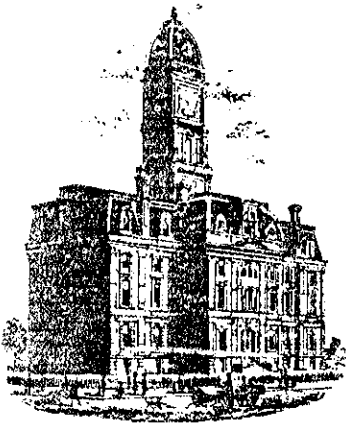


Drain: SHELBORNE GREENE DRAIN **Drain #:** 274
Improvement/Arm: SHELBORNE GREENE-SECTION 4
Operator: JDH **Date:** 7-22-04
Drain Classification: Urban/Rural **Year Installed:** 1995

GIS Drain Input Checklist

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



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square

Noblesville, Indiana 46060-2200 ~~December 12, 1995~~

TO: Hamilton County Drainage Board

RE: Shelborne Greene Drain Section 4 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Arm 4, Shelborne Greene Drain. 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	6624 ft	21"	RCP	1299 ft
12"	RCP	922 ft	24"	RCP	765 ft
15"	RCP	407 ft	19 10x30	ERCPC	49 ft
18"	RCP	70 ft	36"	RCP	235 ft

The total length of the drain will be 10,371 feet.

The retention ponds (lakes) located in Common Areas 6 and 5, Lake 8 and Lake 9 is not to be considered part of the regulated drain. Only the inlet and outlet 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/right of way) 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: Rear of Lots 131 to 139; East side ditch of Shelborne Road North of STR 728 and South of STR 728; Rear of Lots 155 and 156 and Lots 168 to 173.

The above length include the 36" pipe between Lake #8 and Lake #9 and the offsite storm sewer through the golf course between Lake #9 and the open ditch.

I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$ 30.00 per lot, \$5.00 per acre for roadways, with a \$ 30.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$ 1841.20.

I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 to 69. Therefore, this drain shall be designated as an Urban Drain.

I recommend that upon approval of the above proposed drain that the Board also approve the attached non-enforcement request.

This request is for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Shelborne Greene-Section 4, recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for for Janaury 22, 1996.

Kenton C. Ward
Hamilton County Surveyor
KCW/no

First Fidelity & Guaranty Co., Inc.

P.O. Box 501422
Indianapolis, IN 46250-6422

July 13, 1995

FILED

JUL 14 1995

OFFICE OF HAMILTON COUNTY SURVEYOR

Irrevocable Credit No. SBG-1&4-DRA

The Board of Hamilton County Commissioners,
Hamilton County, Indiana
One Hamilton County Square
Noblesville, Indiana 46060

Gentlemen:

We hereby establish our Irrevocable Standby Letter of Credit No. SBG-1&4-DRA in your favor, at the request and for the account of Davis Homes, LLC, an Indiana limited liability company, 3755 East 82nd Street, Suite 120, Indianapolis, Indiana 46240 (the "Developer"), for any sum or sums not exceeding One Hundred Ninety-Six Thousand Four Hundred and 00/100 Dollars (\$196,400.00), available upon presentation by the Board of Hamilton County Commissioners of a letter enumerating any and all improvements not completed by Developer in connection with the storm sewers and subsurface drains in Shelborne Greene, Sections 1 and 4, Carmel Plat Docket Nos. 19-95 PP and 21-95 PP (Secondary Plat), as required by the Hamilton County Surveyor's Office.

The drafts drawn under this Letter of Credit, must state "Drawn under Letter of Credit No. SBG-1&4-DRA of First Fidelity & Guaranty Co., Inc., dated July 13, 1995." The amounts of the drafts must be noted on the back of this Letter of Credit by the negotiating bank and/or agency.

This Letter of Credit is effective as of July 13, 1995 and shall expire on July 12, 1996, but such expiration date shall be automatically extended for a period of one year on July 13, 1996, and on each successive expiration date, unless a release is received from the Board of Hamilton County Commissioners or we notify both the Board of Hamilton County Commissioners and the Developer by certified mail, at least ninety (90) days before the current expiration date, that we have decided not to extend this Letter of Credit beyond the current expiration date. In the event of such notification by us, the credit established by this Letter shall be available to the Board of Hamilton County Commissioners upon its sight draft or demand for payment for ninety (90) days after receipt of such notice by the Board of Hamilton County Commissioners, as shown on the signed return receipt.

The credit established by this Letter and our obligation to

Board of Hamilton
County Commissioners,
page 2

pay same shall not be affected by the receivership, bankruptcy or insolvency of the Developer or the attachment of its property. Nor shall this credit or our obligation to pay same be affected by any security agreement between the Developer and ourselves.

Whenever this letter of credit is drawn on under and in compliance with the terms of this Letter of Credit, we shall pay the amount of the draft directly to the Board of Hamilton County Commissioners or in accordance with its instructions.

Sincerely,

First Fidelity & Guaranty Co., Inc.

By



(Authorized Signature)

F	Credit No. <u>S26-14-DRA</u>	F
F	Date <u>7/13/55</u>	F
&	Amount <u>196,900.00</u>	&
G	Code Approval <u>[Signature]</u>	G

BOARD OF COMMISSIONERS
OF THE COUNTY OF HAMILTON

DATE _____

ATTEST: _____
HAMILTON COUNTY AUDITOR

First Fidelity & Guaranty Co., Inc.

P.O. Box 501422
Indianapolis, IN 46250-6422

July 13, 1995

Irrevocable Credit No. SBG-1&4-EC

The Board of Hamilton County Commissioners,
Hamilton County, Indiana
One Hamilton County Square
Noblesville, Indiana 46060

FILED

JUL 14 1995

OFFICE OF HAMILTON COUNTY SURVEYOR

Gentlemen:

We hereby establish our Irrevocable Standby Letter of Credit No. SBG-1&4-EC in your favor, at the request and for the account of Davis Homes, LLC, an Indiana limited liability company, 3755 East 82nd Street, Suite 120, Indianapolis, Indiana 46240 (the "Developer"), for any sum or sums not exceeding Thirty-Three Thousand Nine Hundred Seventy and 00/100 Dollars (\$33,970.00), available upon presentation by the Board of Hamilton County Commissioners of a letter enumerating any and all improvements not completed by Developer in connection with the erosion control in Shelborne Greene Sections 1 and 4, Carmel Plat Docket Nos. 19-95 PP and 21-95 PP (Secondary Plat), as required by the Hamilton County Surveyor's Office.

The drafts drawn under this Letter of Credit, must state "Drawn under Letter of Credit No. SBG-1&4-EC of First Fidelity & Guaranty Co., Inc., dated July 13, 1995." The amounts of the drafts must be noted on the back of this Letter of Credit by the negotiating bank and/or agency.

This Letter of Credit is effective as of July 13, 1995 and shall expire on July 12, 1996, but such expiration date shall be automatically extended for a period of one year on July 13, 1996, and on each successive expiration date, unless a release is received from the Board of Hamilton County Commissioners, or we notify both the Board of Hamilton County Commissioners and the Developer by certified mail, at least ninety (90) days before the current expiration date, that we have decided not to extend this Letter of Credit beyond the current expiration date. In the event of such notification by us, the credit established by this Letter shall be available to the Board of Hamilton County Commissioners upon its sight draft or demand for payment for ninety (90) days after receipt of such notice by the Board of Hamilton County Commissioners, as shown on the signed return receipt.

Board of Hamilton
County Commissioners,
page 2

The credit established by this Letter and our obligation to pay same shall not be affected by the receivership, bankruptcy or insolvency of the Developer or the attachment of its property. Nor shall this credit or our obligation to pay same be affected by any security agreement between the Developer and ourselves.

Whenever this letter of credit is drawn on under and in compliance with the terms of this Letter of Credit, we shall pay the amount of the draft directly to the Board of Hamilton County Commissioners or in accordance with its instructions.

Sincerely,

First Fidelity & Guaranty Co., Inc.

By 
(Authorized Signature)

F	Credit No. <u>SB6-114-EC</u>	F
F	Date <u>7/13/95</u>	F
&	Amount <u>33,870.00</u>	&
G	Code Approval <u>SM</u>	G

BOARD OF COMMISSIONERS
OF THE COUNTY OF HAMILTON

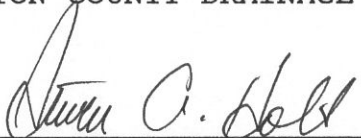
DATE _____

ATTEST: _____
HAMILTON COUNTY AUDITOR

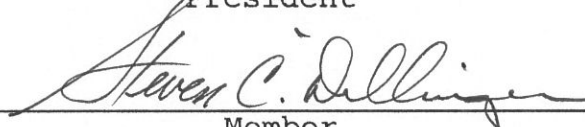
FINDINGS AND ORDER
CONCERNING THE MAINTENANCE OF THE
Shelborne Greene-Arm #4 DRAIN

On this 22nd day of January 1996, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the Shelborne Greene-Arm #4 DRAIN. Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessments will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

HAMILTON COUNTY DRAINAGE BOARD



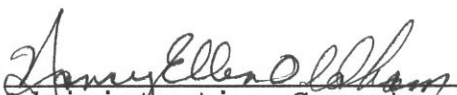
President



Member



Member

ATTEST: 
Administrative Secretary
Revised 12/95

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD

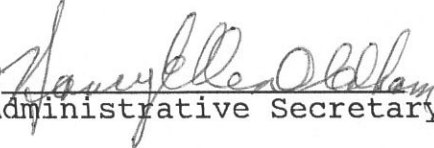
IN THE MATTER OF THE Shelborne Greene Drain-Arm #4

NOTICE

TO WHOM IT MAY CONCERN AND _____

Notice is hereby given of the Hearing of the Hamilton County Drainage Board on the Shelborne Greene Drain-Arm #4 Drain, on January 22, 1996, at 9:20 A.M. in the Commissioners's Court, Hamilton County Judicial Center, One Hamilton County Square Noblesville, Indiana and which the Maintenance Report of the Board have been filed and are available for public inspection in the Office of the Hamilton County Surveyor.

Hamilton County Drainage Board

ATTEST 
Administrative Secretary

ONE TIME ONLY

CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: Shelborne Greene Sections 1 and 4

I hereby certify that:

- 1.) I am a Registered Engineer 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: Christopher R. White Date: 8-14-97

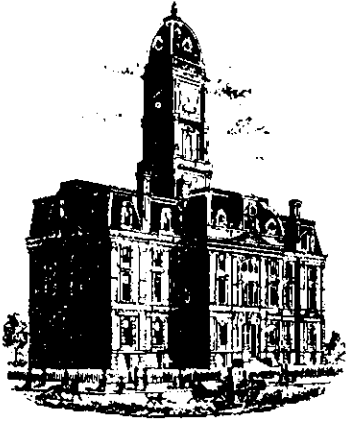
Type or Printed Name: Christopher R. White

Business Address: 3755 East 82nd Street, Suite 120
Indianapolis, IN 46240

Telephone: 595-2903



INDIANA REGISTERED NUMBER
19500469



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

December 30, 1997

Re: Shelborne Green Drain: Sec. 4 Arm

Attached are as-builts, certificate of completion & compliance, and other information for the Shelborne Green Sec. 4. 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 12, 1995. The changes are as follows:

- Str.716-715 24"RCP shortened from 222' feet to 221' feet.
- Str.715-714 24"RCP lengthened from 212' feet to 215' feet.
- Str.714-713 36"RCP shortened from 200' feet to 195' feet.
- Str.747-742 12"RCP shortened from 94' feet to 93' feet.
- Str.750-749 12"RCP shortened from 41' feet to 39' feet.
- Str.754-753 12"RCP shortened from 73' feet to 72' feet.
- Str.746A-746 12"RCP lengthened from 68' feet to 69' feet.
- Str.746-745 12"RCP shortened from 95' feet to 94' feet.
- Str.745-744 12"RCP shortened from 86' feet to 85' feet.
- Str.744-743 15"RCP lengthened from 58' feet to 60' feet.
- Str.766-765 21"RCP lengthened from 252' feet to 253' feet.
- Str.765-764 21"RCP shortened from 28' feet to 26' feet.
- Str.763-762 21"RCP lengthened from 141' feet to 144' feet.
- Str.762-761 21"RCP shortened from 116' feet to 114' feet.
- Str.762-761 21"RCP lengthened from 285' feet to 287' feet.
- Str.760-759 21"RCP shortened from 305' feet to 271' feet.
- Str.728-728A 12"RCP at 16' feet was not on the original report.
- Str.728-727 12"RCP shortened from 71' feet to 69' feet.
- Str.726-725 19"x30"RCP shortened from 30' feet to 29' feet.
- Str.725-724 19"x30"RCP shortened from 19' feet to 18' feet.
- Str.735-736 15"RCP shortened from 59' feet to 58' feet.
- Str.736-737 15"RCP shortened from 30' feet to 29' feet.

Str.737-738 12"RCP lengthened from 119' feet to 120' feet.

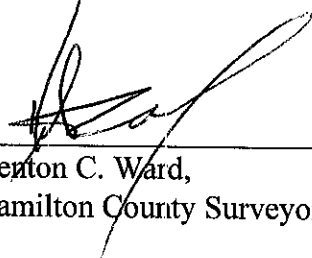
The length of the drain due to the changes described above is now ^{10,344'}~~10,343~~ feet.

The non-enforcement was approved by the Board at its meeting on January 22, 1995 and recorded under instrument #9609643778.

The bond or letter of credit from First Fidelity & Guaranty Co., Inc, number SBG 1&4-EC,SBG-1&4-DRA; in the amount of \$33,970.00,\$196,400.00; was released October 13, 1997.

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

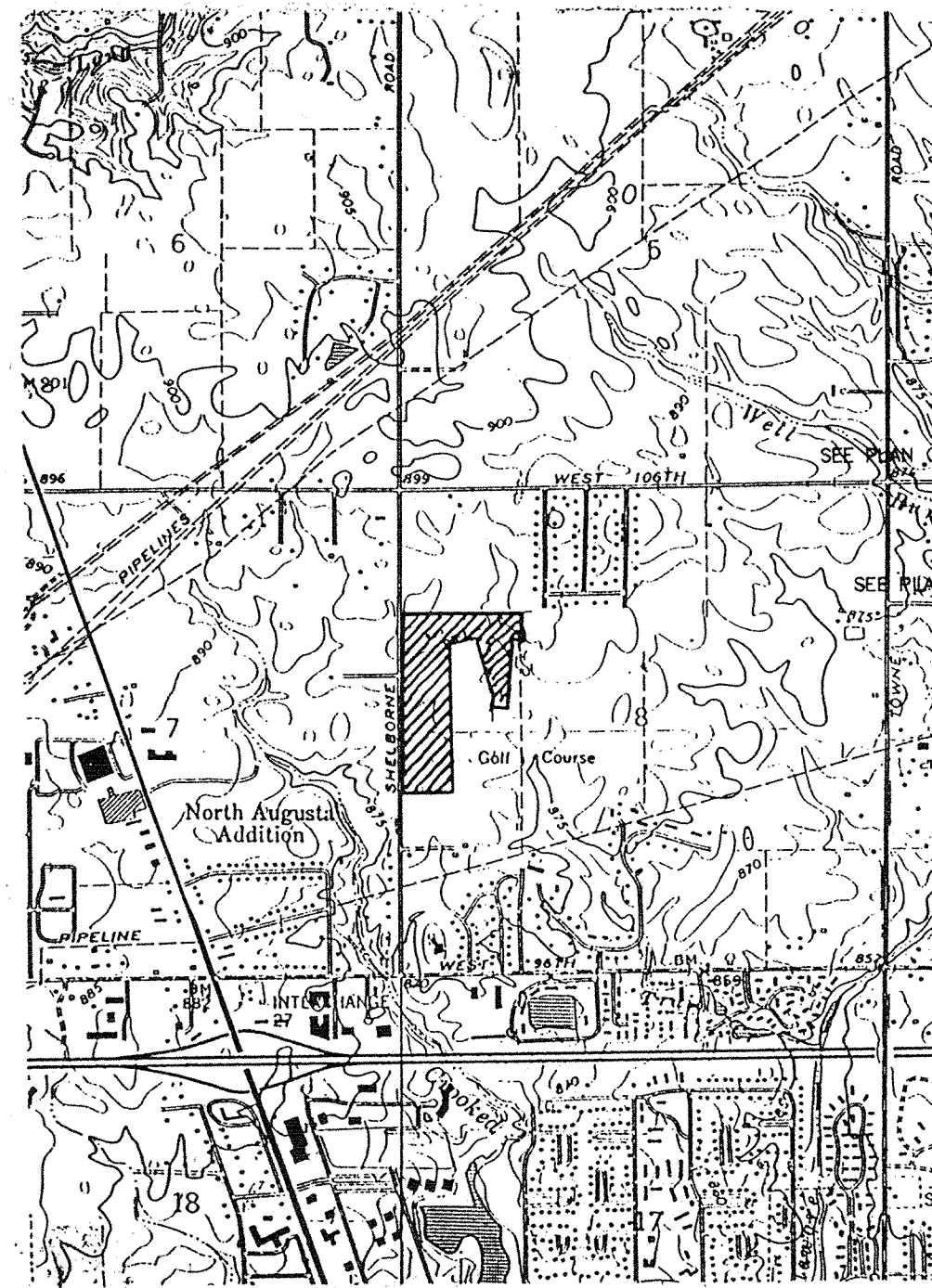
Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

