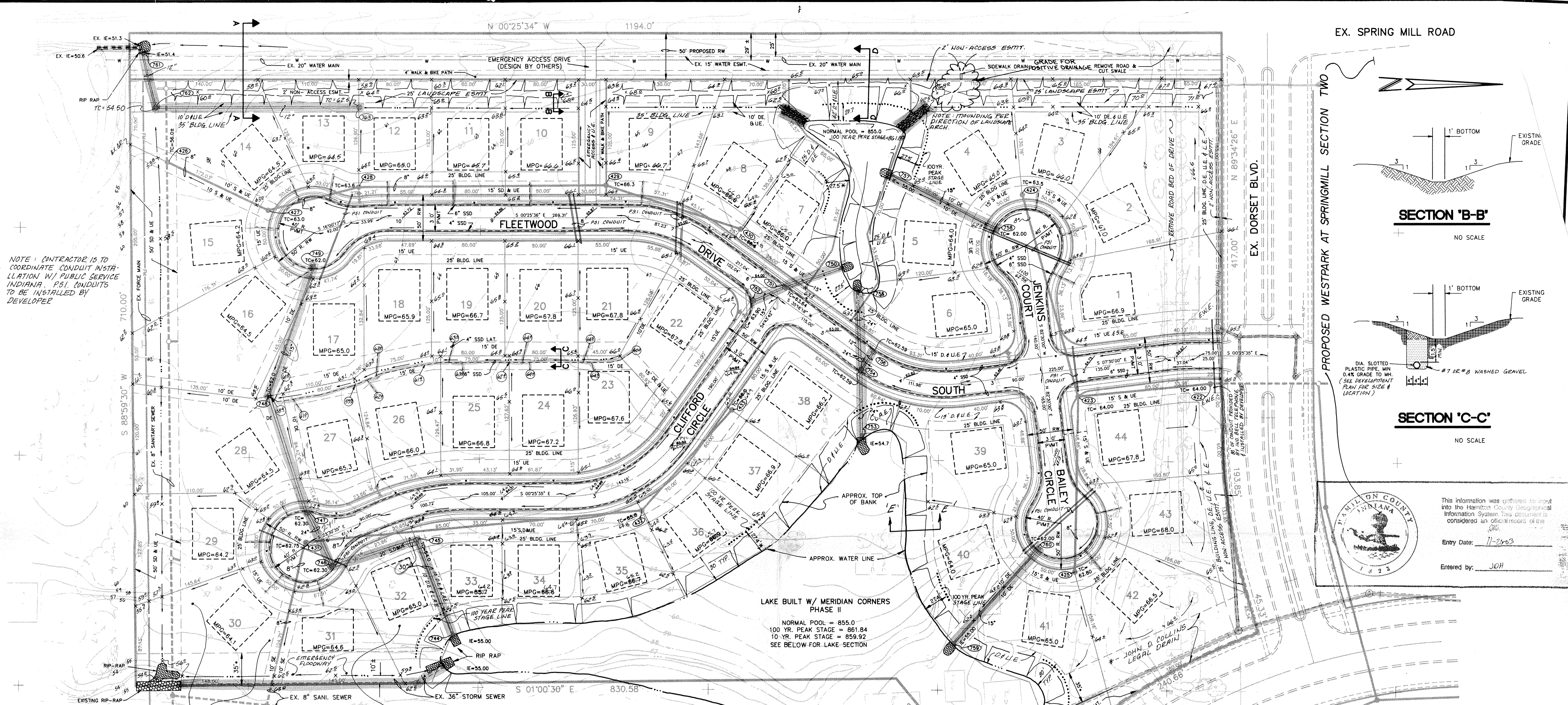
CERTIFIED BY: Joseph A. S.
 DATE: 3-9-89

REVISIONS	DATE	BY
3-21-89 ADD SOILS MAP		GD
3-30-89 ADD STORM TO PLAN / REV. INDEX		GD

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

TECH. CHK:	DRAWN BY: GD	SCALE: As Noted	DATE: 2-20-89	CLIENT: BRENNICK DEVELOPMENT CO.
DRFTNG. CHK:	DRAWING TITLE: COVER SHEET			

DWG. TYPE	FILE NUMBER	SHEET: 1
JOB NUMBER		OF 13
79205-190100		

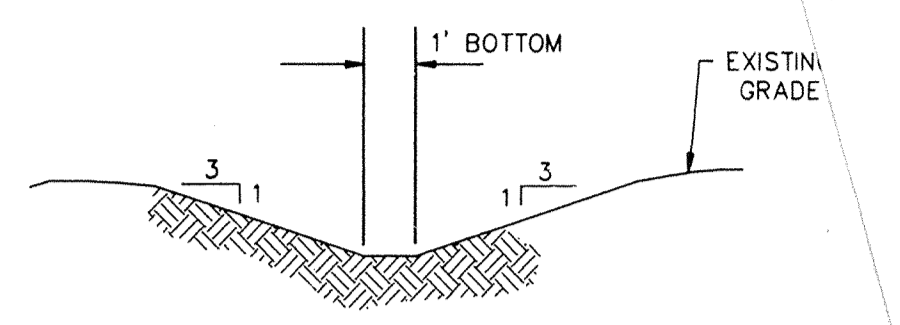


NOTE: CONTRACTOR IS TO COORDINATE CONDUIT INSTALLATION W/ PUBLIC SERVICE INDIANA. P.S.I. CONDUITS TO BE INSTALLED BY DEVELOPER

NOTE: AREA HAS FILL FROM MERIDIAN CORNERS - PHASE II CONSTRUCTION.

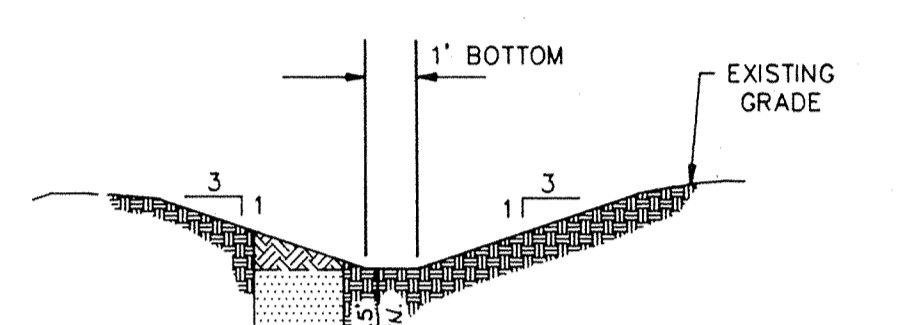
EX. SPRING MILL ROAD

PROPOSED WESTPARK AT SPRINGMILL SECTION TWO



SECTION 'B-B'

NO SCALE



SECTION 'C-C'

