

Drain: CROOKED CREEK DRAIN Drain #: 250
 Improvement/Arm: ASHBROOKE - SECTION 1
 Operator: JDH Date: 11-24-03
 Drain Classification: Urban/Rural Year Installed: 1993

GIS Drain Input Checklist

- Pull Source Documents for Scanning JDH 11-24
- Digitize & Attribute Tile Drains N/A
- Digitize & Attribute Storm Drains JDH 11-25
- Digitize & Attribute SSD JDH 11-25
- Digitize & Attribute Open Ditch ~~JDH 11-25~~ Jmj 12-12
- Stamp Plans JDH 11-25
- Sum drain lengths & Validate JDH 11-25
- Enter Improvements into Posse JDH 11-25
- Enter Drain Age into Posse Jmj
- Sum drain length for Watershed in Posse Jmj
- Check Database entries for errors JDH 11-25

**Gasb 34 Footages for Historical Cost
Drain Length Log**

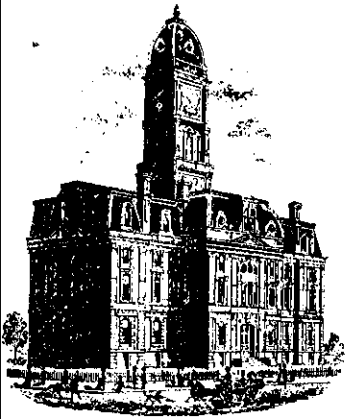
Drain-Improvement: CROOKED CREEK DRAIN - ASHBRIDGE - SECTION 4

Drain Type:	Size:	Length <small>SURVEYORS REPORT</small>	Length (DB Query)	Length Reconcile	ADDITIONAL	
					Price:	Cost:
SSD	4"	5,771'	5,771'	Ø	.75	4,328.25
	6"	2,427'	2,427'	Ø	2.00	4,854.00
RPC	12"	700'	700'	Ø	7.25	5,075.00
	15"	525'	525'	Ø	9.50	4,987.50
	18"	534'	534'	Ø	10.50	5,607.00
	24"	330'	330'	Ø	18.00	5,940.00
	33"	463'	463'	Ø	28.50	13,195.50
OPEN ATCH		80'	80'	Ø	19.55	1,564.00

Sum: 10,836 10,820' Ø \$45,551.25

Final Report: _____

Comments:



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square

Noblesville, Indiana 46060-2230

February 26, 1993

TO: Hamilton County Drainage Board

RE: Crooked Creek Drain, Ashbrooke Section 1 Arm

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Crooked Creek Drain-Ashbrooke Section 1 Arm. 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:

4" SSD	5771 ft.	18" RCP	534 ft.
6" SSD	2427 ft.	24" RCP	330 ft.
Open Ditch	80 ft.	33" RCP	463 ft.
12" RCP	700 ft.		
15" RCP	525 ft.		

The Total length of the drain will be 10,830 feet.

The open ditch shown in the above figures is that portion of the gabion spillway structure to the South line of the subdivision as platted.

Although the 4" SSD placed under some curb segments do not meet the County Standard for size, these segments will be included as regulated drain.

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:

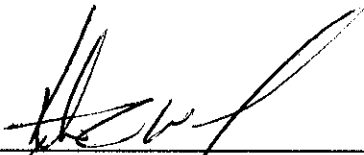
Lots 1-6, North side of Lots
Lots 35-42, South side of Lots
Lots 29-34, North side of Lots
4" SSD along West and South Line of Lot 27, South and East Line of Lot 28, and East side of Lot 42.

The retention pond (Lake #1) located along the West or North side of Lots 6-16 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 lake will be the responsibility of the Home Owners Association. The Board will however, retain jurisdiction for ensuring the storage volume for which the lake was designed will be retained. There by allowing no fill of easement encroachments.

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 \$30.00 per lot, \$5.00 per acre for roadways, with a \$30.00 minimum. With this assessment the total assessment for the drain this section, will be 1320⁰⁰

I recommend a hearing be set for April 19, 1993. If the hearing is approved, I recommend the Board approved the attached non-enforcement request for Crooked Creek Drain-Ashbrooke Section 1 Arm. I also recommend the Board classify this drain as an Urban Drain.