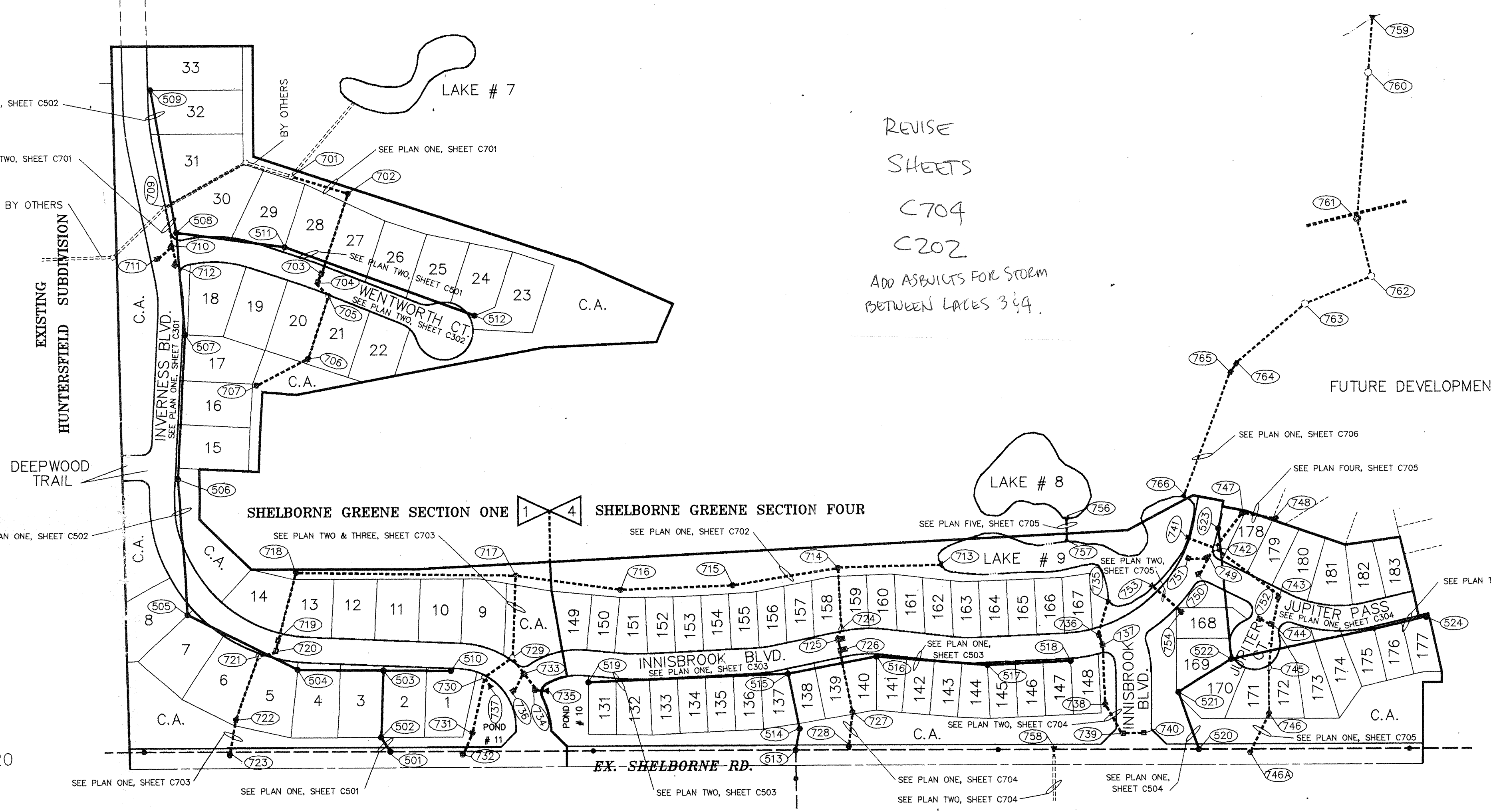
KCW/slm

CONSTRUCTION PLANS FOR SHELBORNE GREENE SECTION ONE & FOUR



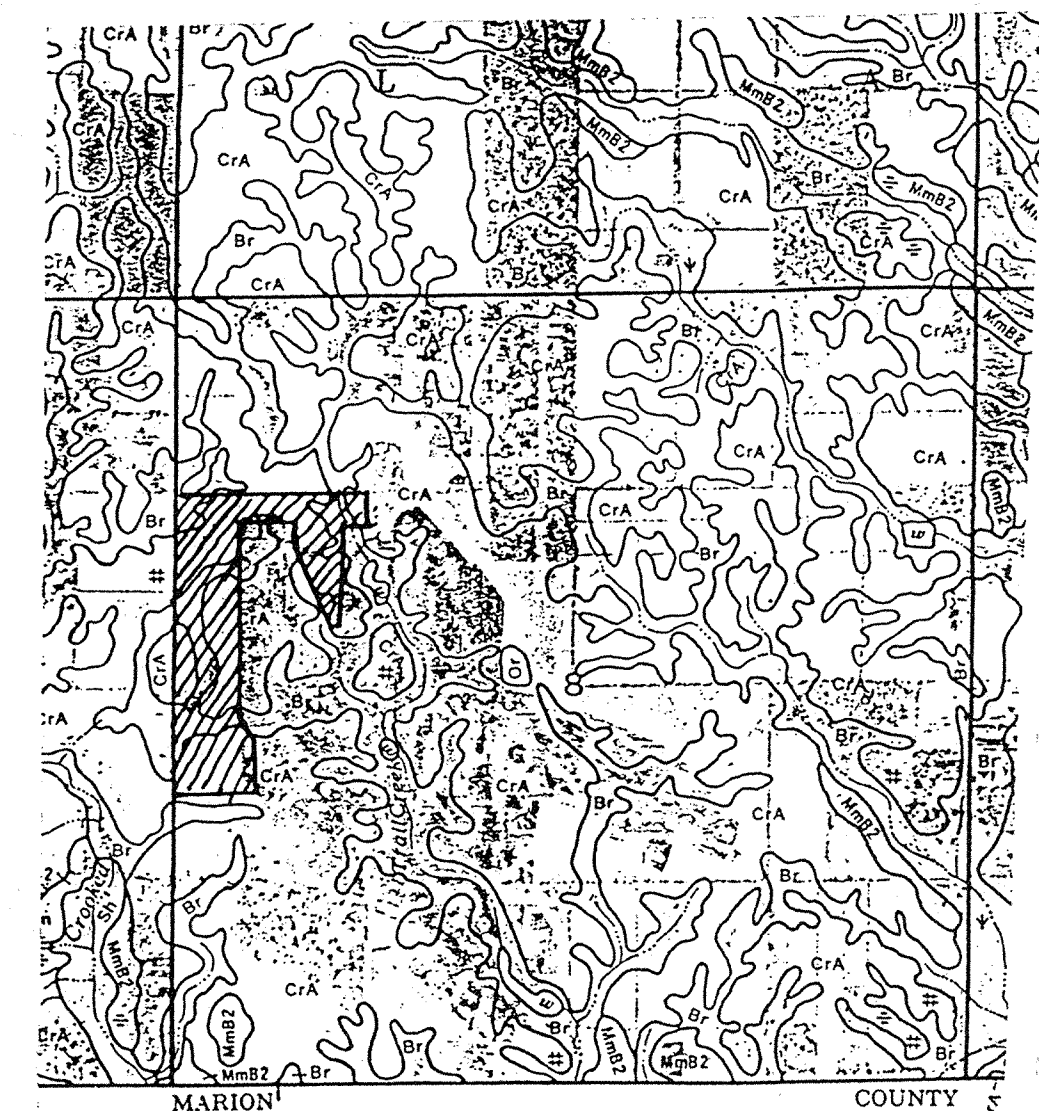
LOCATION MAP

SCALE: 1" = 2000'



PLAN

SCALE: 1" = 150'



SOILS MAP

SCALE: 1" = 1/4 MILE

BENCHMARK

U.S.C. & G.S. BM T-78 - BRONZE DISK SET IN CONCRETE POST 48" NE OF CENTERLINE OF U.S. 421 AND 24" N OF CENTERLINE W. 96TH ST. (RESET 1965)

ELEVATION = 880.926 (NGVD 1929)

INDEX

SHT. #	DESCRIPTION
CS	COVER SHEET
201	SITE DEVELOPMENT PLAN - THE ESTATES SECTION ONE
202	SITE DEVELOPMENT PLAN - THE VILLAGES SECTION ONE
203	GOLF COURSE HOLES # 4 & # 7 GRADING & STORM SEWER PLAN
204	EROSION CONTROL - THE ESTATES SECTION ONE
205	EROSION CONTROL - THE VILLAGES SECTION ONE
206	EROSION CONTROL DETAILS & SPECIFICATIONS
207	96th. & SHELBORNE Rd. IMPROVEMENTS
301	STREET PLAN & PROFILE - THE ESTATES
302	STREET PLAN & PROFILE - THE VILLAGES
303	STREET PLAN & PROFILE - THE VILLAGES
304	STREET PLAN & PROFILE - THE VILLAGES
401	ENTRANCE DETAIL - THE ESTATES
402	STREET DETAIL, PLAN & PROFILE - THE ESTATES
403	ENTRANCE DETAIL - THE VILLAGES
501	SANITARY SEWER PLAN & PROFILE - THE ESTATES
502	SANITARY SEWER PLAN & PROFILE - THE ESTATES
503	SANITARY SEWER PLAN & PROFILE - THE VILLAGES
504	SANITARY SEWER PLAN & PROFILE - THE VILLAGES
701	STORM SEWER PLAN & PROFILE - THE ESTATES
702	STORM SEWER PLAN & PROFILE - THE ESTATES
703	STORM SEWER PLAN & PROFILE - THE ESTATES
704	STORM SEWER PLAN & PROFILE - THE VILLAGES
705	STORM SEWER PLAN & PROFILE - THE VILLAGES
706	OFF-SITE STORM SEWER PLAN & PROFILE - THE VILLAGES
801	STANDARD DETAILS
802	STANDARD DETAILS
901	STANDARD SPECIFICATIONS
902	STANDARD SPECIFICATIONS

SITE WORK GENERAL NOTES AND SPECIFICATIONS

NOTICES AND PERMITS

- The Contractor shall coordinate and confirm with Owner that all permits and approvals are obtained from the respective private, City, County and State agencies prior to starting construction.
- The Contractor shall contact INDIANA UNDERGROUND PLANT PROTECTION SERVICE INC., 1-800-382-5544, and all other utility companies to locate all mains, conduits, service lines, ect. in the construction affected area. Existing utility structures are shown here in accordance with available information at the time of design. The location and protection of utility structures and facilities, their support and maintenance during construction (in cooperation with applicable utility), is the express responsibility of the Contractor in the performance of the Contract and in the preparation of the bid. The Contractor shall notify the Engineer of any changes, errors or omissions found on these plans or in the field before work is started or resumed.
- It shall be the Contractor's responsibility for notification and coordination of all construction with respective utility companies.

- It shall be the responsibility of the 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 Contractor have a qualified supervisor on the job site at all times during construction.
- It is essential that the work to be done in conjunction with this project 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 appropriate governmental agencies that construction was done in compliance with these plans and specifications. Any damaged or defective work will be the Contractor's responsibility to correct or replace. All changes or discrepancies in plans to be reviewed with Engineer prior to implementing changes field.

UTILITIES

GAS:
INDIANA GAS COMPANY
15900 ALLISONVILLE ROAD
NOBLESVILLE, INDIANA 46060
(317)773-0430

WATER:
INDIANAPOLIS WATER COMPANY
1220 WATERWAY BOULEVARD
INDIANAPOLIS, INDIANA 46202
(317)639-1501 EXT.222

TELEPHONE:
AMERITECH
5858 N. COLLEGE AVE.
INDIANAPOLIS, INDIANA 46220
1-800-544-9195

CABLE TELEVISION:
JONES INTERCABLE, INC.
516 EAST CARMEL DRIVE
CARMEL, INDIANA 46032
(317)844-8877

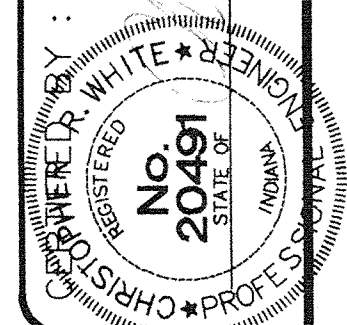
ELECTRIC:
INDIANAPOLIS POWER & LIGHT
25 MONUMENT CIRCLE
INDIANAPOLIS, INDIANA 46206
(317)261-8261

SANITARY SEWER:
CLAY TOWNSHIP REGIONAL WASTE DISTRICT
10755 NORTH COLLEGE AVENUE
CARMEL, INDIANA 46032
(317) 844-9200

STORM SEWER:
HAMILTON CO. SURVEY / DRAINAGE BOARD
ONE HAMILTON COUNTY SQUARE
NOBLESVILLE, INDIANA 46060
(317) 776-9626

STREETS:
HAMILTON COUNTY HIGHWAY
1717 EAST PLEASANT
NOBLESVILLE, INDIANA 46060
(317) 773-7770

REVISE
SHEETS
C704
C202
ADD ASBESTOS FOR STORM
BETWEEN LAKES 3 & 4.



NO.	BY	REV. DATE	REVISIONS
		03/23/95	REV. TO LOT #S PIPES & MISC. PER IN-HOUSE CHECK
		07/15/95	FINAL REVISIONS PER AGENCY COMMENTS

DAVIS HOMES, L.L.C.
3755 EAST 82nd ST. SUITE 120
INDIANAPOLIS, INDIANA 46240
OFFICE 317-595-2800
FAX 317-595-2930

PROJECT: SECTION ONE / SECTION FOUR
TITLE: COVER SHEET
DRAWN BY: PZ
DATE: 09/23/94
SCALE: NOTED
SHEET: CS

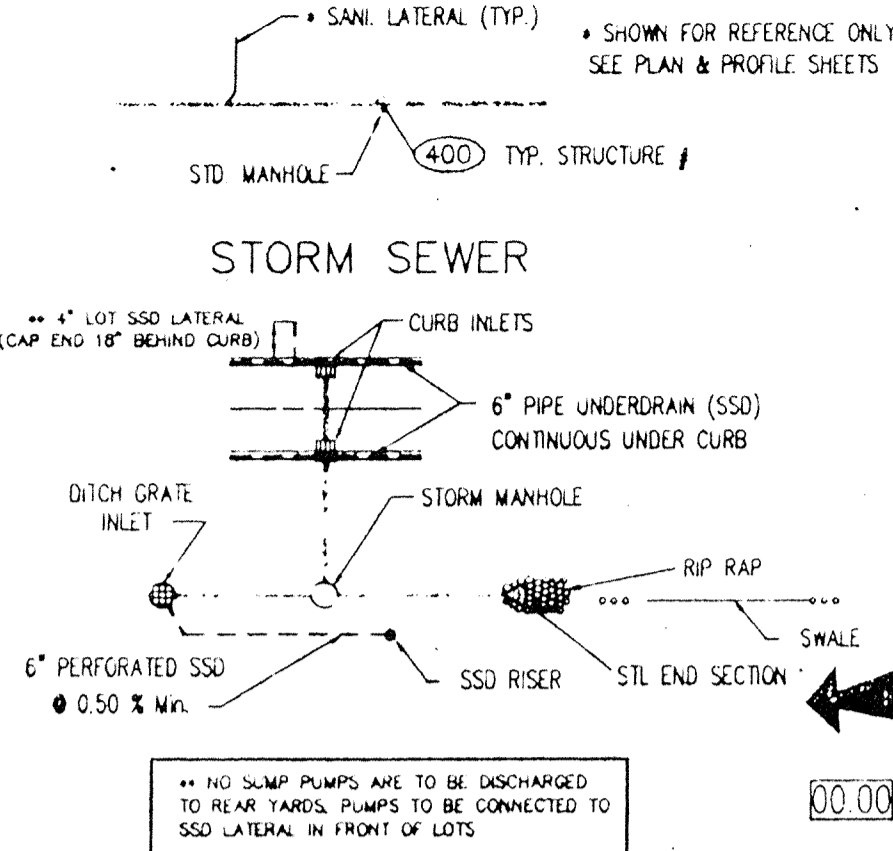
FILE
AUG 07 1997
OFFICE OF HAMILTON COUNTY SURVEYOR

NOTE: EROSION CONTROL TO BE PER SPECIFICATIONS ON SHEET 206, SEEDING & SODDING OF DISTURBED AREAS ON AND AROUND GOLF COURSE TO BE COORDINATED WITH GOLF COURSE SUPERINTENDANT.

SANITARY SEWER

LEGEND

ESTATES PAD (TYP.)



VILLAGES PAD (TYP.)

PROPOSED FLOOD ROUTE

PROPOSED SPOT GRADES

N.P. NO PAD
F.F.E. FINISHED FLOOR ELEVATION

CERTIFICATION FOR "RECORD DRAWING" by Schneider Engineering Corporation, dated 1/26/94.

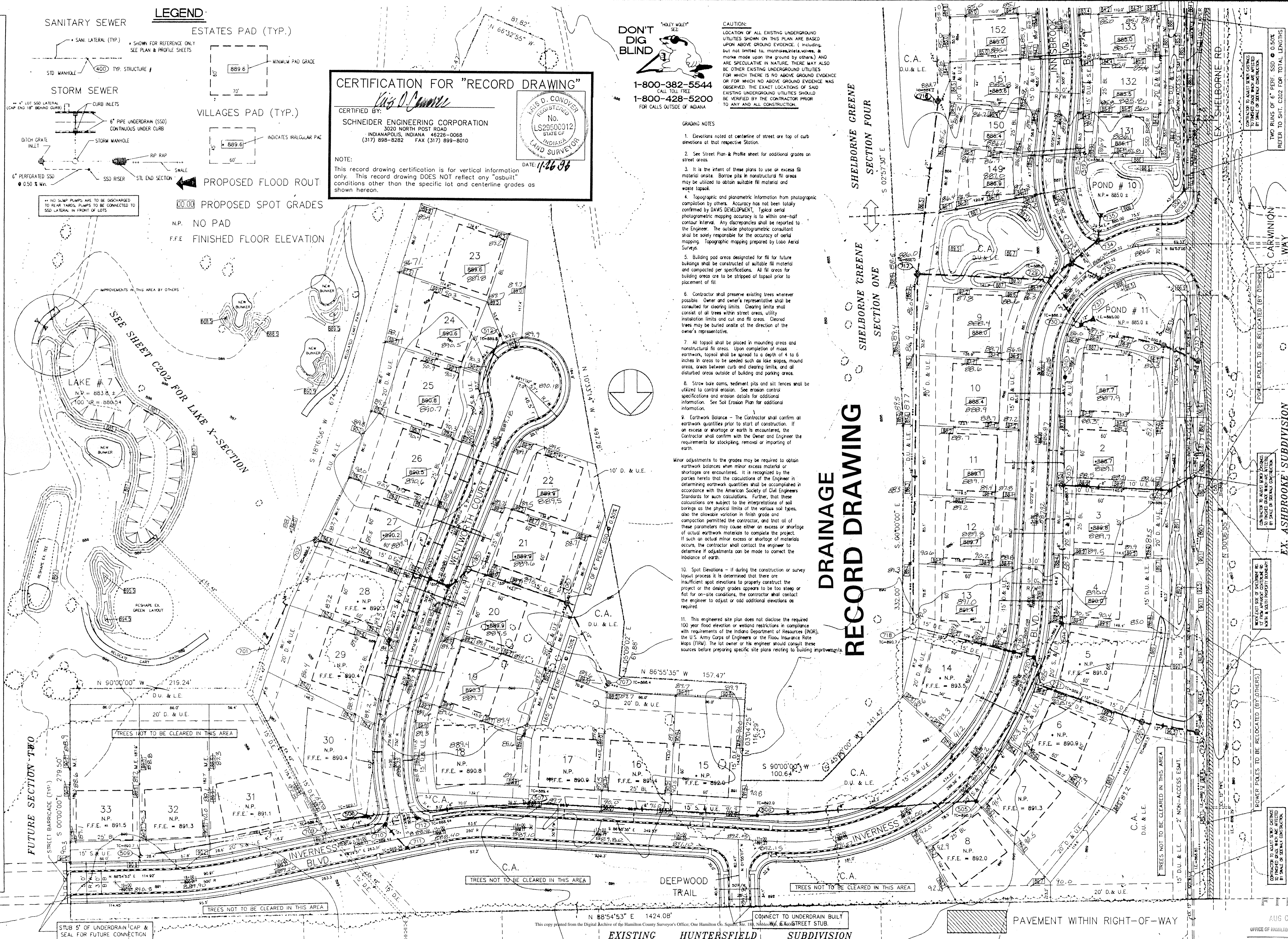
DON'T DIG BLIND logo with phone numbers 1-800-382-5544 and 1-800-428-5200.