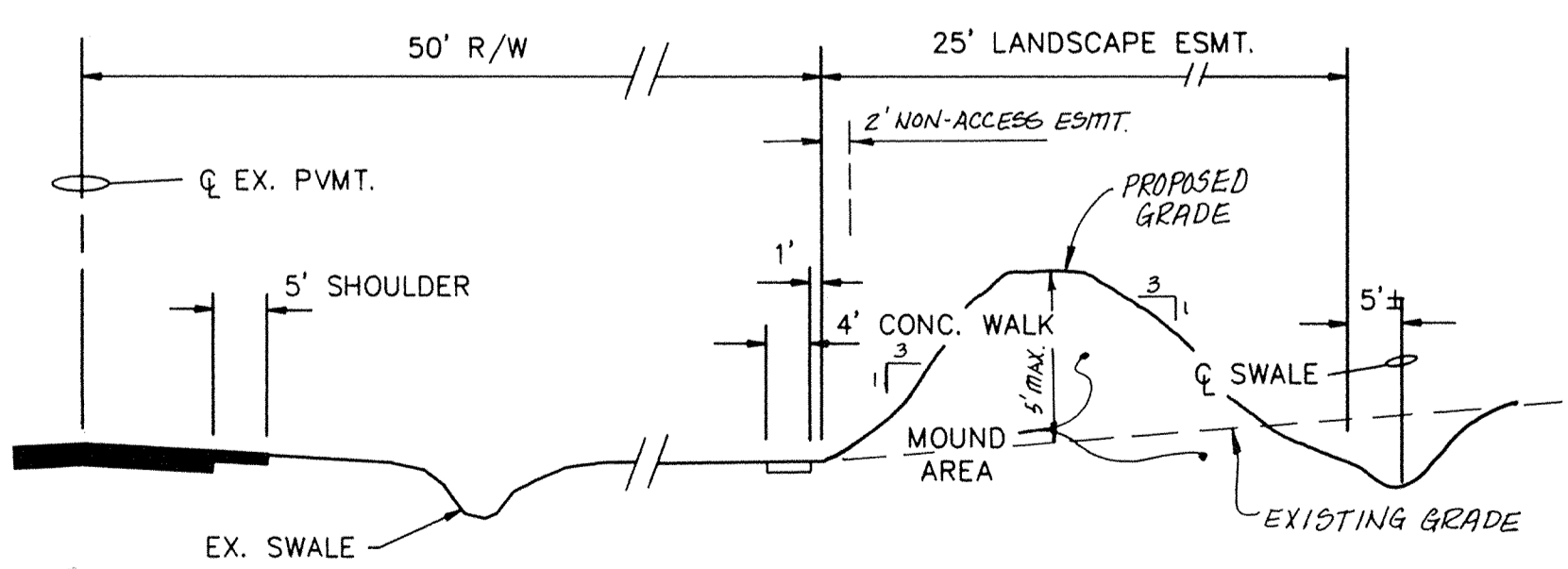
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 Entered by: JOH

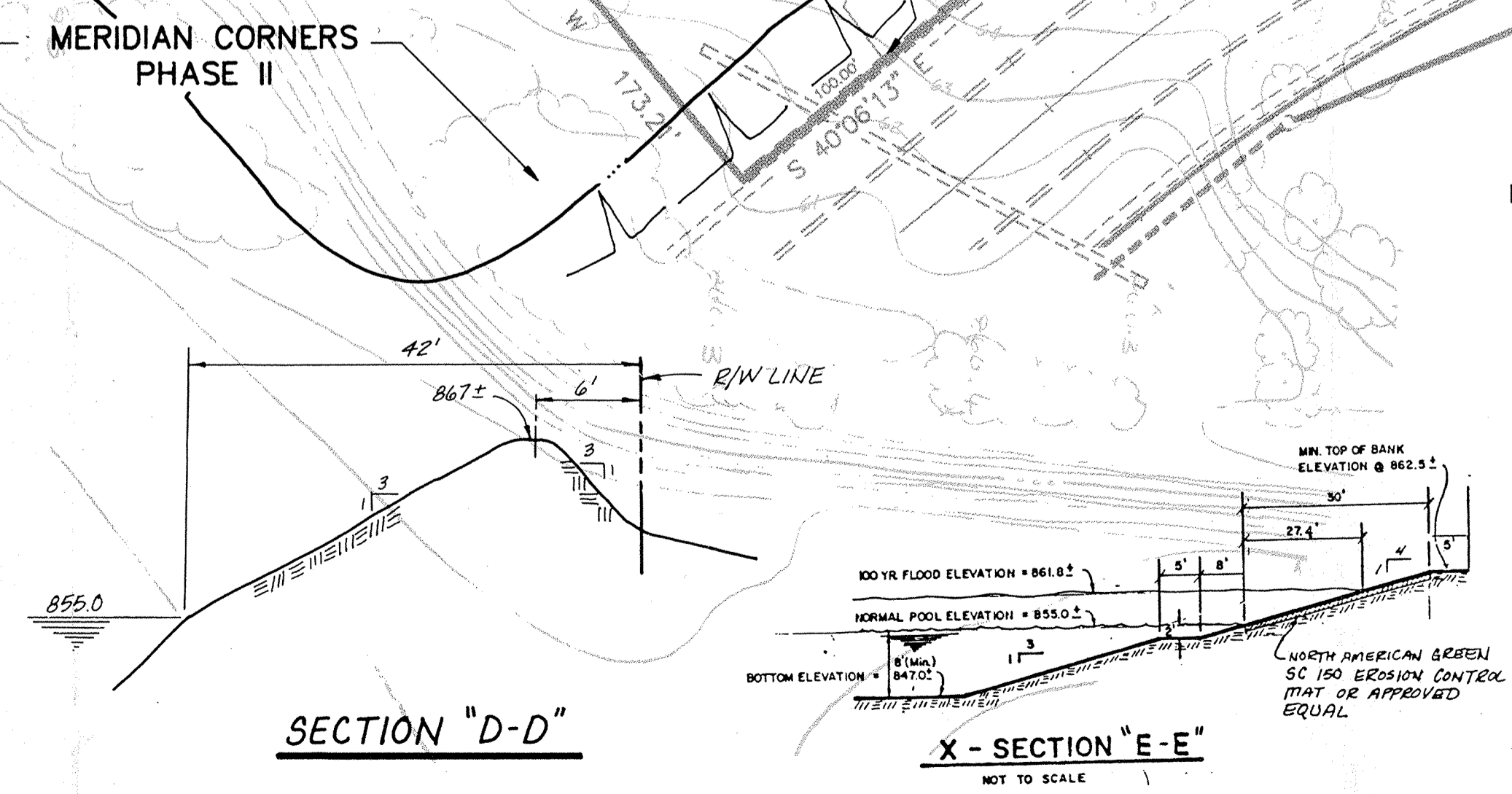
LEGEND

- RIP-RAP
- STD. STL. END SEC. BACK OF CURB
- CURB INLET
- MANHOLE OR INLET W/ DITCH GRATE CSTG.
- MANHOLE
- TYP. STR. #
- 4" CONTIN. SSD
- 4" SSD LATERAL
- FIRE HYDRANT W/ VALVE
- BLOW-OFF VALVE
- TYPICAL BUILDING PAD
- 100 YEAR STAGE LINE