Kenton C. Ward
Hamilton County Surveyor

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

TO: HAMILTON COUNTY DRAINAGE BOARD
Z Hamilton County Surveyor, Courthouse, Noblesville, IN 46060

In the matter of Ashbrooke Subdivision,
Section One Drain Petition.

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain. The drainage will affect various lots in Ashbrooke Section One, a subdivision in Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

Petitioner believes that the cost, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land likely to be benefited thereby. Petitioner believes the proposed improvements will:

- (a) improve public health
- (b) benefit a public street
- (c) be of public utility

Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

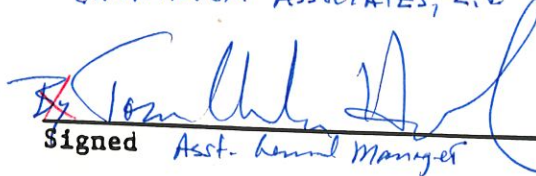
The Petitioner also agrees to the following:

1. To provide the Drainage Board a Performance Bond for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 100% of the Engineers estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
2. The Petitioner shall retain an Engineer throughout the construction phase. At completion of the project the Petitioner's Engineer shall certify that the drainage system which is to be maintained as a regulated drain has been constructed as per construction plans.

3. The Petitioner agrees to request in writing to the County Surveyor any changes from the approved plan and must receive written authorization from the County Surveyor prior to implementation of the change. All changes shall be documented and given to the Surveyor to be placed in the Drain File.
4. The Petitioner shall instruct his Engineer to provide a reproducible print on a 24" x 36" mylar of the final design of the Drainage System. This shall be submitted to the County Surveyor prior to the release of the Performance Bond.
- 5. The Petitioner shall comply with the Erosion Control Plan as as specified on the construction plans. Failure to comply with the Erosion Control Plan shall be determined by the Board as being an obstruction to the drainage system. The County Surveyor shall immediately install or repair the needed measures at Petitioners cost as per IC 36-9-27-46.

The Petitioner further requests that the Drain be classified as an Urban Drain.

CARWINION ASSOCIATES, L.P.


 Signed Asst. General Manager

Tom Charles Huston
 Printed Name

Signed _____

Printed Name _____

RECORDED OWNER(S) OF LAND INVOLVED

DATE _____


CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: HAMILTON COUNTY SURVEYOR

RE: ASHBROOKE SECTION 1

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, except for the following:
 - a. End section on structure #121 not in place.
 - b. Slope wall on structure #101 not installed.
 - c. Rip-rap not in place at south end of gabion and at structure numbers 101 and 121.

Signature:  Date: 8/7/91
Type or Printed Name: Richard A. Henderson
Business Address: Schneider Engineering Corp.
3020 North Post Road; Indianapolis, IN 46226
Telephone: (317) 898-8282



INDIANA REGISTRATION NUMBER

900081



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
July 24, 1996

To: Hamilton County Drainage Board

Re: Crooked Creek Drain
Ashbrooke Section 1

Attached are as-builts, certificate of completion & compliance and other information for Ashbrooke Section 1. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction of the drain there were not any significant changes made to the plans submitted with my report dated February 26, 1993. Therefore, the length of the drain remains at 10,830 feet.

Attached also is a non-enforcement for the drain which I recommend that Board approve at this time. The non-enforcement of easement was approved by the Board at it's meeting on April 19, 1993.

The bond or letter of credit from Brenwick Development Company was not required.