CAUTION: LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE...

GRADING NOTES

- 1. Elevations noted at centerline of street are top of curb elevations at that respective station.
2. See Street Plan & Profile sheet for additional grades on street areas.
3. It is the intent of these plans to use an excess fill material onsite...
4. Topographic and photometric information from photometric compilation by DAMS DEVELOPMENT...
5. Building pad areas designated for fill for future buildings...
6. Contractor shall preserve existing trees wherever possible...
7. All topsoil shall be placed in mounting areas and nonstructural fill areas...
8. Straw bale dams, sediment pits and silt fences shall be utilized to control erosion...
9. Earthwork Balance - The Contractor shall confirm all earthwork quantities prior to start of construction...
10. Spot Elevations - If during the construction or survey layout process it is determined that there are insufficient spot elevations to properly construct the project...
11. This engineered site plan does not disclose the required 100 year flood elevation or wetland restrictions...

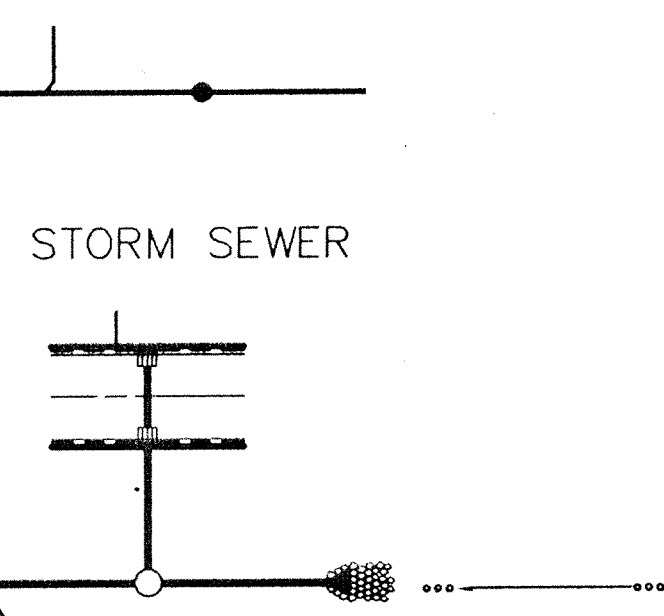
DRAINAGE RECORD DRAWING



DAVIS DEVELOPMENT, L.P. 3755 EAST 82nd ST. SUITE 120 INDIANAPOLIS, INDIANA 46240

PROJECT: THE ESTATES SECTION ONE TITLE: SITE DEVELOPMENT PLAN DRAWN BY: DATE: 09/23/94 SCALE: 1" = 50'

SANITARY SEWER



STORM SEWER

LEGEND

X = SUB DRAIN LATERAL MARKER LOCATIONS

CERTIFICATION FOR "RECORD DRAWING"

CERTIFIED BY: *Richard H. England*

SCHNEIDER ENGINEERING CORPORATION
3020 NORTH POST ROAD
INDIANAPOLIS, INDIANA 46226-0068
(317) 898-8282 FAX (317) 899-8010

REGISTERED PROFESSIONAL ENGINEER
No. 870015
STATE OF INDIANA
LAND SURVEYOR

NOTE: Record drawing certification only for sub-surface drain lateral marker location.

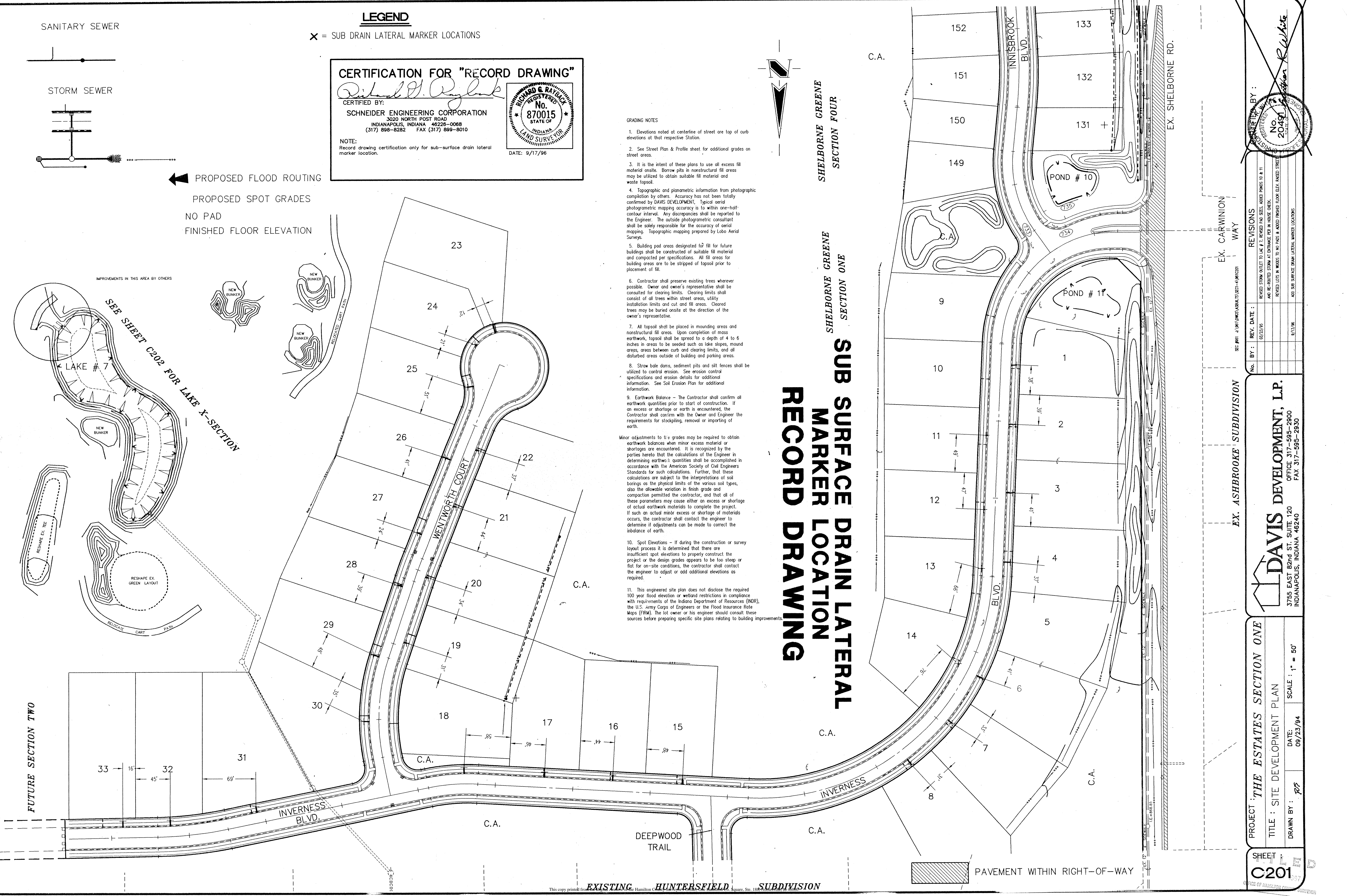
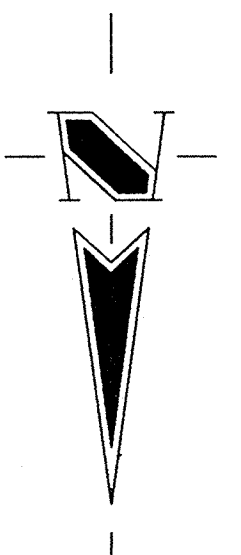
DATE: 9/17/96

GRADING NOTES

- Elevations noted at centerline of street or top of curb elevations at that respective Station.
- See Street Plan & Profile sheet for additional grades on street areas.
- It is the intent of these plans to use all excess fill material onsite. Borrow pits in nonstructural fill areas may be utilized to obtain suitable fill material and waste topsoil.
- Topographic and planimetric information from photogrammetric compilation by others. Accuracy has not been totally confirmed by DAVIS DEVELOPMENT. Typical aerial photogrammetric mapping accuracy is to within one-half contour interval. Any discrepancies shall be reported to the Engineer. The outside photogrammetric consultant shall be solely responsible for the accuracy of aerial mapping. Topographic mapping prepared by Lobo Aerial Surveys.
- Building pad areas designated for fill for future buildings shall be constructed of suitable fill material and compacted to per specifications. All fill areas for building areas are to be stripped of topsoil prior to placement of fill.
- Contractor shall preserve existing trees wherever possible. Owner and owner's representative shall be consulted for clearing limits. Clearing limits shall consist of all trees within street areas, utility installation limits and cut and fill areas. Cleared trees may be buried onsite at the direction of the owner's representative.
- All topsoil shall be placed in mounding areas and nonstructural fill areas. Upon completion of mass earthwork, topsoil shall be spread to a depth of 4 to 6 inches in areas to be seeded such as lake slopes, mound areas, areas between curb and clearing limits, and all disturbed areas outside of building and parking areas.
- Straw bale dams, sediment pits and silt fences shall be utilized to control erosion. See erosion control specifications and erosion details for additional information. See Soil Erosion Plan for additional information.
- Earthwork Balance - The Contractor shall confirm all earthwork quantities prior to start of construction. If an excess or shortage of earth is encountered, the Contractor shall confirm with the Owner and Engineer the requirements for stockpiling, removal or importing of earth.
- Spot Elevations - If during the construction or survey layout process it is determined that there are insufficient spot elevations to properly construct the project or the design grades appears to be too steep or flat for on-site conditions, the contractor shall contact the engineer to adjust or add additional elevations as required.
- This engineered site plan does not disclose the required 100 year flood elevation or wetland restrictions in compliance with requirements of the Indiana Department of Resources (IDR), the U.S. Army Corps of Engineers or the Flood Insurance Rate Maps (FIRM). The lot owner or his engineer should consult these sources before preparing specific site plans relating to building improvements.

Minor adjustments to tie grades may be required to obtain earthwork balances when minor excess material or shortages are encountered. It is recognized by the parties hereto that the calculations of the Engineer in determining earthwork quantities shall be accomplished in accordance with the American Society of Civil Engineers Standards for such calculations. Further, that these calculations are subject to the interpretations of soil borings as the physical limits of the various soil types, also the allowable variation in finish grade and compaction permitted the contractor, and that all of these parameters may cause either an excess or shortage of actual earthwork materials to complete the project. If such an actual minor excess or shortage of materials occurs, the contractor shall contact the engineer to determine if adjustments can be made to correct the imbalance of earth.

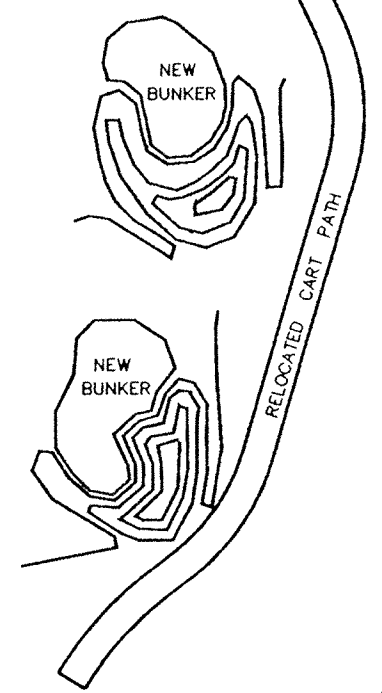
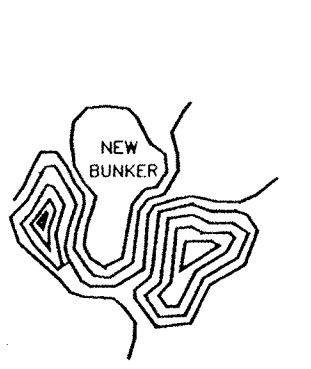
SUB SURFACE DRAIN LATERAL MARKER LOCATION RECORD DRAWING



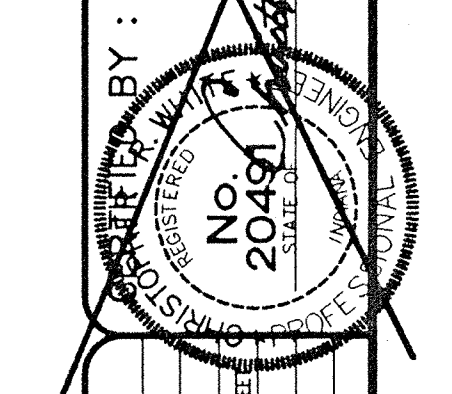
PROPOSED FLOOD ROUTING
PROPOSED SPOT GRADES
NO PAD
FINISHED FLOOR ELEVATION

IMPROVEMENTS IN THIS AREA BY OTHERS

SEE SHEET C202 FOR LAKE X-SECTION



FUTURE SECTION TWO



No.	BY :	REV. DATE :	REVISIONS :
1	REVISIONS	02/23/95	REVISED STORM OUTLET TO L&E 7, REVISED PAD SIZES, ADDED POND 10 & 11 AND RE-ROUTED STORM AT ENTRANCE PER IN HOUSE CHECK.
2	REVISIONS	01/17/96	REVISED LOTS IN WOODS TO NO PAD & ADDED FINISHED FLOOR ELEV. RASED STREET AND SEE SURFACE DRAIN LATERAL MARKER LOCATIONS.

PROJECT : THE ESTATES SECTION ONE
TITLE : SITE DEVELOPMENT PLAN
DRAWN BY : *RE*
DATE : 09/23/94
SCALE : 1" = 50'

EX. ASHBROOKE SUBDIVISION
EX. CARWINION WAY
EX. SHELBORNE RD.

DAVIS DEVELOPMENT, L.P.
3755 EAST 82nd ST. SUITE 120
INDIANAPOLIS, INDIANA 46240
OFFICE 317-595-2900
FAX 317-595-2930

SHEET C201

PRICE OF HAMILTON COUNTY SURVEYORS

CERTIFICATION FOR "RECORD DRAWING"

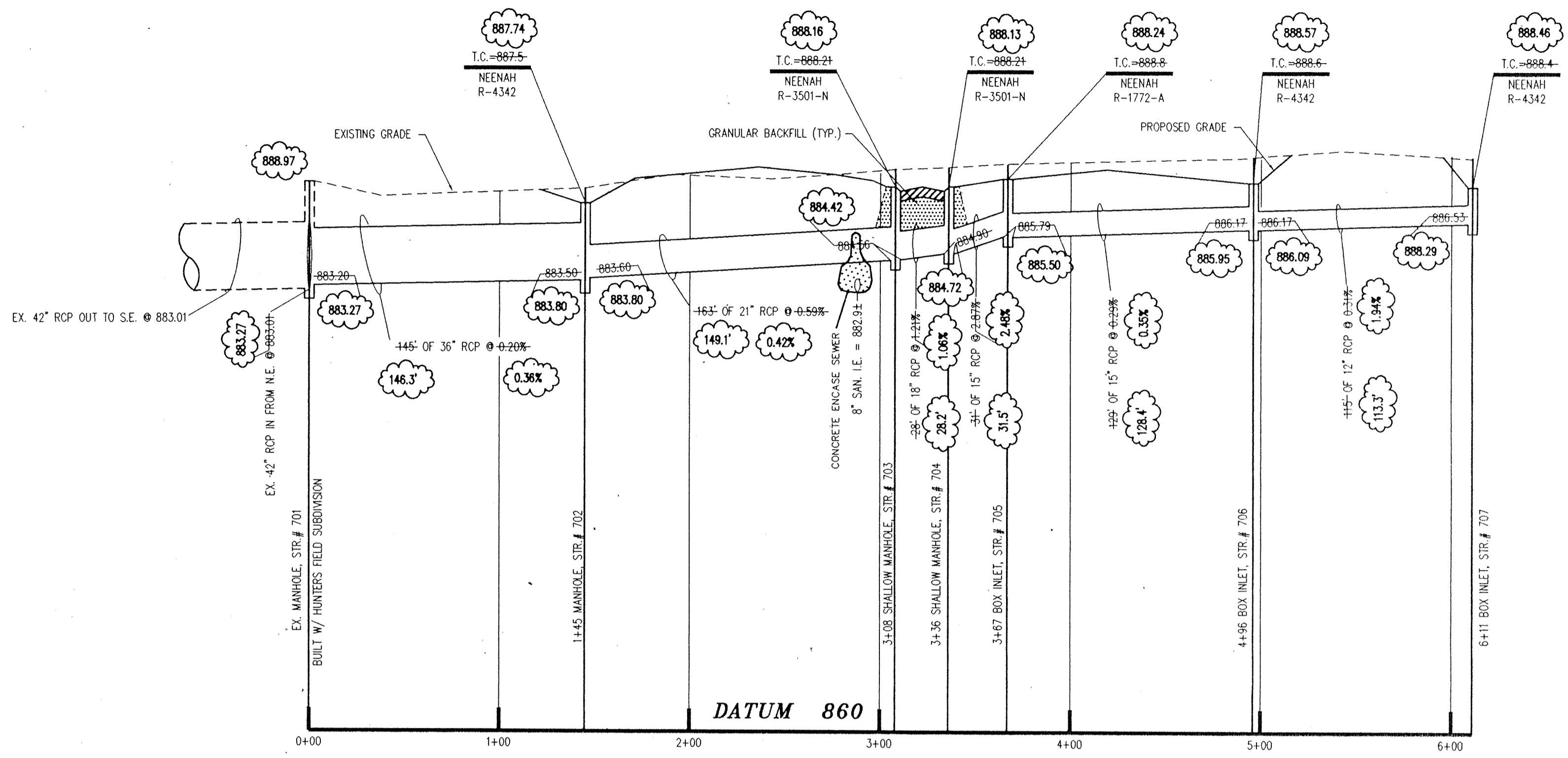
CERTIFIED BY: *Richard G. Rayback*

SCHNEIDER ENGINEERING CORPORATION
 3020 NORTH POST ROAD
 INDIANAPOLIS, INDIANA 46226-0068
 (317) 898-8282 FAX (317) 899-8010

NOTE:
 Record drawing certification only for top of casing, invert elevations and lengths of pipe. Slope percentage represents a calculated figure and is for general information only.