SECTION 'A-A'

NO SCALE



SECTION "D-D"

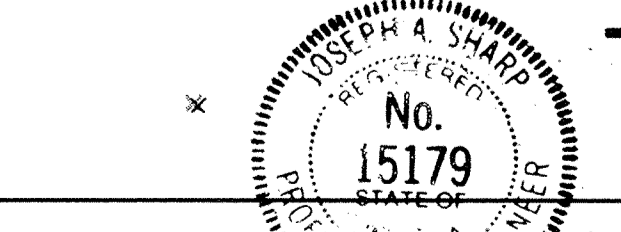
X - SECTION "E-E"

NOT TO SCALE

- NOTES:
- BEARINGS, DIMENSIONS, AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY AND DO NOT NECESSARILY DEPICT ACTUAL RECORDED INFORMATION. SEE RECORDED PLAT FOR EXACT INFORMATION.
 - 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 PLAN, SSD IS TO BE:
- 6" PERFORATED PVC MAIN LINE SERVING 2 OR MORE LOTS OR ALONG SWALE OR CUTS
- 4" NON-PERFORATED PVC LATERAL TO EACH LOT
 - ELEVATIONS SHOWN AT CENTERLINE OF STREET ARE TOP OF CURB ELEV.S AT THAT RESPECTIVE STATION.
 - WATER MAINS ARE SHOWN FOR REFERENCE ONLY. TO BE DESIGNED AND INSTALLED BY INDPLS. WATER CO.
 - NO WATER SHALL BE PERMITTED TO FLOW INTO THE SANITARY SEWER PIPE WHILE UNDER CONSTRUCTION.
 - MOUNDING IN LANDSCAPE EASEMENT WILL BE DIRECTED BY THE LANDSCAPE ARCHITECT. PROPOSED SPOT ELEVATIONS SHOWN AT THE MOUNDS ARE FOR ESTIMATE PURPOSES ONLY.

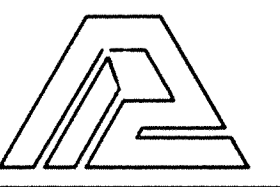
WESTPARK AT SPRINGMILL - SEC. 1

FILED
 DEC 20, 89
 OFFICE OF HAMILTON COUNTY SURVEYOR



REVISIONS

3-30-89	ADD STORM 761 TO 763, ADD MOUNDINGS/MISC.	CCP
4-6-89	ADD 100 YR PE STAGE & CONDUITS	CCP
4-24-89	REV. BLDG. LINE ON WEST/ADD MISC. ESMTS.	CCP
7-8-89	REV. STREETS & PAD GRIDS.	CCP



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

- CIVIL ENGINEERING
- LAND SURVEYING
- ARCHITECTURE
- LAND PLANNING

TECH. CHK:
 DRFTNG. CHK:

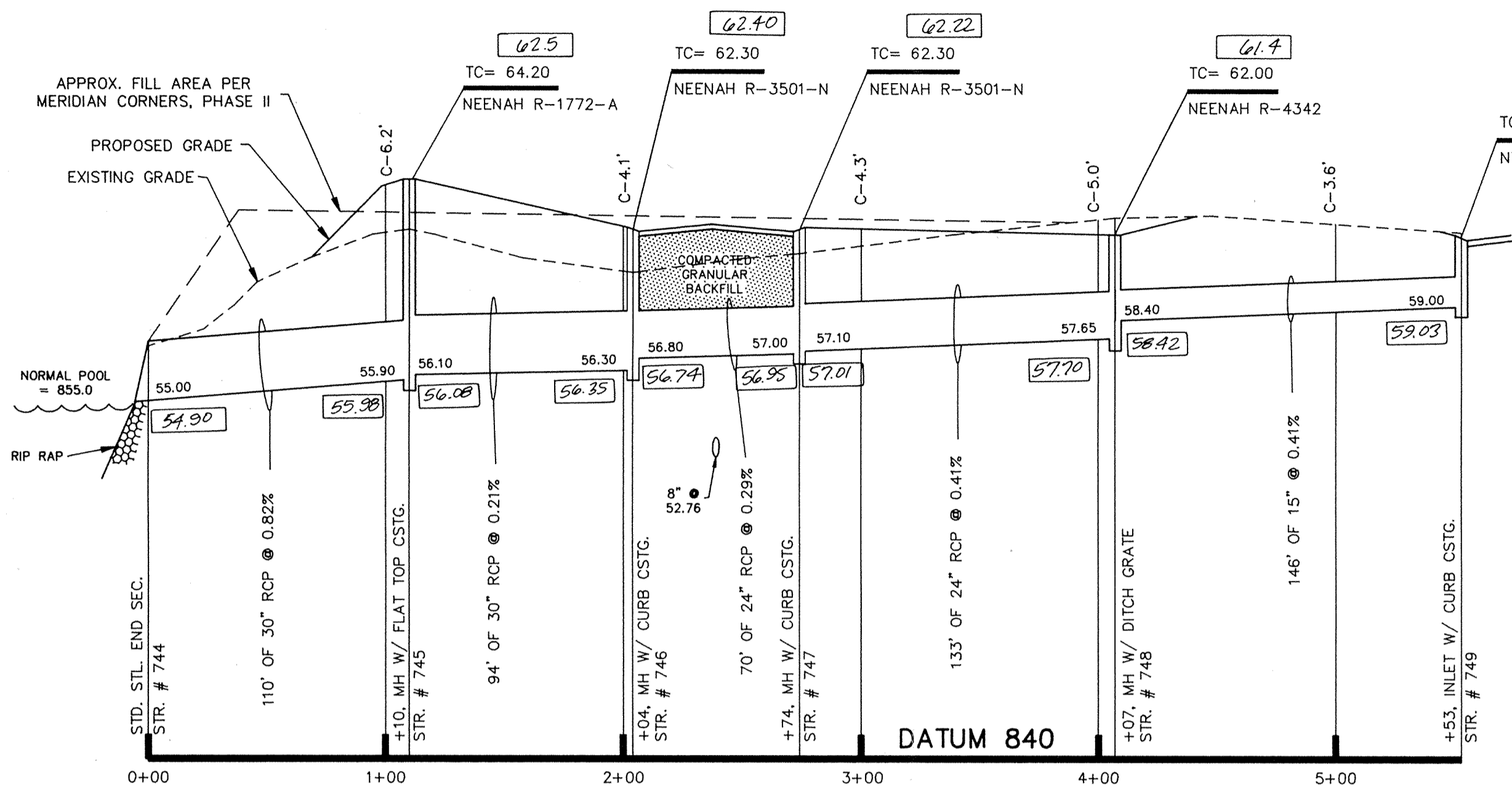
DRAWN BY: GSD
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SCALE: 1"=50'
 DATE: 2-20-89
 CLIENT: BRENWICK DEVELOPMENT CO.