RICHARD G. RAYBACK
 REGISTERED PROFESSIONAL ENGINEER
 No. 870015
 STATE OF INDIANA
 LAND SURVEYOR

DATE: 8-16-96



PROFILE ONE

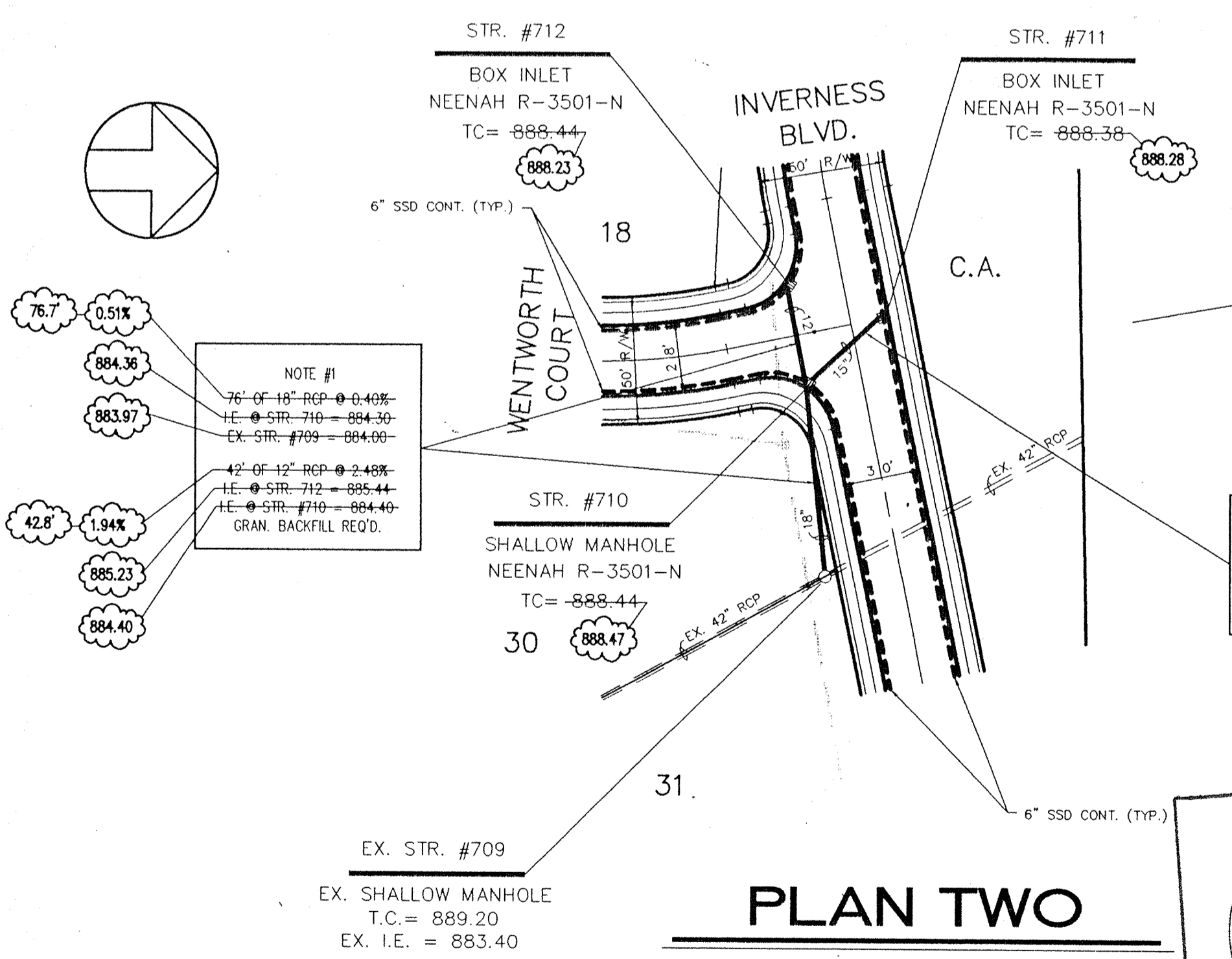
- NOTES:
- FIELD ADJUSTMENT BY ENGINEER MAY BE REQUIRED AT ALL OUTFALL POINTS TO INSURE PROPER OUTFALL CONDITIONS.
 - ALL STORM DRAINAGE STRUCTURES (IE: MANHOLES, CURB INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCH WALLS SHALL BE TROWELED SMOOTH AND HAVE A BRUSHED FINISH.
 - ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS AND PIPE CONNECTIONS WELL GROUDED, TROWELED SMOOTH AND BRUSH FINISHED.
 - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
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DON'T DIG BLIND

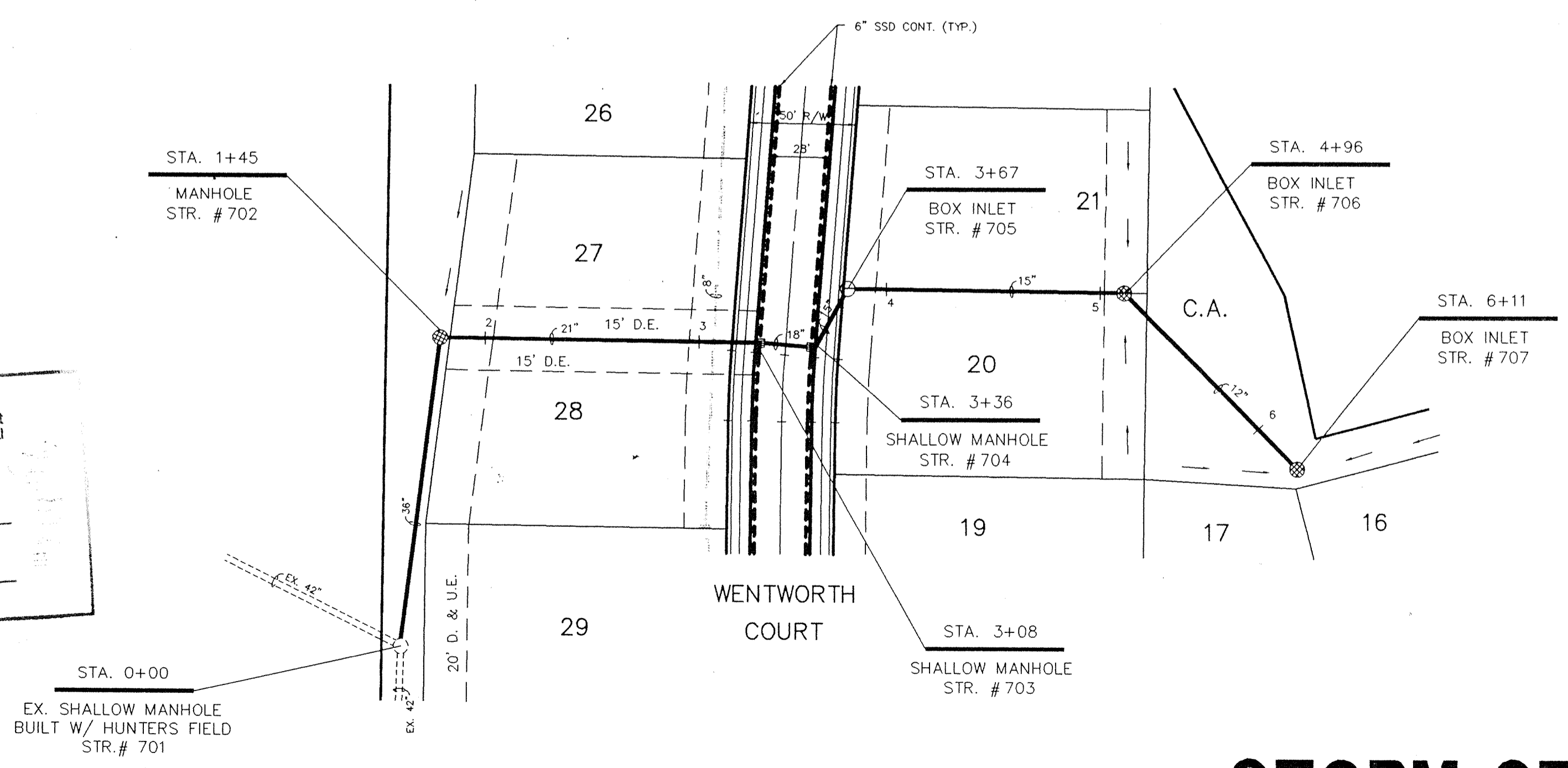
"HOLEY MOLEY" SEE

1-800-382-5544
 CALL TOLL FREE
 1-800-428-5200
 FOR CALLS OUTSIDE OF INDIANA

CAUTION:
 LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including but not limited to, manholes, inlets, valves, & marks made upon the ground by others.) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.



PLAN TWO



PLAN ONE

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: 7-21-04

Entered by: JOH

HAMILTON COUNTY INDIANA

STORM SEWER RECORD DRAWING

PROJECT: THE ESTATES SECTION ONE

TITLE: STORM SEWER PLAN & PROFILE

DRAWN BY: [Signature]

DATE: 08/23/94

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

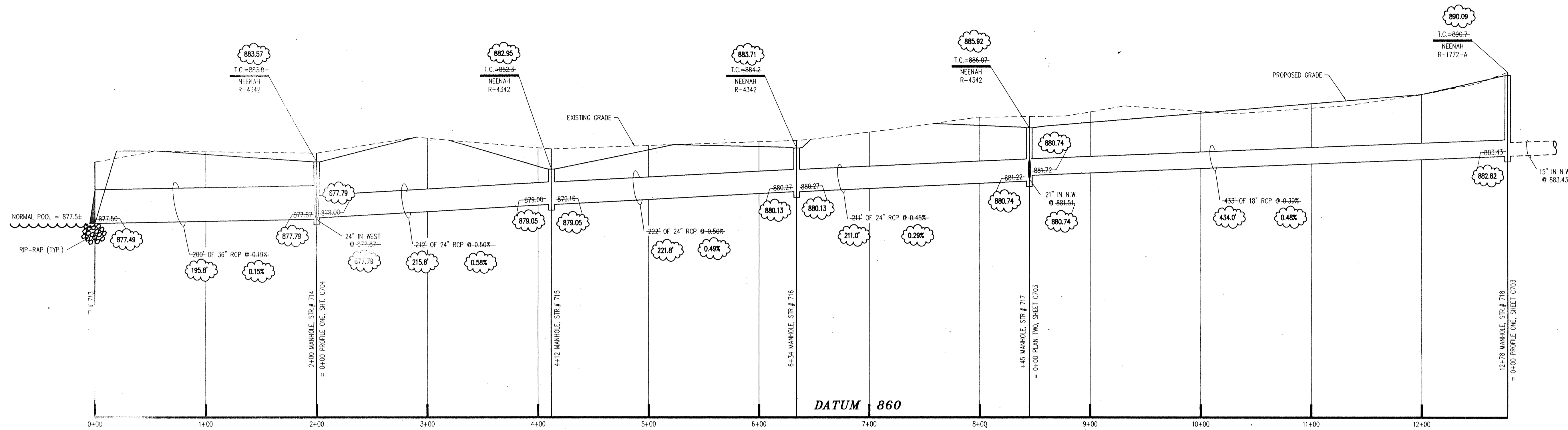
REVISIONS

NO.	BY	REV. DATE	REVISIONS
1	TJ	05/23/95	REVISED LAYOUT OF PIPE IN PLAN & PROFILE PER AS-BUILT LOCATION
2	TJ	21 MAR 96	STORM SEWER RECORD DRAWING

OFFICE OF HAMILTON COUNTY SURVEYOR

OFFICE: 317-595-2300
 3755 EAST 82nd ST. SUITE 120
 INDIANAPOLIS, INDIANA 46240
 FAX: 317-595-2330

DAVIS DEVELOPMENT, L.P.


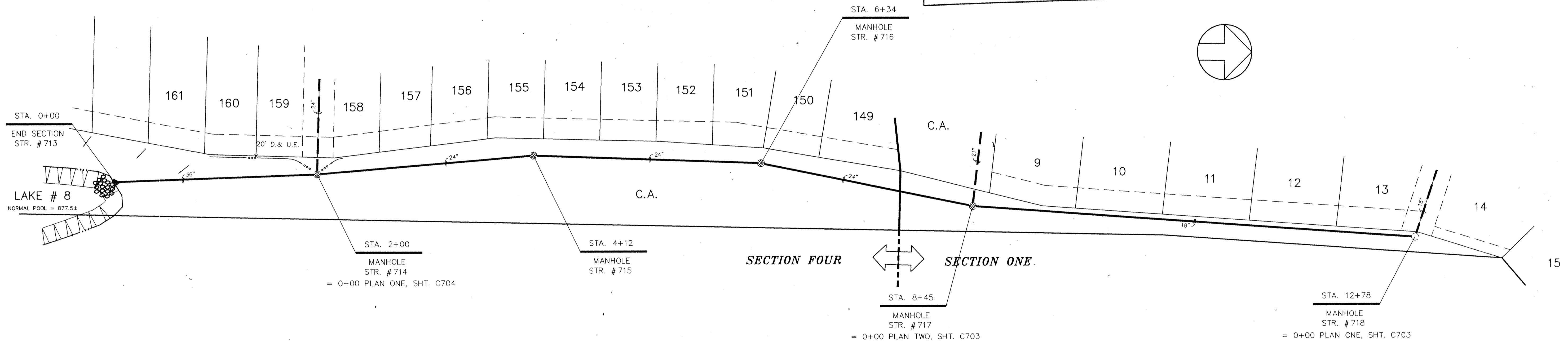


PROFILE ONE

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: 7-21-94

Entered by: JPH

PLAN ONE

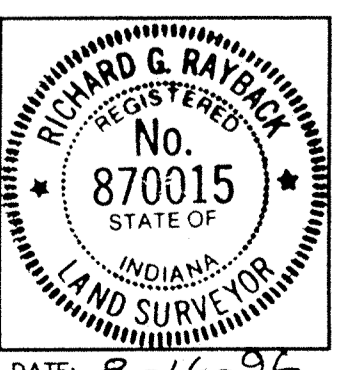
CERTIFICATION FOR "RECORD DRAWING"

CERTIFIED BY: *Richard C. Rayback*

SCHNEIDER ENGINEERING CORPORATION
3020 NORTH POST ROAD
INDIANAPOLIS, INDIANA 46226-0068
(317) 898-8282 FAX (317) 899-8010

NOTE: Record drawing certification only for top of casting, invert elevations, and lengths of pipe. Slope percentage represents actual slope and not the theoretical slope.

DATE: 8-16-96



STORM SEWER RECORD DRAWING

DON'T DIG BLIND

"HOLEY MOLEY" SEE



1-800-382-5544
CALL TOLL FREE
1-800-428-5200
FOR CALLS OUTSIDE OF INDIANA

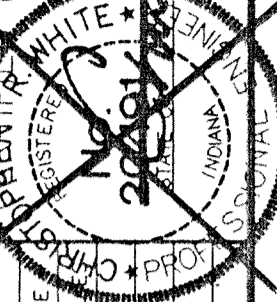
CAUTION:
LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE. (including, but not limited to, manholes, inlets, valves, & marks made upon the ground by others.) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

- NOTES:**
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 - ALL STORM DRAINAGE STRUCTURES (IE: MANHOLES, CURB INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCH WALLS SHALL BE TROWELED SMOOTH AND HAVE A BRUSHED FINISH.
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REVISIONS

REV. DATE	BY	NO.	DESCRIPTION
03/23/95	TJ	1	REVISED PLAN & PROFILE PIPE LAYOUT & INVERTS PER IN HOUSE CHECK. ALSO LAKE # 8 BEING MOVED. LOT # 8 REVISED IN MILL STORM SEWER RECORD DRAWING.
22 MAR 96	TJ	2	STORM SEWER RECORD DRAWING.

BY: *Richard C. Rayback*



DAVIS DEVELOPMENT, L.P.