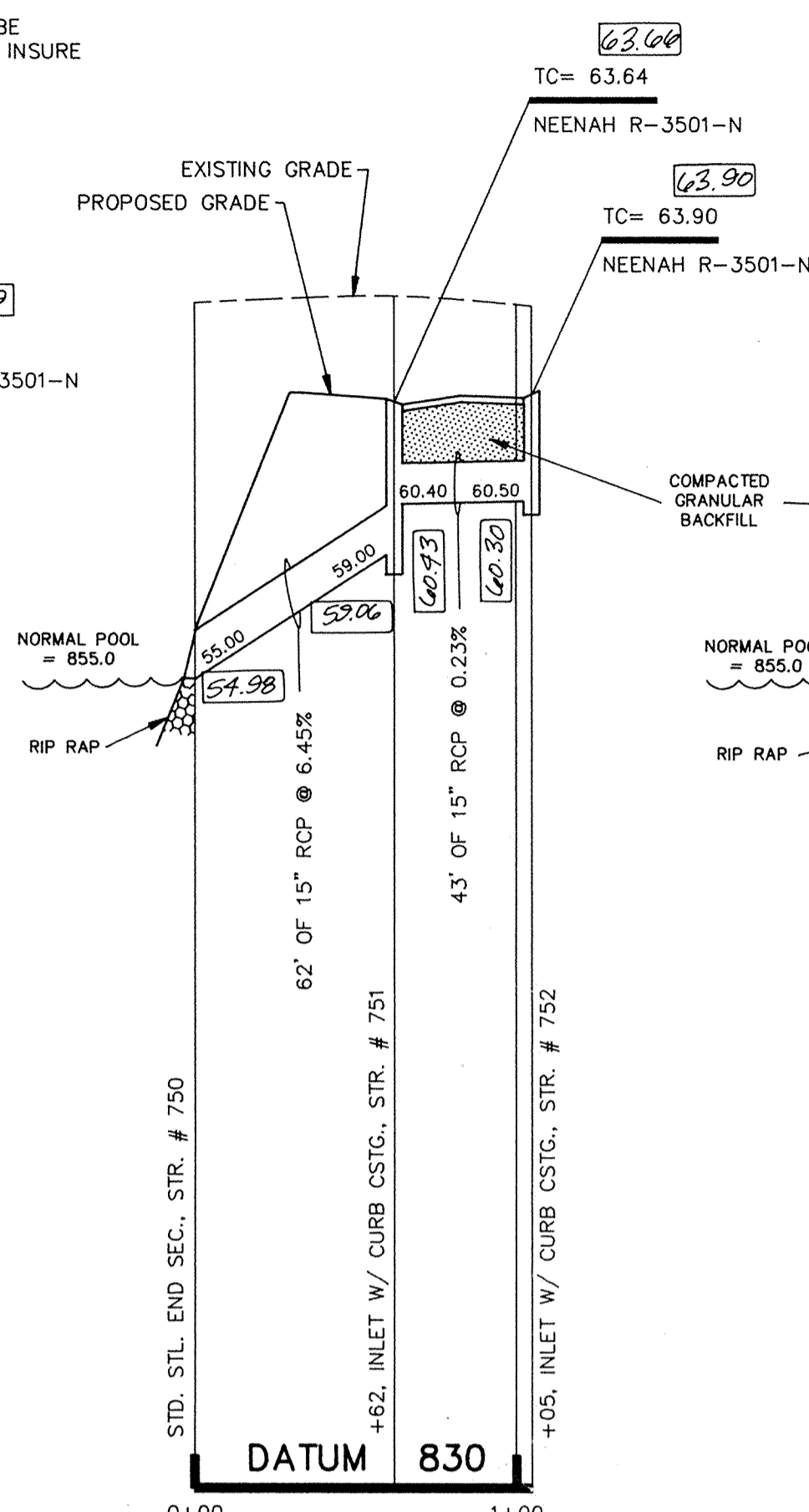
SITE DEVELOPMENT PLAN

DWG. TYPE	FILE NUMBER	SHEET:
		2
JOB NUMBER		OF 13
792105-901100		

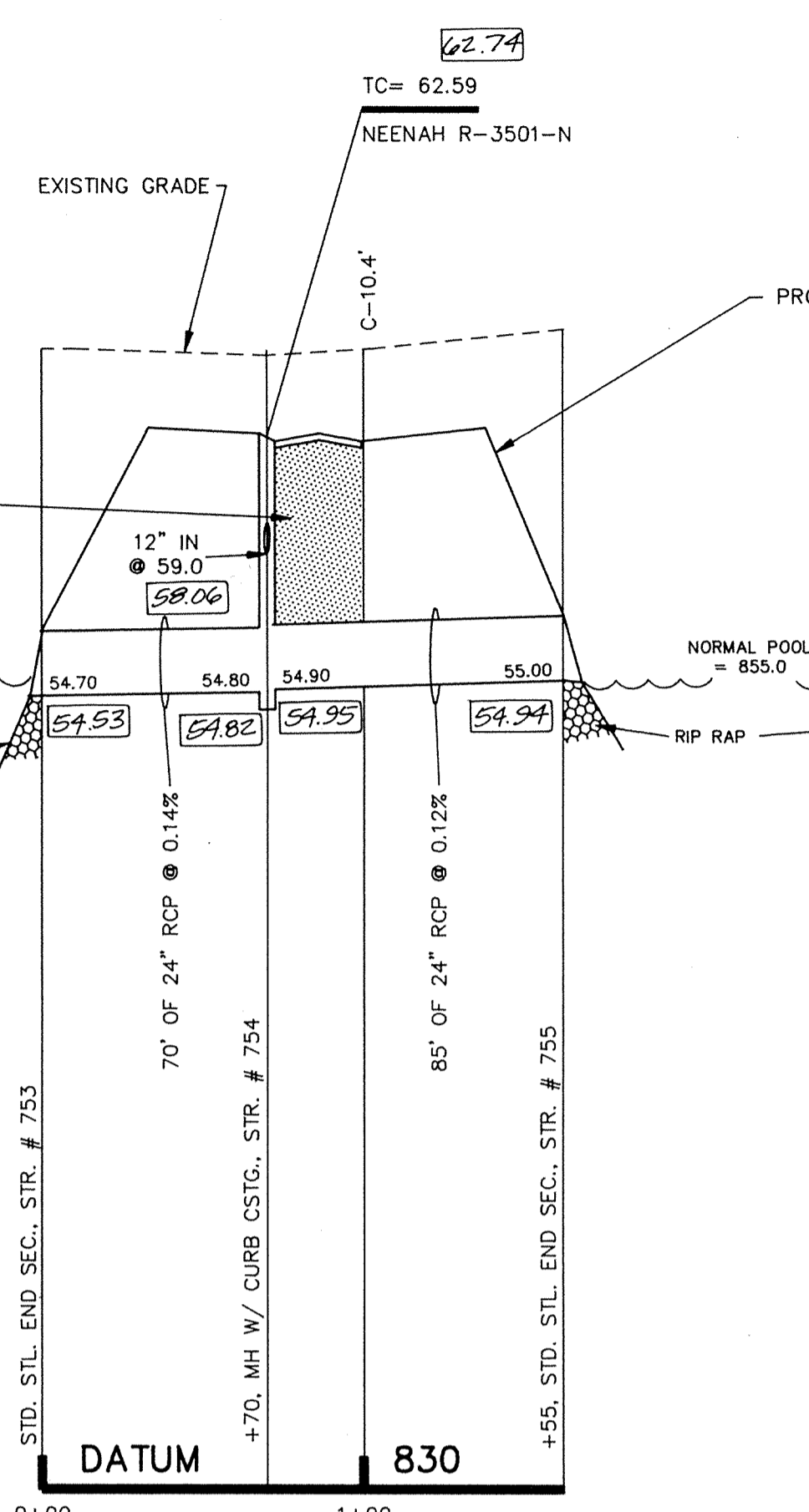
NOTE:
 1. CUTS SHOWN ARE APPROXIMATE, TAKEN FROM EXISTING GRADE TO INVERT OF PIPE.
 2. FIELD ADJUSTMENT BY ENGINEER MAY BE REQUIRED AT ALL OUTFALL POINTS TO INSURE PROPER OUTFALL CONDITIONS.



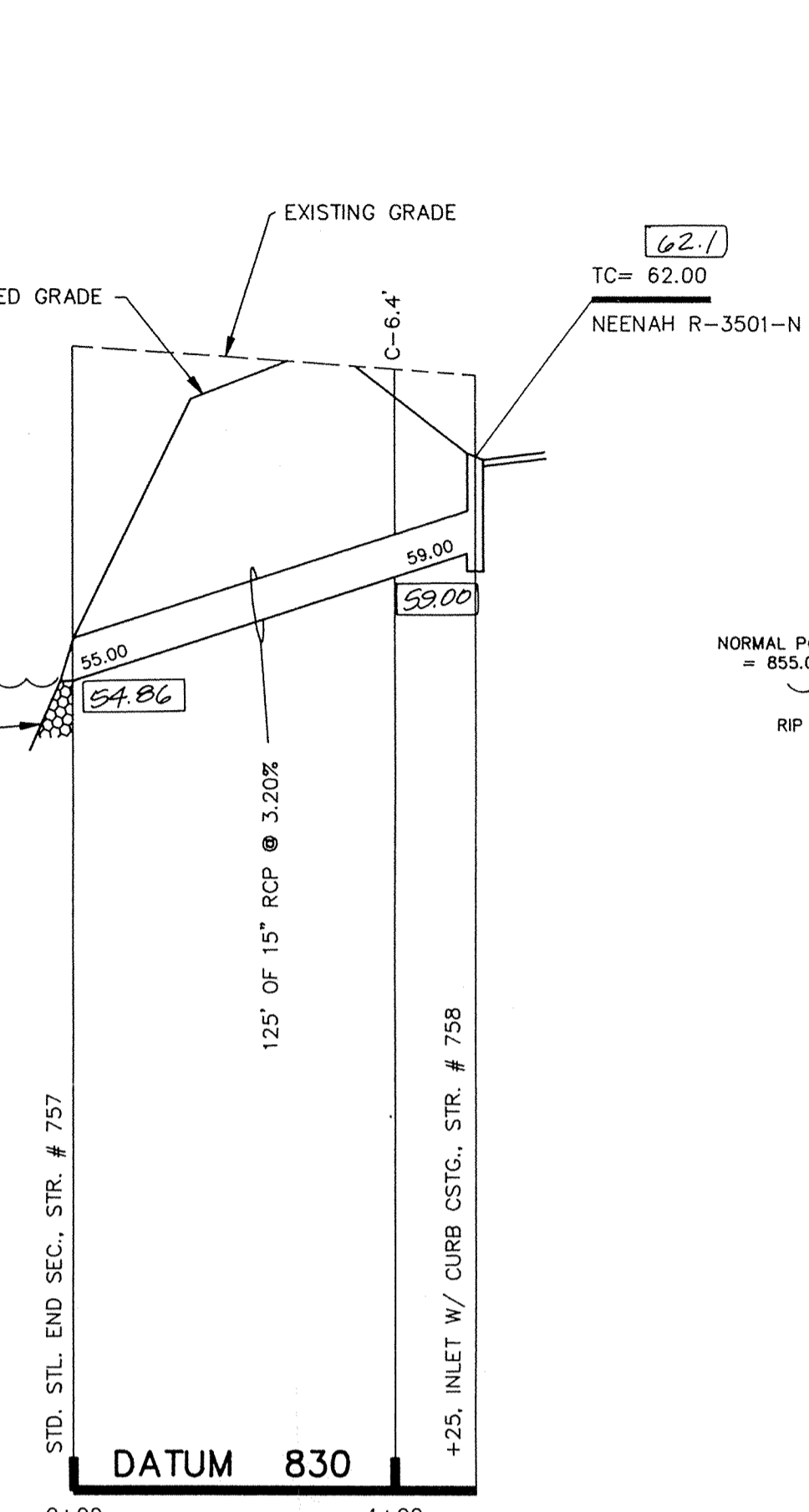
PROFILE ONE



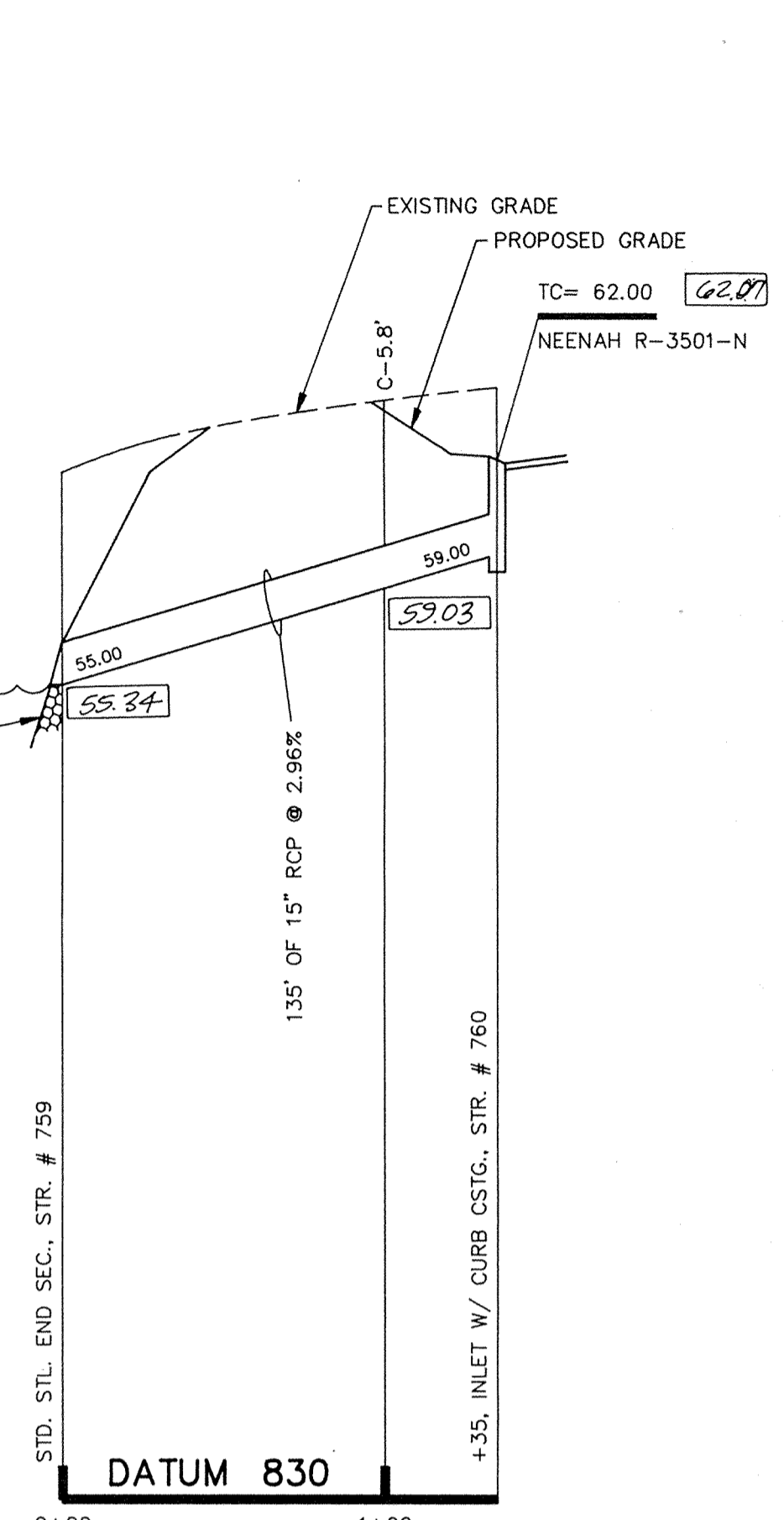
PROFILE TWO



PROFILE THREE

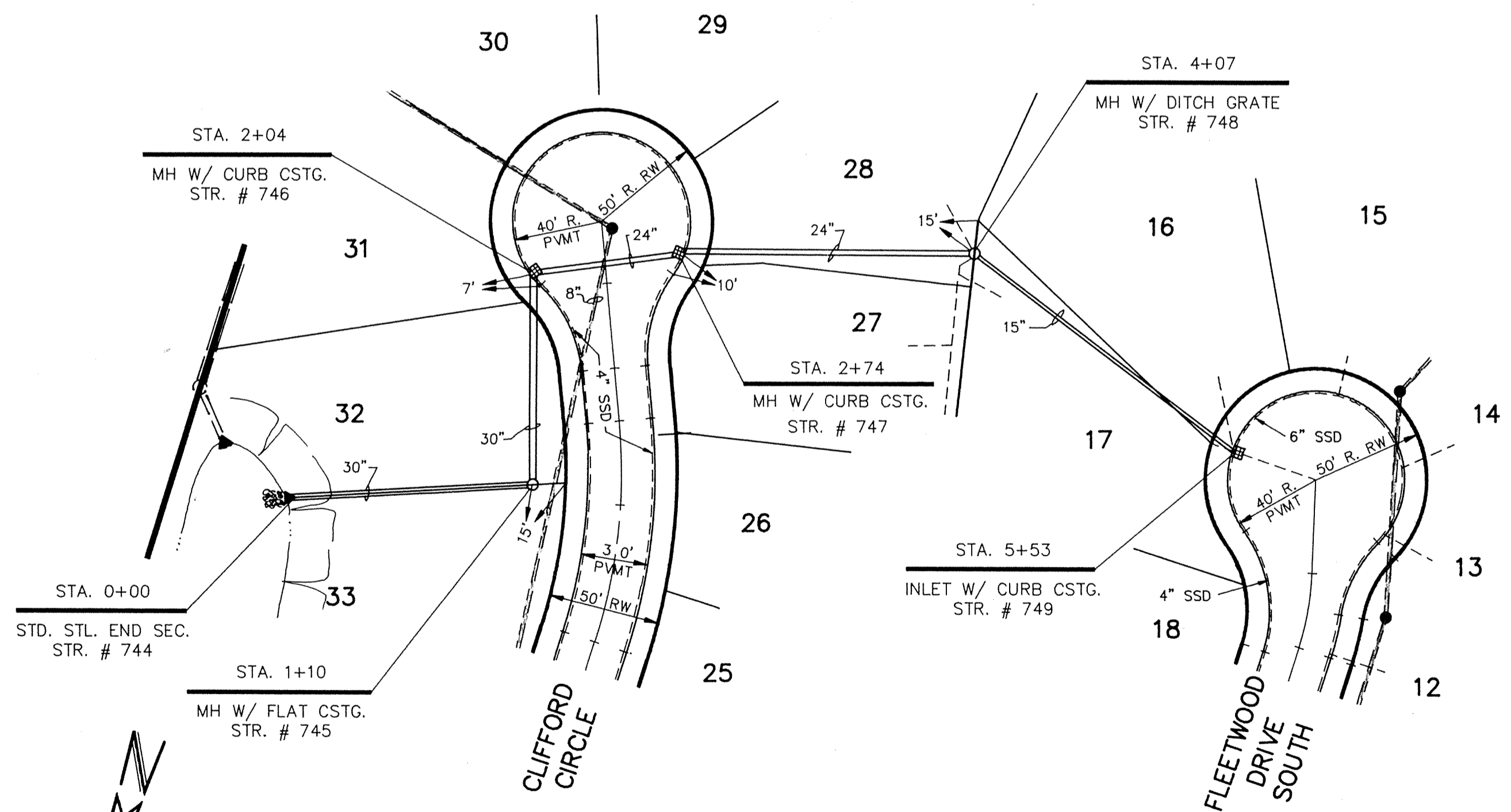


PROFILE FOUR