3755 EAST 82nd ST., SUITE 120
INDIANAPOLIS, INDIANA 46240
OFFICE 317-595-2900
FAX 317-595-2930

PROJECT: THE VILLAGES SECTION ONE

TITLE: STORM SEWER PLAN & PROFILE

SCALE: VERT: 1"=5'
HORIZ: 1"=50'

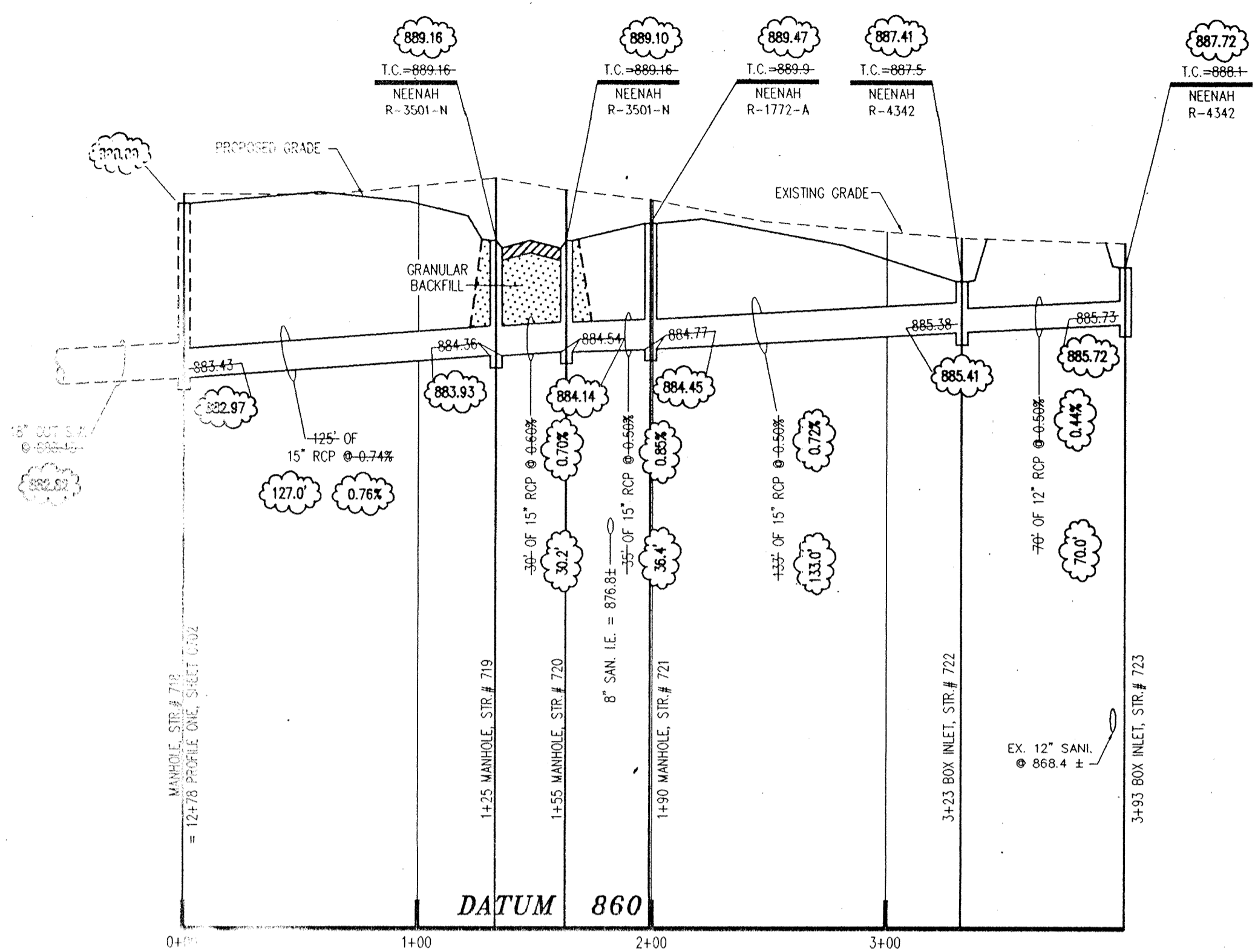
DATE: 09/23/94

DRAWN BY: *RJR*

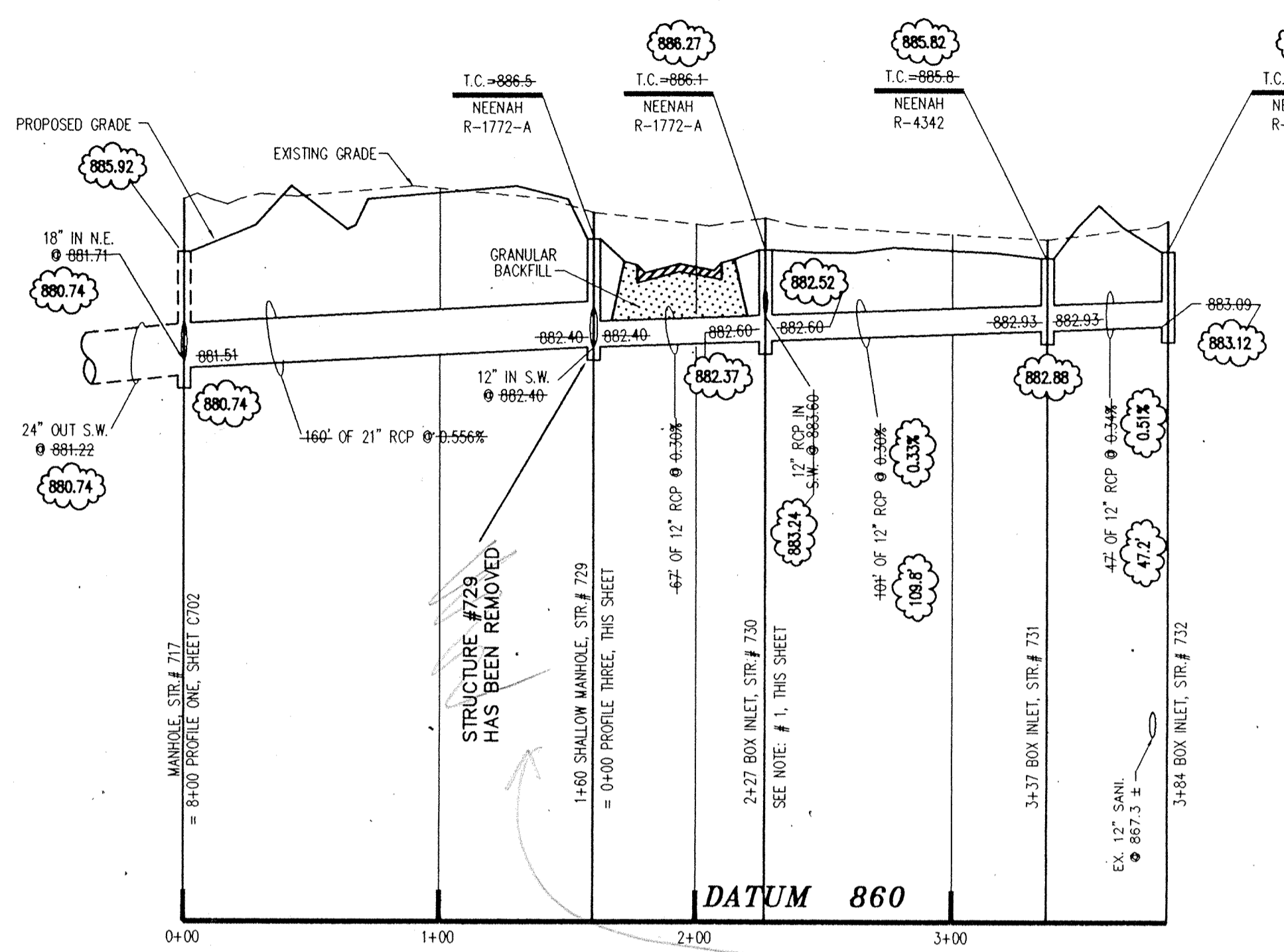
SHEET: 1 OF 2

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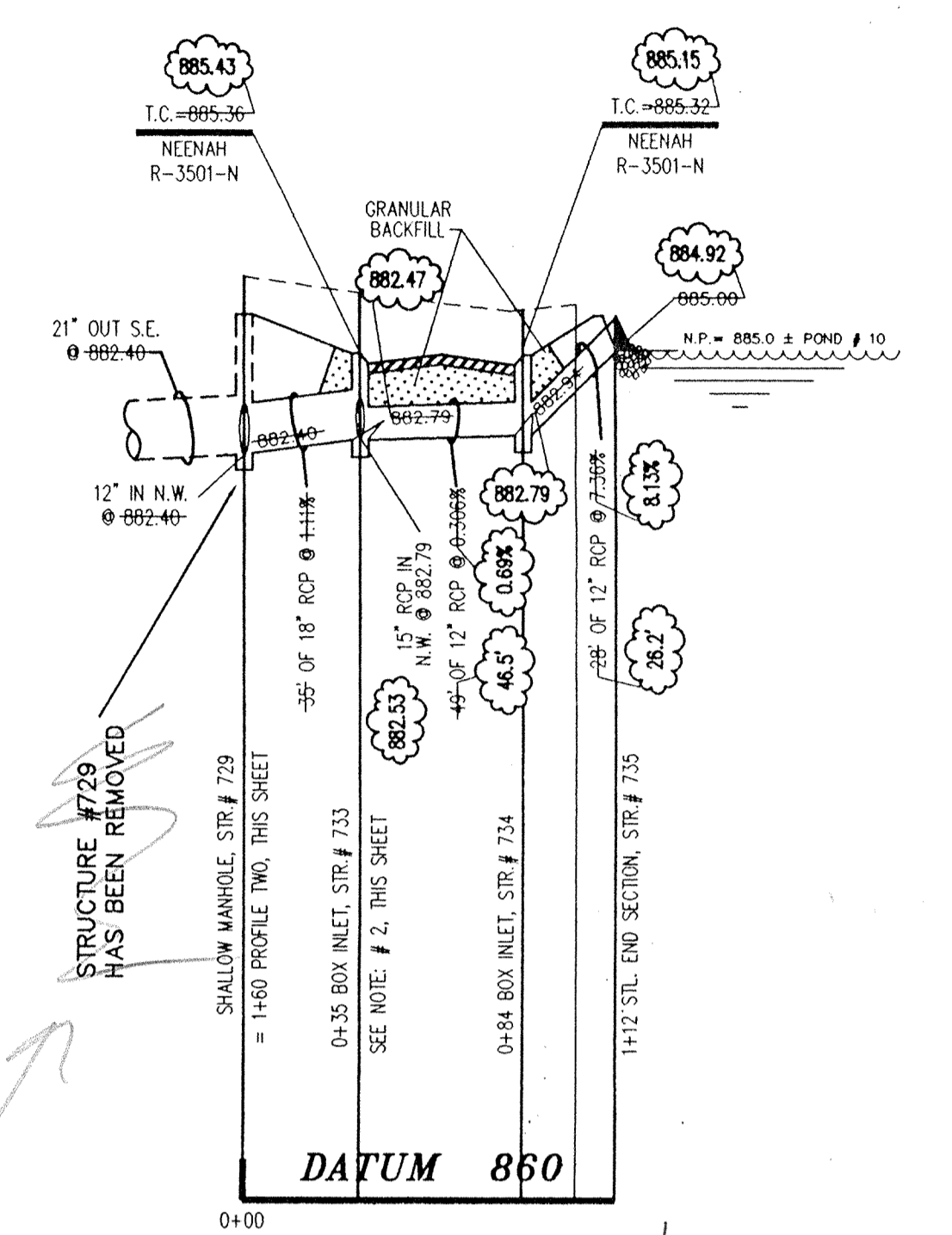
OFFICE OF HAMILTON COUNTY SURVEYOR



PROFILE ONE



PROFILE TWO



PROFILE THREE

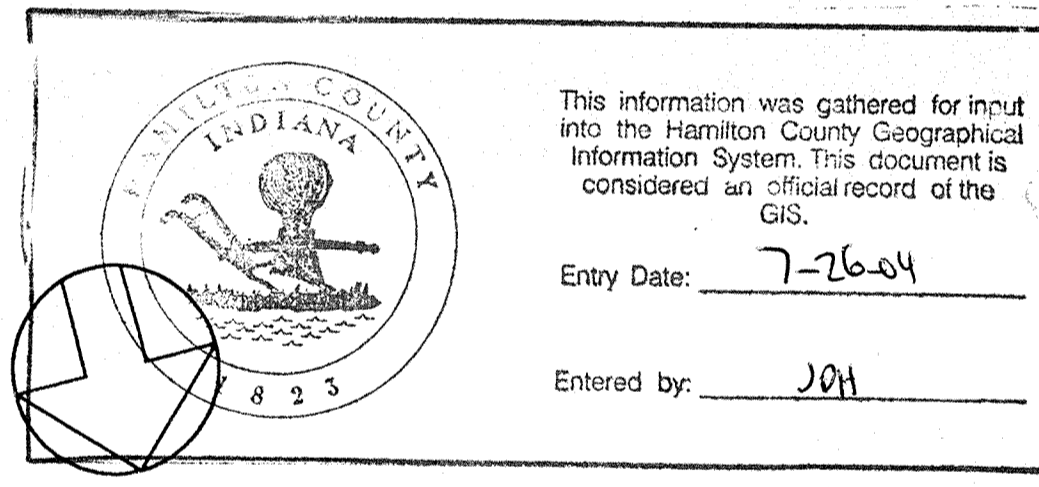
CERTIFICATION FOR "RECORD DRAWING"

CERTIFIED BY: *Richard G. Raback*

SCHNEIDER ENGINEERING CORPORATION
 3020 NORTH POST ROAD
 INDIANAPOLIS, INDIANA 46226-0068
 (317) 898-8282 FAX (317) 899-8010

NOTE:
 Record drawing certification only for top of casting. Invert elevations and lengths of pipe. Slope percentage represents a calculated figure and is for general information only.

DATE: 8/25/94



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: 7-26-94

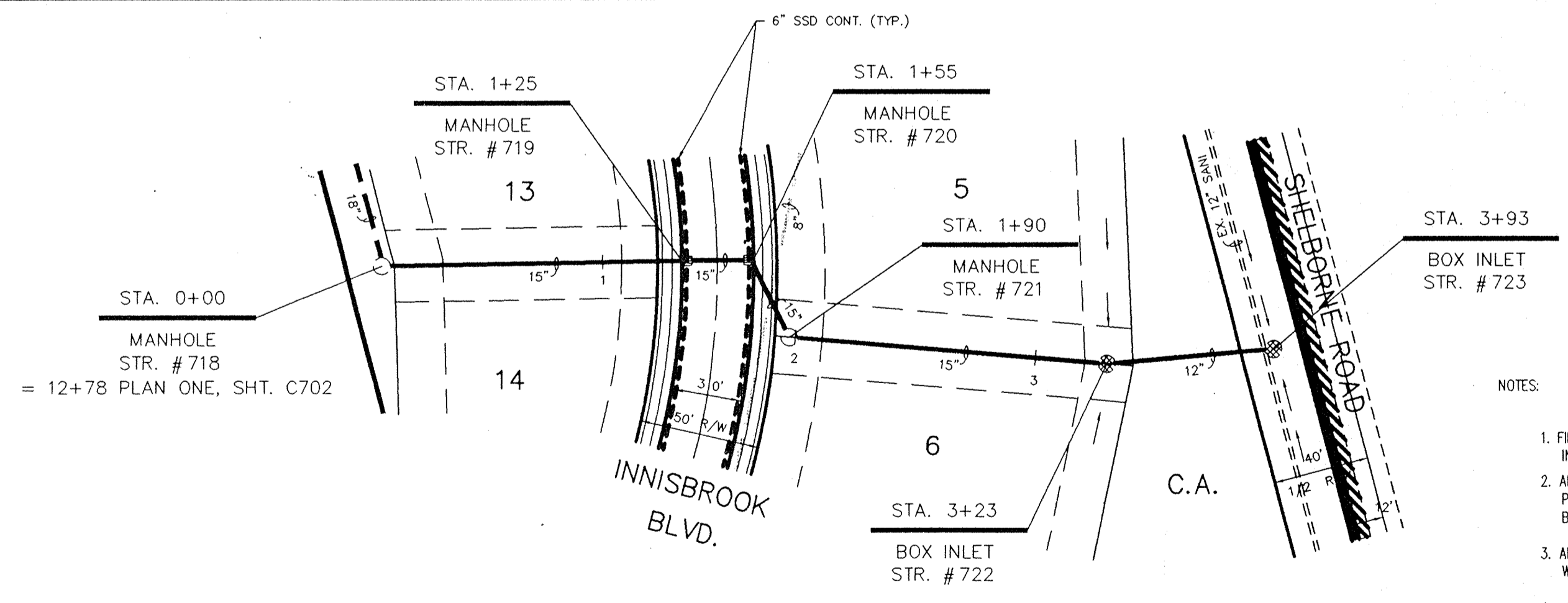
Entered by: JCH

DON'T DIG BLIND

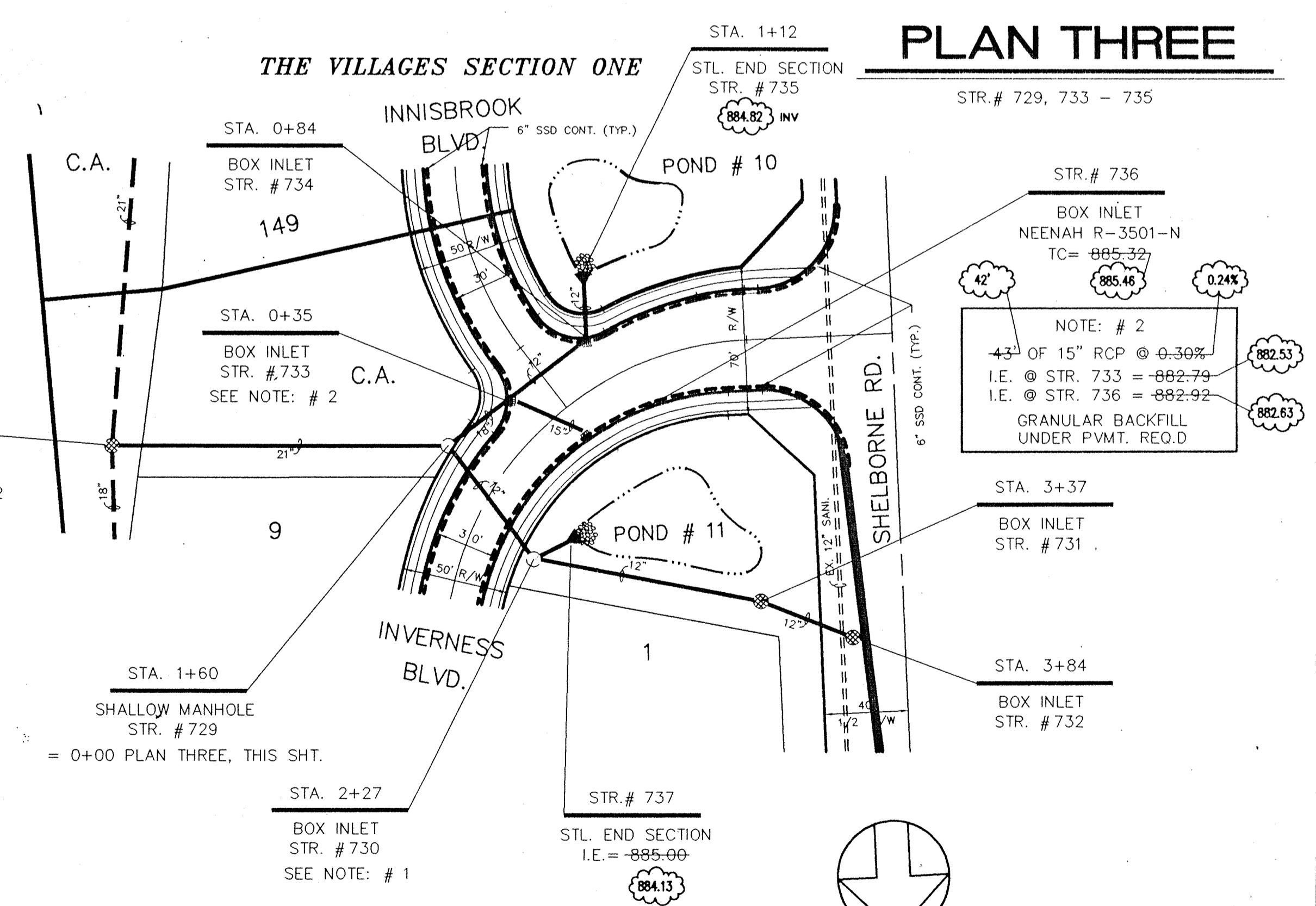
"HOLEY MOLEY"

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 CALL TOLL FREE
 1-800-428-5200
 FOR CALLS OUTSIDE OF INDIANA

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PLAN ONE



PLAN TWO

PLAN THREE

- NOTES:
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STORM SEWER RECORD DRAWING

PROJECT: THE ESTATES SECTION ONE

TITLE: STORM SEWER PLAN & PROFILE

DATE: 08/23/94

SCALE: VERT: 1"=5' HORIZ: 1"=50'

DRAWN BY: JCH

CHECKED BY: JCH

DESIGNED BY: JCH

APPROVED BY: JCH

REVISIONS:

No.	BY:	REV DATE:	REVISIONS
1	JCH	03/23/95	REVISED ENTIRE SHEET PER PIPE ALIGNMENT & POND ADDITIONS & LOT # CHANGES PER IN-HOUSE CHECKS
2	JCH	07/15/95	REVISED EMPTY PONDS PER WALL ALONG SHELBOURNE RD.
3	JCH	21 MAR 96	STORM SEWER RECORD DRAWING.

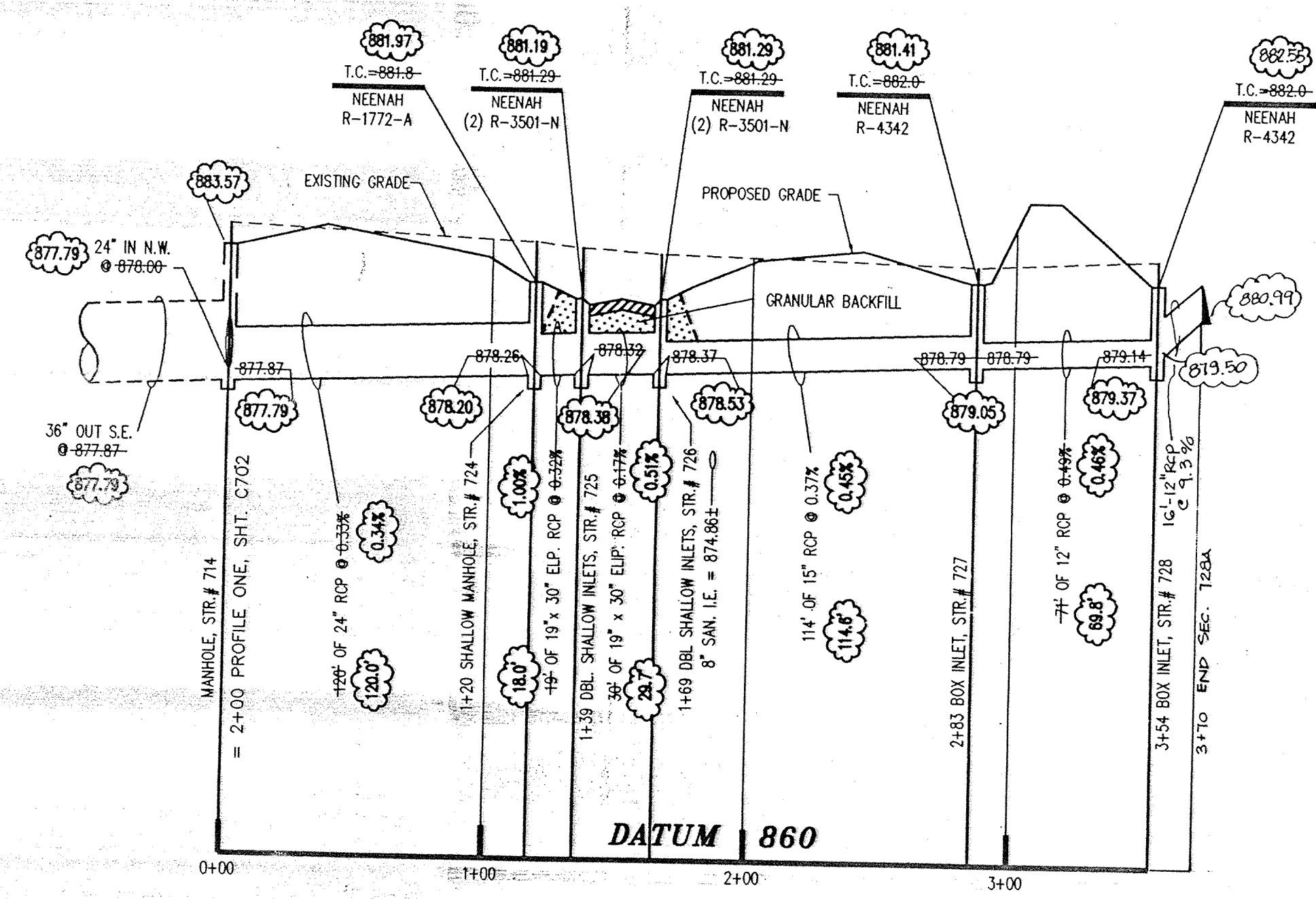
FILED

AUG 07 1994

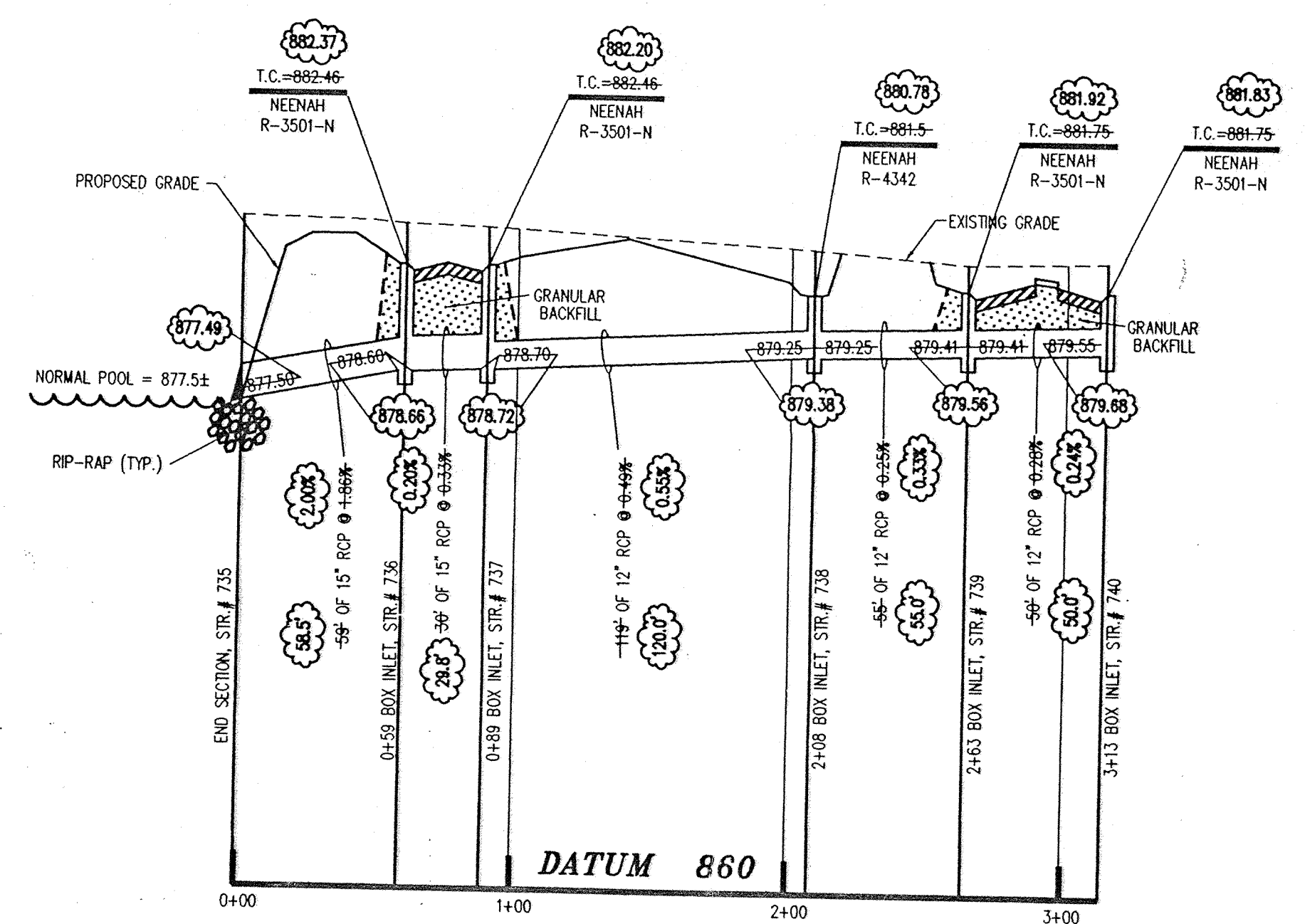
OFFICE OF HAMILTON COUNTY SURVEYOR

SHEET: C703

DAVIS HOMES, L.L.C.
 OFFICE 317-595-2900
 3755 EAST 82nd ST, SUITE 120
 INDIANAPOLIS, INDIANA 46240
 FAX 317-595-2930



PROFILE ONE



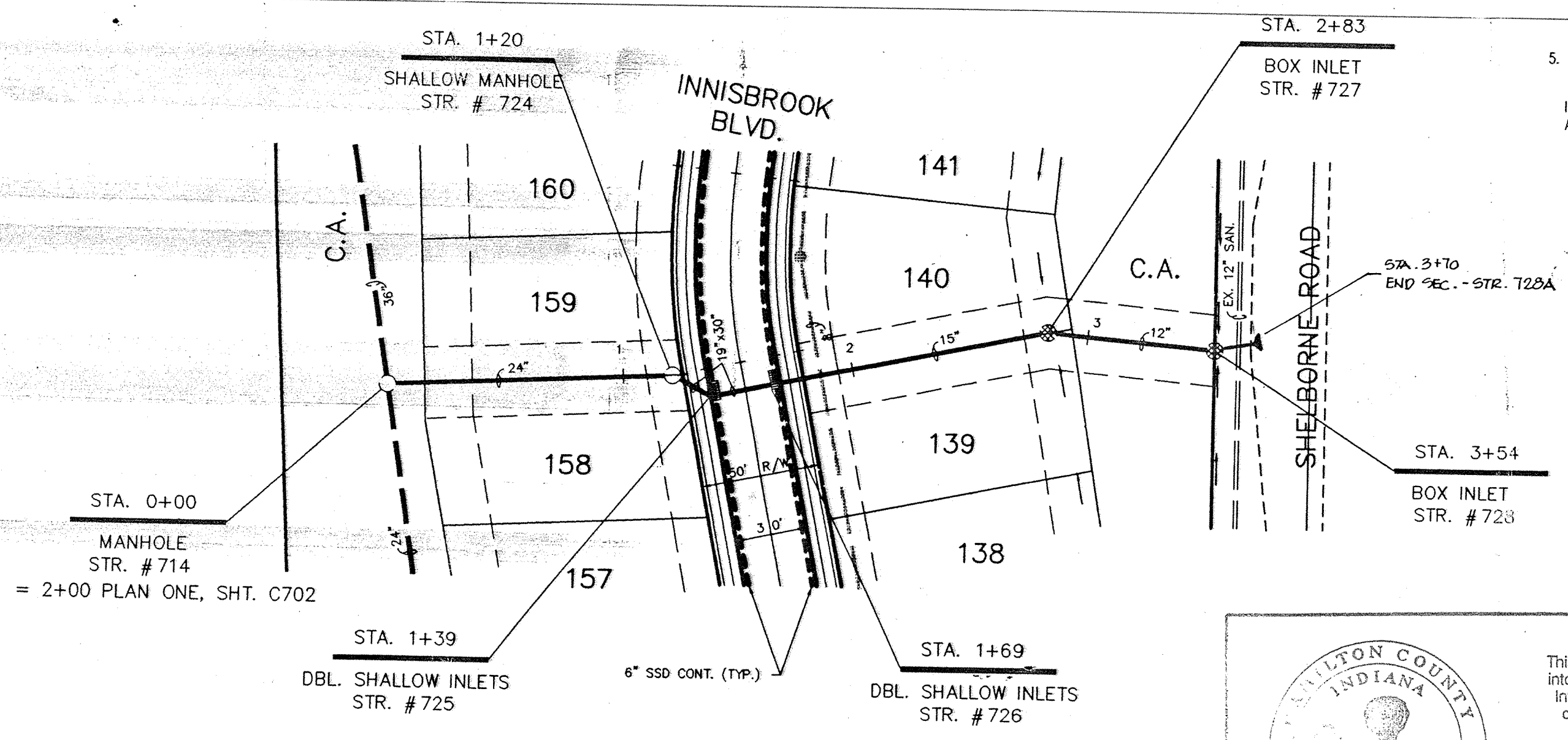
PROFILE TWO

- NOTES:
1. FIELD ADJUSTMENT BY ENGINEER MAY BE REQUIRED AT ALL OUTFALL POINTS TO INSURE PROPER OUTFALL CONDITIONS.
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 3. ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS AND PIPE CONNECTIONS WELL GROUTED, TROWELED SMOOTH AND BRUSH FINISHED.
 4. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS, FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
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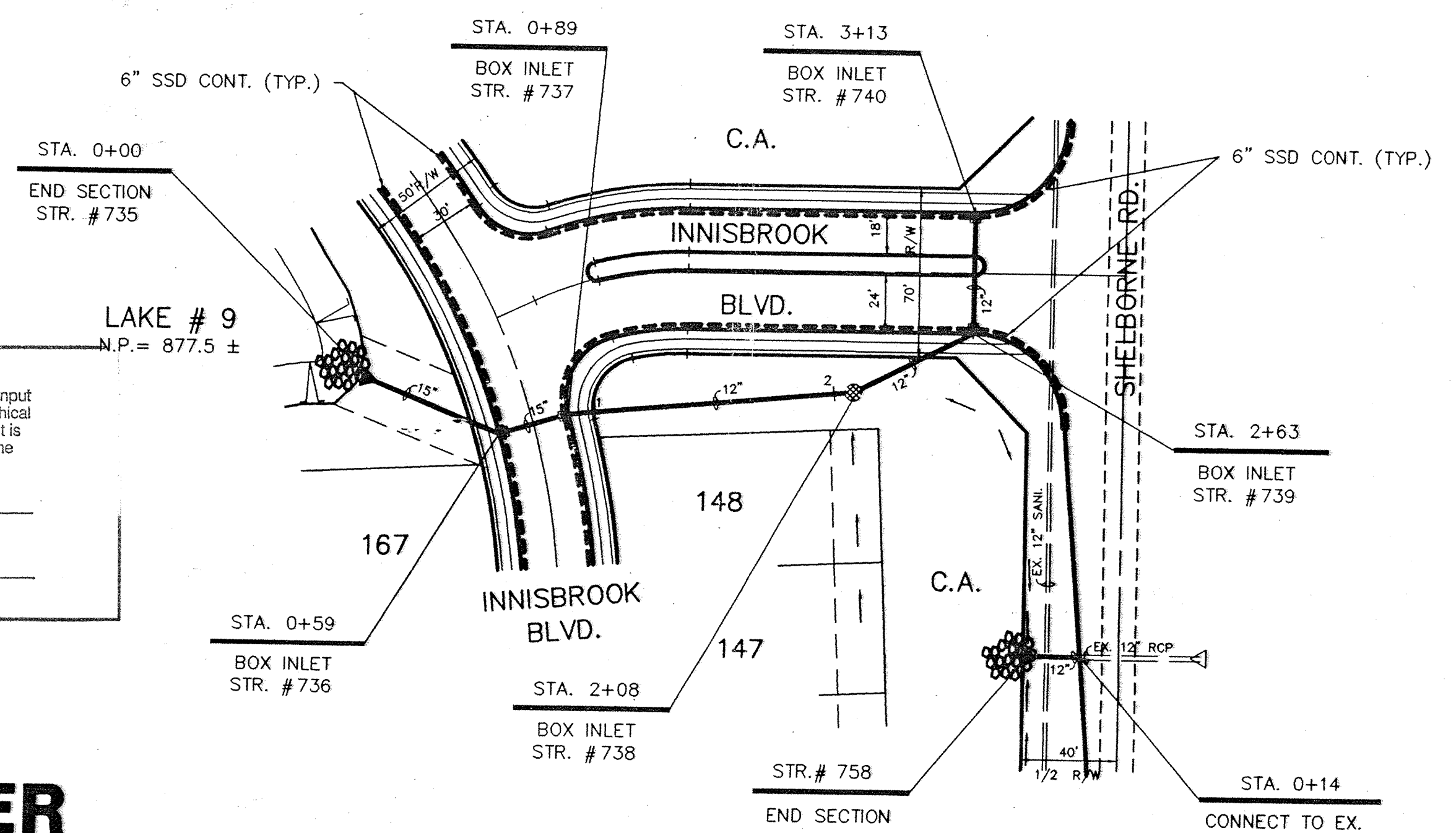
DON'T DIG BLIND

1-800-382-5544
CALL TOLL FREE
1-800-428-5200
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PLAN ONE



PLAN TWO

INDIANA COUNTY
INDIANA
1825

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: 7-22-04
Entered by: JDH

STORM SEWER RECORD DRAWING

CERTIFICATION FOR "RECORD DRAWING"

CERTIFIED BY: *Richard J. Raybuck*

SCHNEIDER ENGINEERING CORPORATION
3020 NORTH POST ROAD
INDIANAPOLIS, INDIANA 46228-0068
(317) 896-8282 FAX (317) 899-8010

NOTE:
Record drawing certification only for top of casting, invert, and elevation figures shown for general information only.