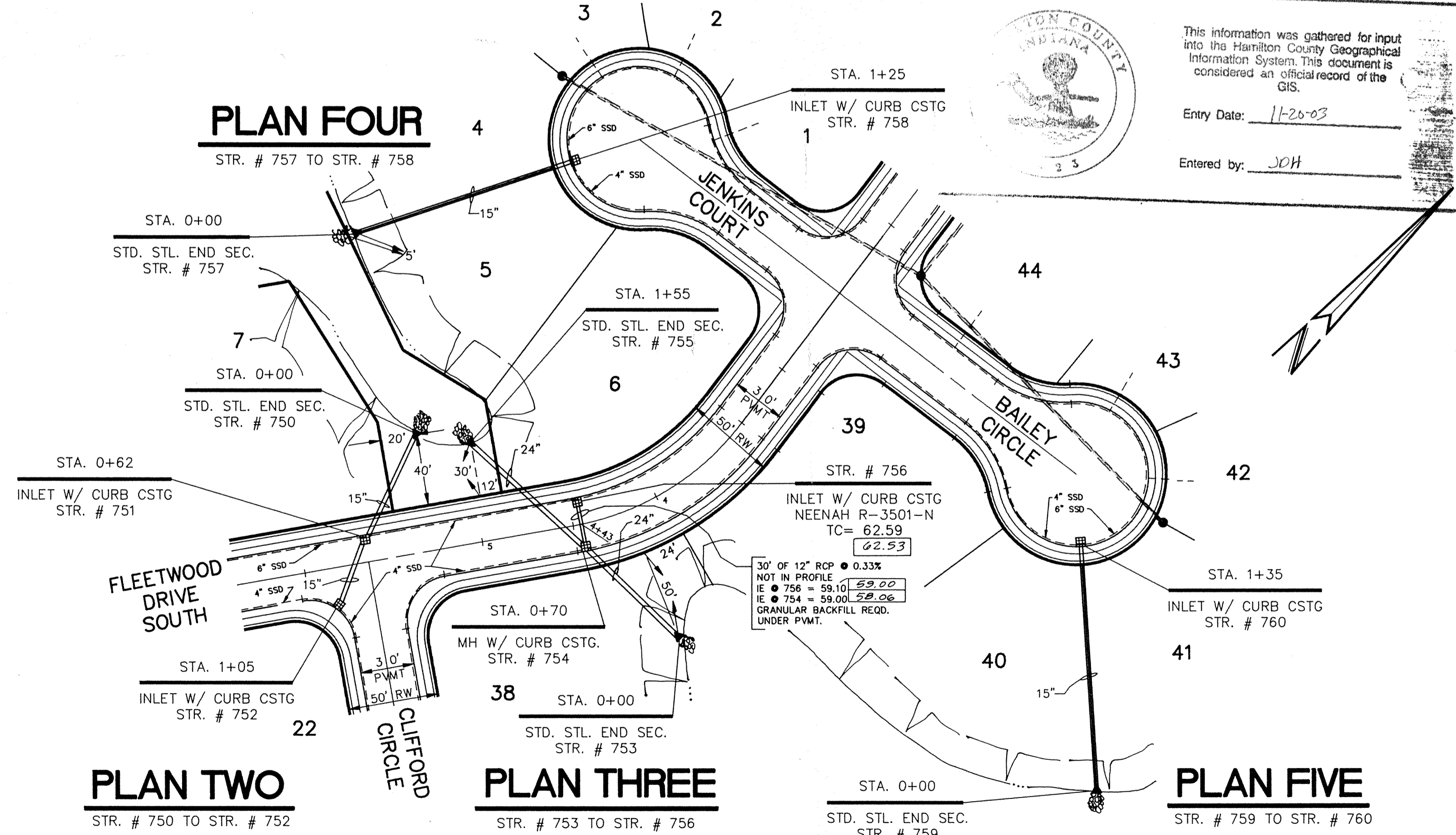


PROFILE FIVE

6605 = AS-BUILT INFO.



PLAN ONE

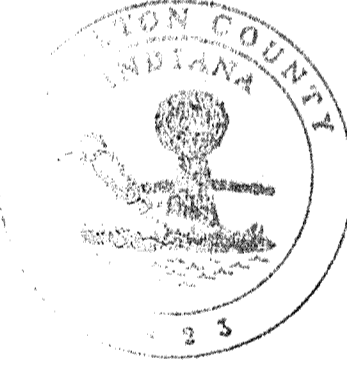


PLAN TWO

PLAN THREE

PLAN FOUR

PLAN FIVE



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 Entry Date: 11-20-03
 Entered by: JAH

CERTIFIED BY:
 Joseph A. Sharrick
 3-9-09 DATE

REVISIONS
10/17/89 ADDED AS-BUILT INFO.