REGISTERED PROFESSIONAL ENGINEER
No. 870015
STATE OF INDIANA
LAND SURVEYOR

NOTE: # 1
20' OF 12" RCP @ 0.75%
I.E. @ EX. PIPE = 881.30
I.E. @ STR. 758 = 881.45
EX. 12" SANI @ 867.0 ±

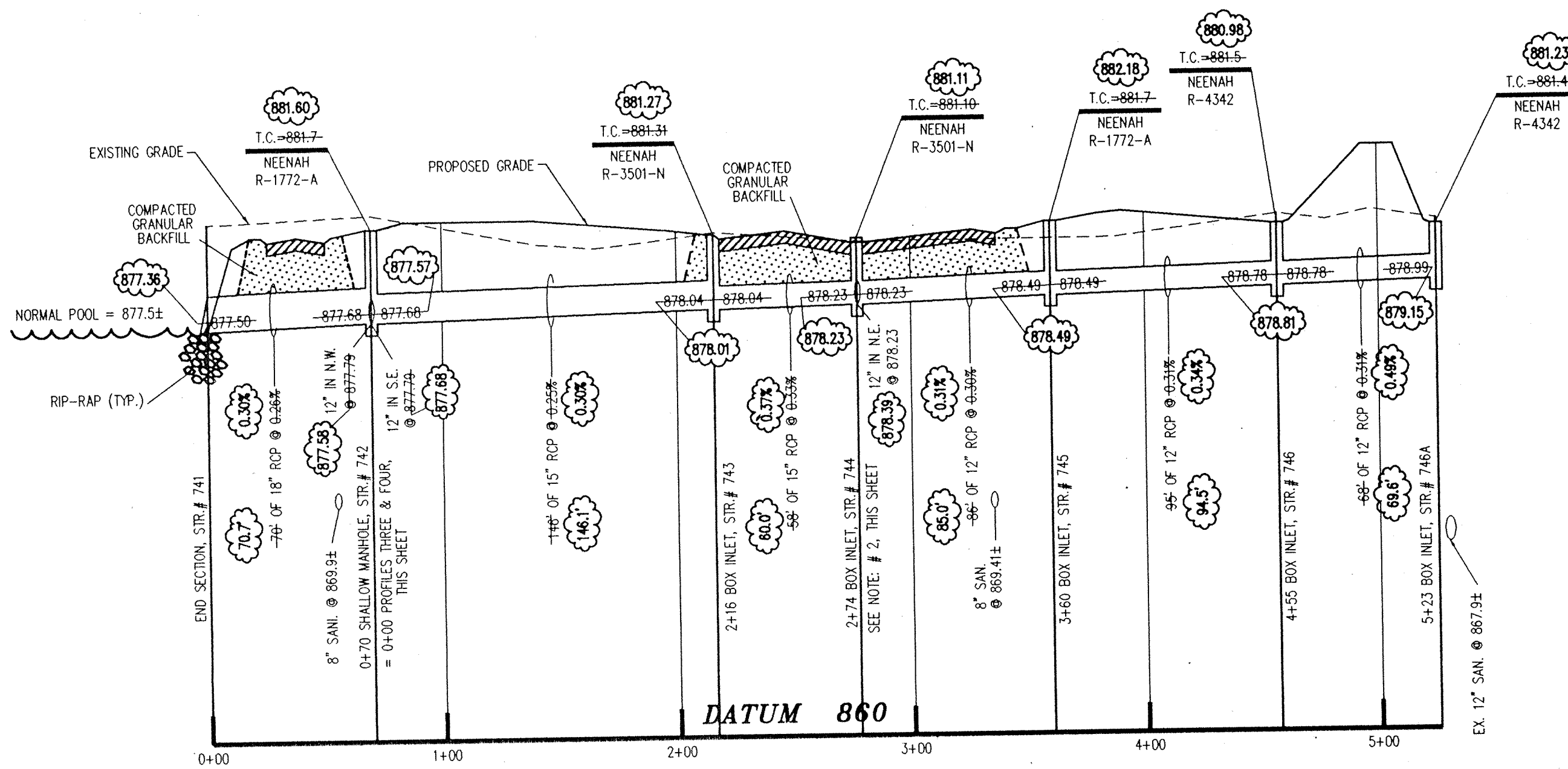
PROJECT: THE VILLAGES SECTION ONE
TITLE: STORM SEWER PLAN & PROFILE
DRAWN BY: JDH
DATE: 08/23/04
SCALE: 1"=50'
HORIZ: 1"=50'

REVISIONS

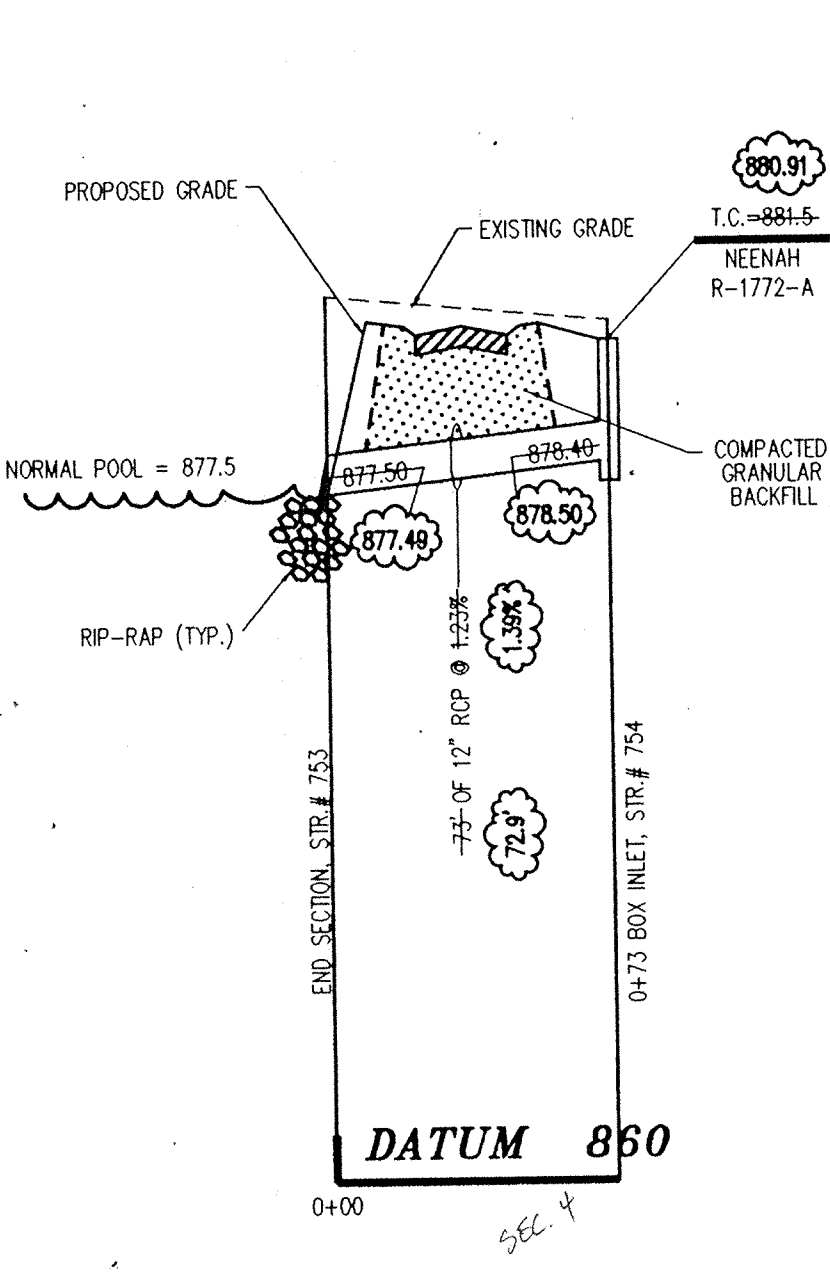
NO.	BY:	REV. DATE:	REVISIONS
1	JDH	03/23/05	REVISED PIPE TO EUP. BETWEEN STR. # 724 & 725
2	JDH	07/15/05	REVISED LOT # 8 PER IN HOUSE CHECK
3	JDH	22 MAR 06	REVISED PIPE SIZE THAT CROSSES SHELBORNE RD. PLAN TWO
4	JDH		STORM SEWER RECORD DRAWING.

APPROVED BY: *Richard J. Raybuck*

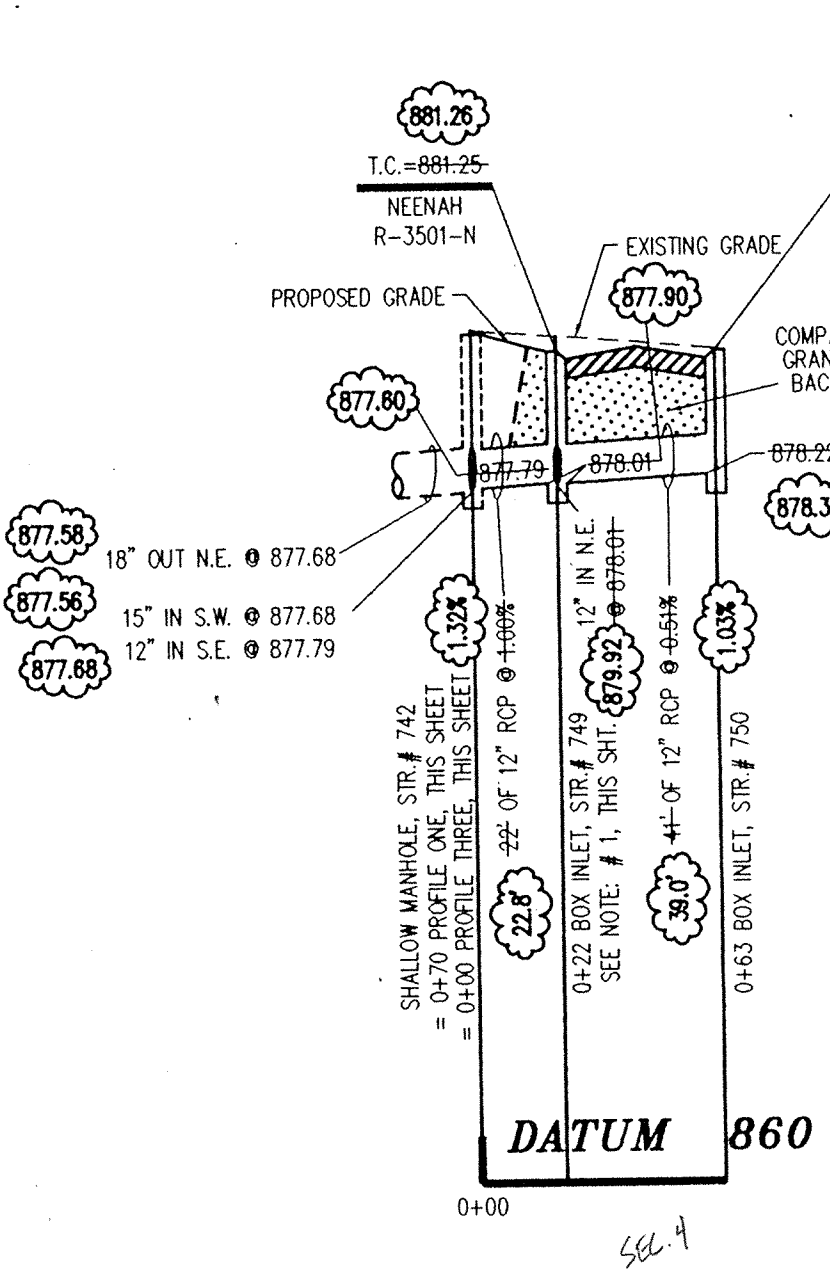
DAVIS HOMES, L.L.C.
3755 EAST 82nd ST. SUITE 120
INDIANAPOLIS, INDIANA 46240
OFFICE 317-595-2900
FAX 317-595-2930



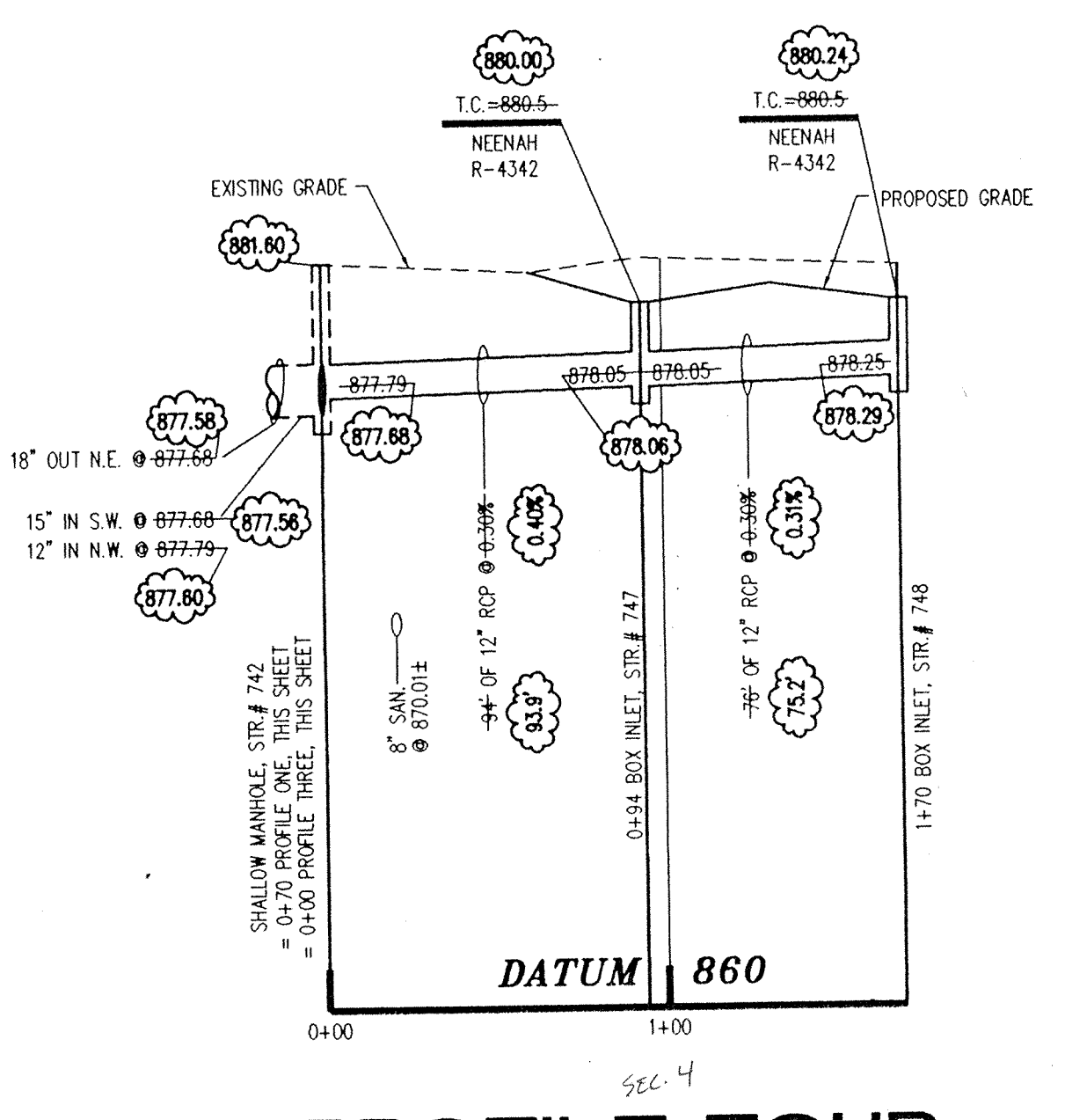
PROFILE ONE



PROFILE TWO



PROFILE THREE



PROFILE FOUR

NOTE: #1
 41' OF 12" RCP @ 1.20%
 I.E. @ STR. #751 = 878.50
 I.E. @ STR. #749 = 878.01
 GRAN. BACKFILL REQ'D.



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

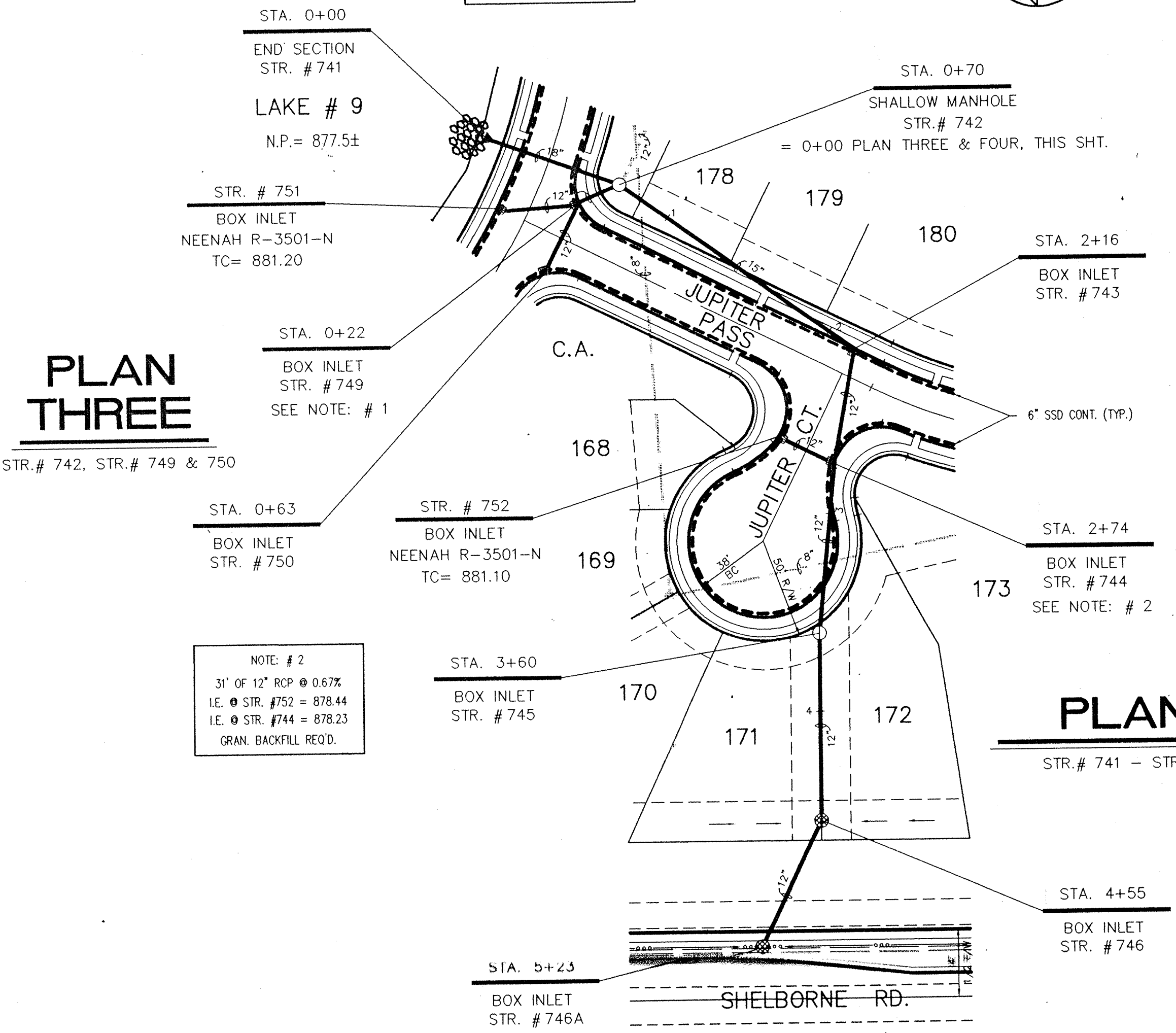
Entry Date: 7-22-94
 Entered by: JOH

CERTIFICATION FOR "RECORD DRAWING"

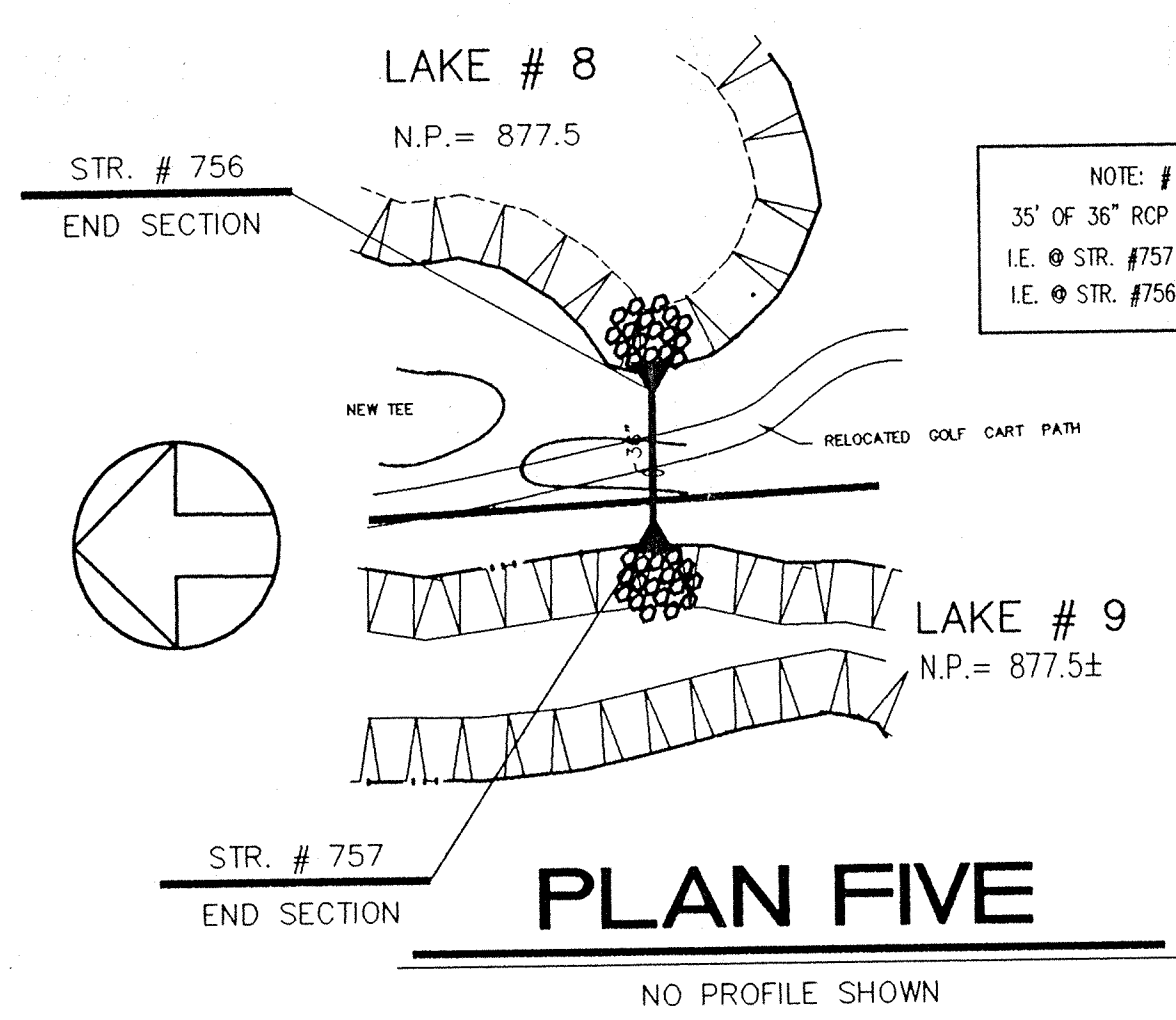
Richard J. Rayback
 CERTIFIED BY:
 SCHNEIDER ENGINEERING CORPORATION
 3020 NORTH POST ROAD
 INDIANAPOLIS, INDIANA 46228-0068
 (317) 688-8282 FAX (317) 689-8010

NOTE:
 Record drawing certification only for top of casting, invert elevations and lengths of pipe. Slope percentage represents a calculated figure and is for general information only.

RICHARD G. RAYBACK
 REGISTERED PROFESSIONAL LAND SURVEYOR
 No. 870015
 STATE OF INDIANA
 DATE: 8-16-96

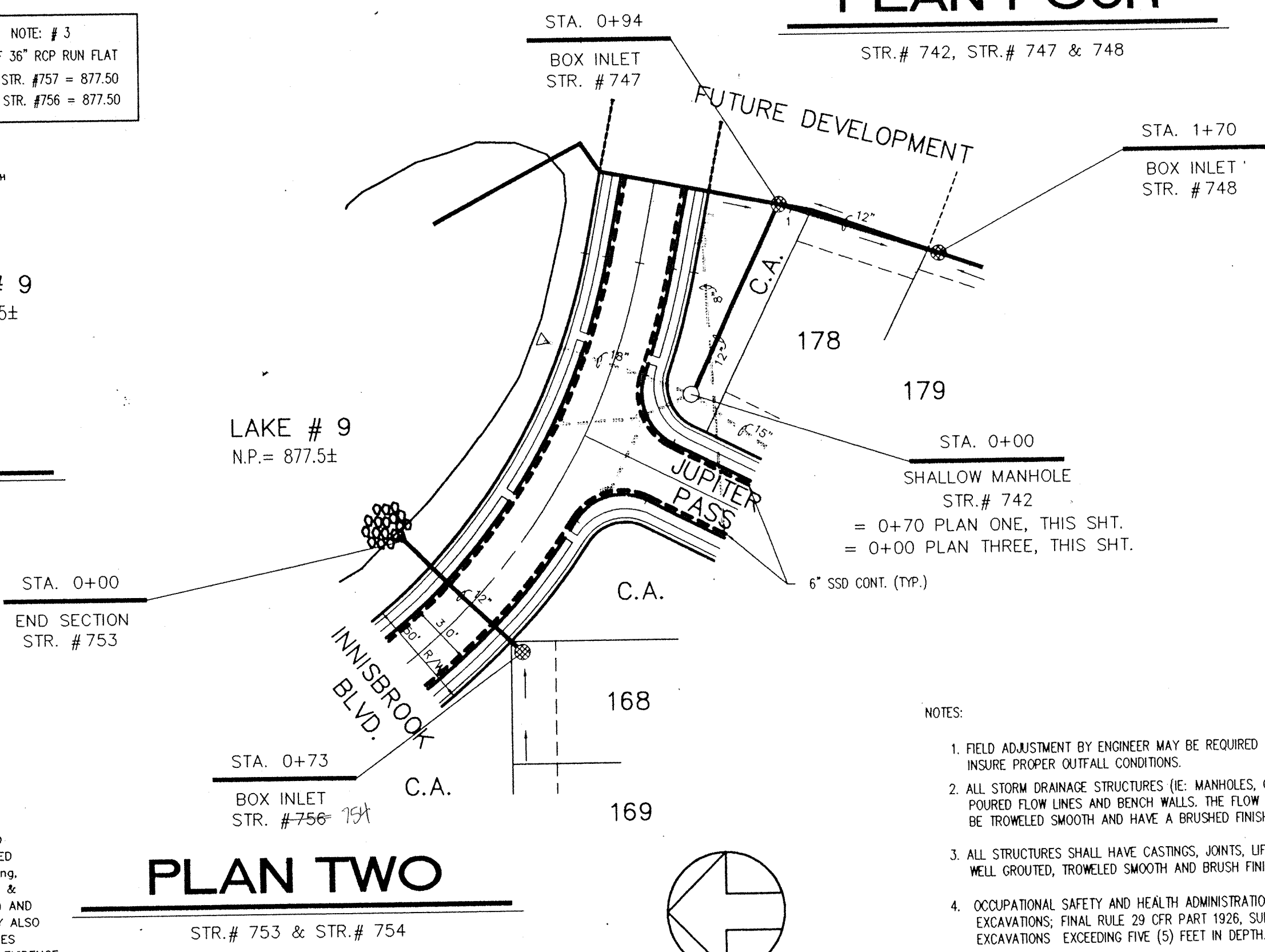


PLAN ONE



PLAN FIVE

NOTE: #3
 35' OF 36" RCP RUN FLAT
 I.E. @ STR. #757 = 877.50
 I.E. @ STR. #756 = 877.50



PLAN TWO

PLAN FOUR

STORM SEWER RECORD DRAWING



REVISIONS

NO.	BY	REV. DATE	REVISION
1		03/23/95	REVISED PIPE ADAPTER CT. PLAN & PROFILE ONE, REVISED LOT 45 PER IN-HOUSE CHECK
2		07/15/95	ADDED PIPE & STR. #748 TO PLAN & PROFILE ONE
3		22 MAR 96	STORM SEWER RECORD DRAWING

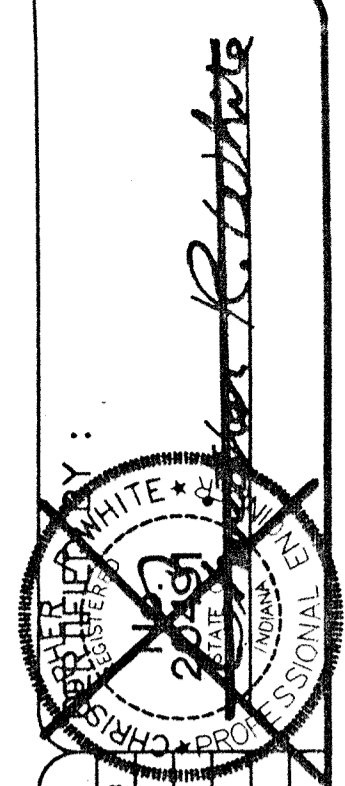
PROJECT: THE VILLAGES SECTION ONE
 TITLE: STORM SEWER PLAN & PROFILE
 DRAWN BY: [Signature]
 DATE: 08/23/94
 SCALE: VERT: 1"=5'
 HORZ: 1"=80'

DAVIS HOMES, L.L.C.
 3755 EAST 82nd ST, SUITE 120
 INDIANAPOLIS, INDIANA 46240
 OFFICE 317-595-2900
 FAX 317-595-2930



CAUTION:
 LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, & marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE IS AVAILABLE. THE CONTRACTOR SHALL VERIFY EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

- NOTES:
- FIELD ADJUSTMENT BY ENGINEER WILL BE REQUIRED AT ALL OUTFALL POINTS TO INSURE PROPER OUTFALL CONDITIONS.
 - ALL STORM DRAINAGE STRUCTURES (i.e. MANHOLES, CURB INLETS) SHALL HAVE POURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCH WALLS SHALL BE TROWELED SMOOTH AND HAVE A BRUSHED FINISH.
 - ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS AND PIPE CONNECTIONS WELL GROUTED, TROWELED SMOOTH AND BRUSH FINISHED.
 - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
 - IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE CONTRACTOR TO BE RESPONSIBLE FOR OBTAINING NECESSARY PROFESSIONAL APPROVALS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE ABOVE STATED REQUIREMENTS.



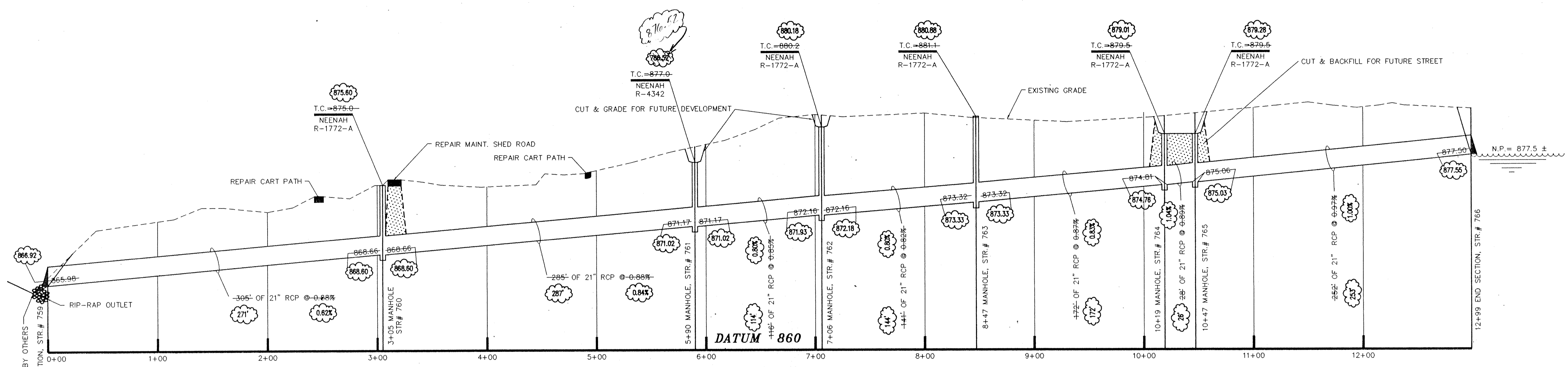
REVISIONS

No.	BY	REV. DATE	DESCRIPTION
1		07/15/95	REV. PIPE ALIGNMENT BETWEEN STRS 759 - 761 PER GOLF CLUB
2		25 MAR 96	STORM SEWER RECORD DRAWING
3		1/17/96	REV. TO 3/24/96

PROJECT: THE VILLAGES SECTION ONE
 TITLE: OFF-SITE STORM SEWER PLAN & PROFILE
 DRAWN BY: DATE: 09/23/94
 SCALE: VERT: 1"=5' HORZ: 1"=50'

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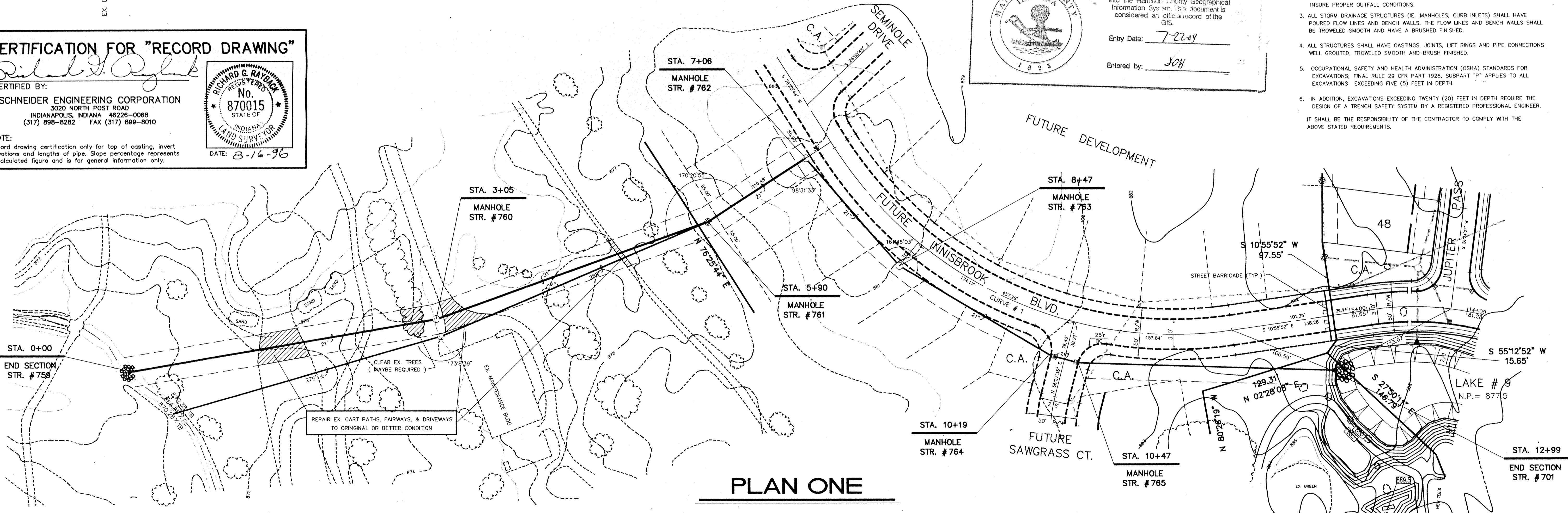


PROFILE ONE

Hamilton County, Indiana
 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: 7-22-94
 Entered by: JOH

- NOTES:
- 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.
 - ALL STORM DRAINAGE STRUCTURES (IE: MANHOLES, CURB INLETS) SHALL HAVE FLOURED FLOW LINES AND BENCH WALLS. THE FLOW LINES AND BENCH WALLS SHALL BE TROWELED SMOOTH AND HAVE A BRUSHED FINISH.
 - ALL STRUCTURES SHALL HAVE CASTINGS, JOINTS, LIFT RINGS AND PIPE CONNECTIONS WELL GROUTED, TROWELED SMOOTH AND BRUSH FINISHED.
 - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS: FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
 - IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE ABOVE STATED REQUIREMENTS.

CERTIFICATION FOR "RECORD DRAWING"
 Richard J. Rayburn
 CERTIFIED BY:
 SCHNEIDER ENGINEERING CORPORATION
 3020 NORTH POST ROAD
 INDIANAPOLIS, INDIANA 46226-0068
 (317) 898-8282 FAX (317) 899-8010
 REGISTERED PROFESSIONAL ENGINEER
 No. 870015
 STATE OF INDIANA
 LAND SURVEYOR
 DATE: 8-16-96



PLAN ONE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
# 1	400.00'	457.26'	257.28'	432.77'	S 43°40'48" W	65°29'52"

STORM SEWER RECORD DRAWING

"HOLEY MOLEY" SEZ
DON'T DIG BLIND
 1-800-382-5544
 CALL TOLL FREE
 1-800-428-5200
 FOR CALLS OUTSIDE OF INDIANA

CAUTION:
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