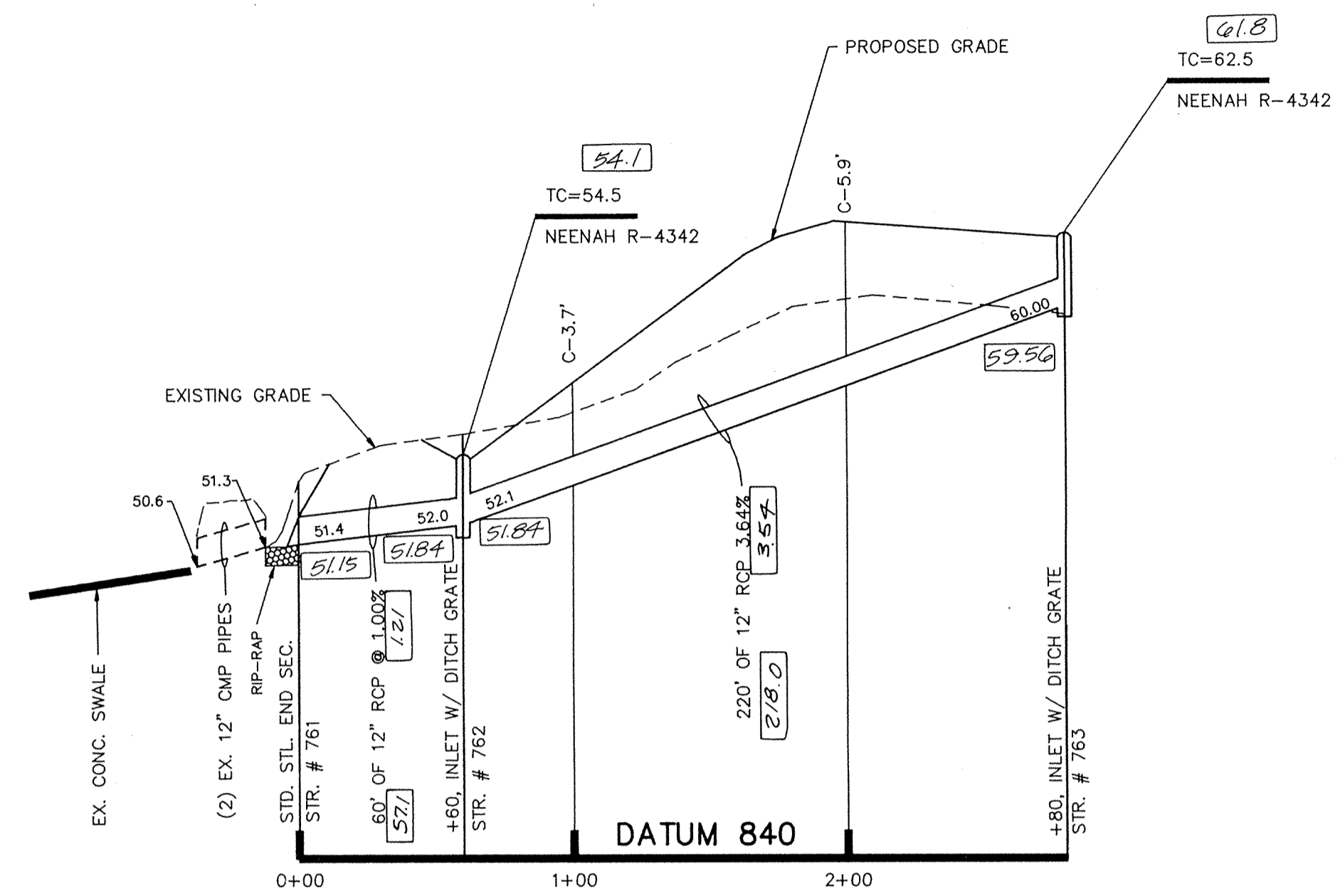


PAUL I. CRIFE, INC.
 7172 GRAHAM ROAD
 INDIANAPOLIS, INDIANA 46250
 (317) 842-6777

TECH CHK: CIVIL ENGINEERING
 ARCHITECTURE
 LAND SURVEYING
 LAND PLANNING
 DRAWN BY: ASD
 SCALE: HORZ. 1"=50'
 VERT. 1"=5'
 DATE: 2-20-09
 CLIENT: BRENNICK DEVELOPMENT CO.

DRAWING TITLE: **STORM PLAN & PROFILE**

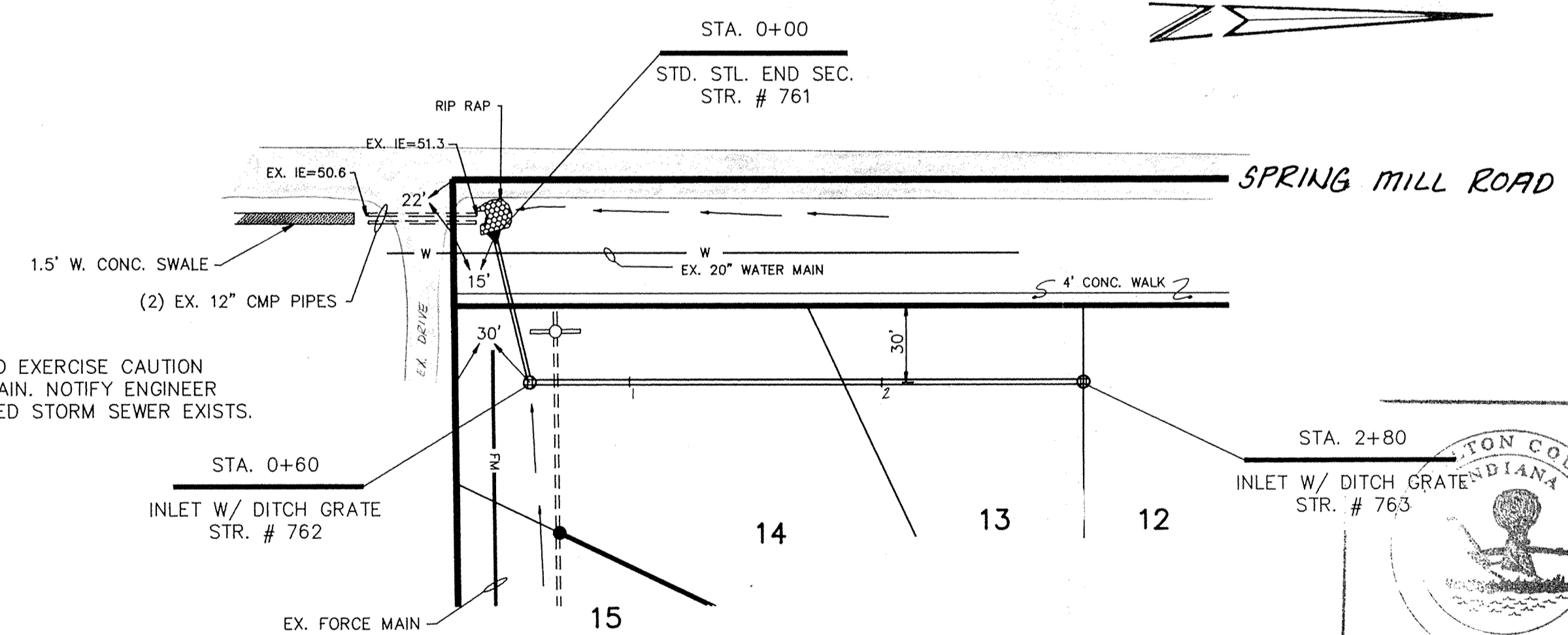
WESTPARK AT SPRINGMILL - SEC. 1			
DWG. TYPE	FILE NUMBER	SHEET: 8	
JOB NUMBER			
7	9	2	0
5	1	9	0
1	0	0	0
OF 13			



PROFILE ONE

59.50 = AS-BUILT INFO.

- 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.



NOTE: CONTRACTOR IS TO EXERCISE CAUTION IN LOCATING EX. FORCE MAIN. NOTIFY ENGINEER IF CONFLICT WITH PROPOSED STORM SEWER EXISTS.

PLAN ONE

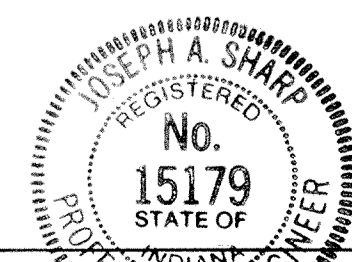
TON COUNTY
INDIANA

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Entry Date: 11-20-03

Entered by: JDH

RECORD DRAWING



Joseph A. Sharp
3-30-09

REVISIONS	DATE	BY
3-30-09 ADD SHWT TO SBT		ASD
10/17/02 INCLUDED AS-BUILT INFO.		BP



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

- CIVIL ENGINEERING
- LAND SURVEYING
- ARCHITECTURE
- LAND PLANNING

TECH. CHK:	DRAWN BY: ASD	SCALE: HORZ. = 1"=50' VERT. = 1"=5'	DATE: 2-20-09
DRFTNG. CHK:	DRAWING TITLE: STORM SEWER PLAN & PROFILE		

CLIENT:	BRENNICK DEVELOPMENT CO.
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WESTPARK AT SPRINGMILL - SEC. 1	
DWG. TYPE	FILE NUMBER
JOB NUMBER	
7	92015-90100
SHEET:	9
	OF 13