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

Sincerely,

Kenton C. Ward
Hamilton County Surveyor

KCW/ndw

SECTION 7 - 17N - 3E

ASHBROOKE SECTION 1

(CONSTRUCTION PLANS)

CLAY TOWNSHIP HAMILTON COUNTY, INDIANA

Developer:

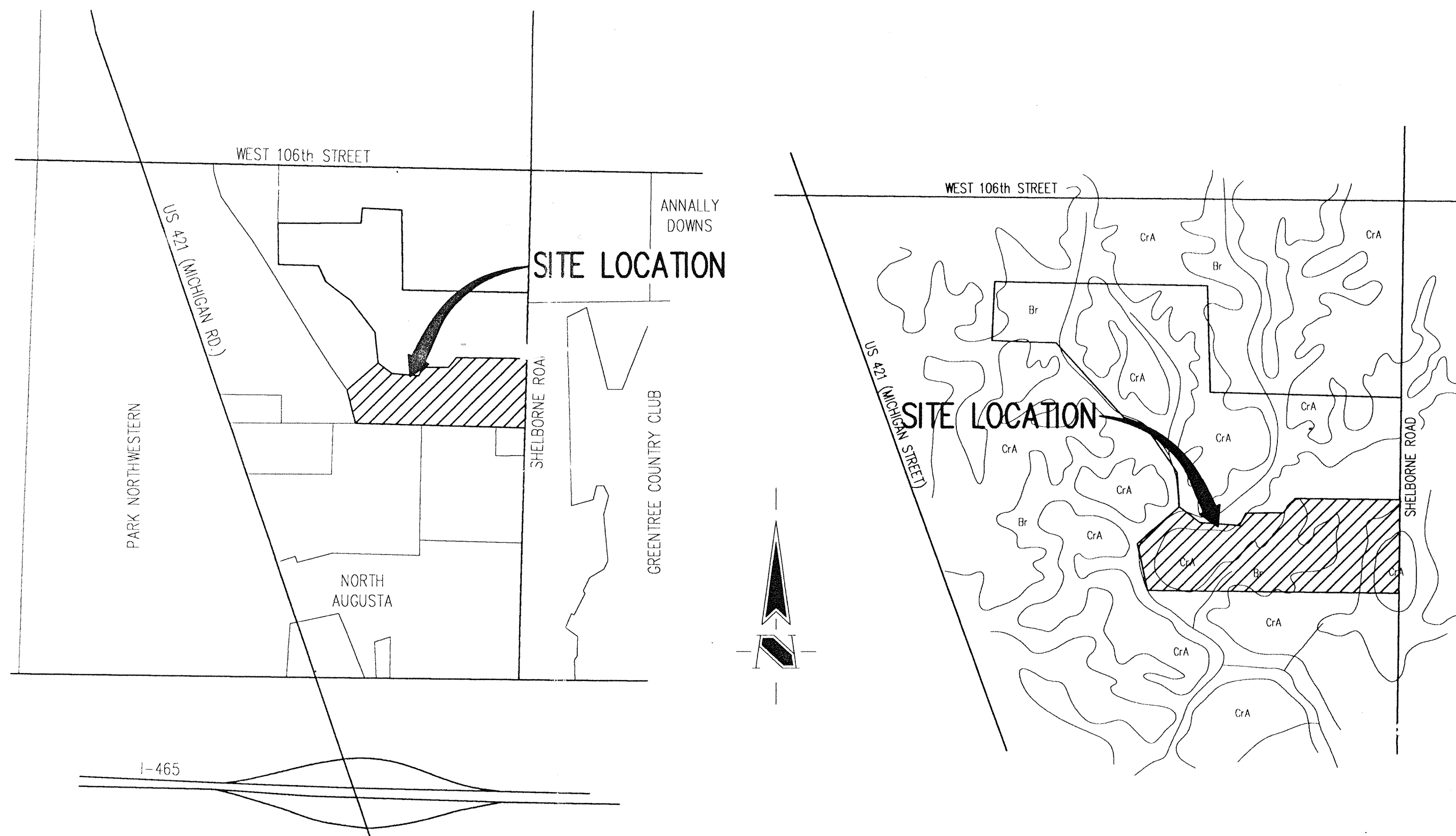
BRENWICK DEVELOPMENT CO., INC.

9502 ANGOLA COURT
INDIANAPOLIS, INDIANA 46268
(317) 841-9102

Engineer:

SCHNEIDER ENGINEERING CORP.

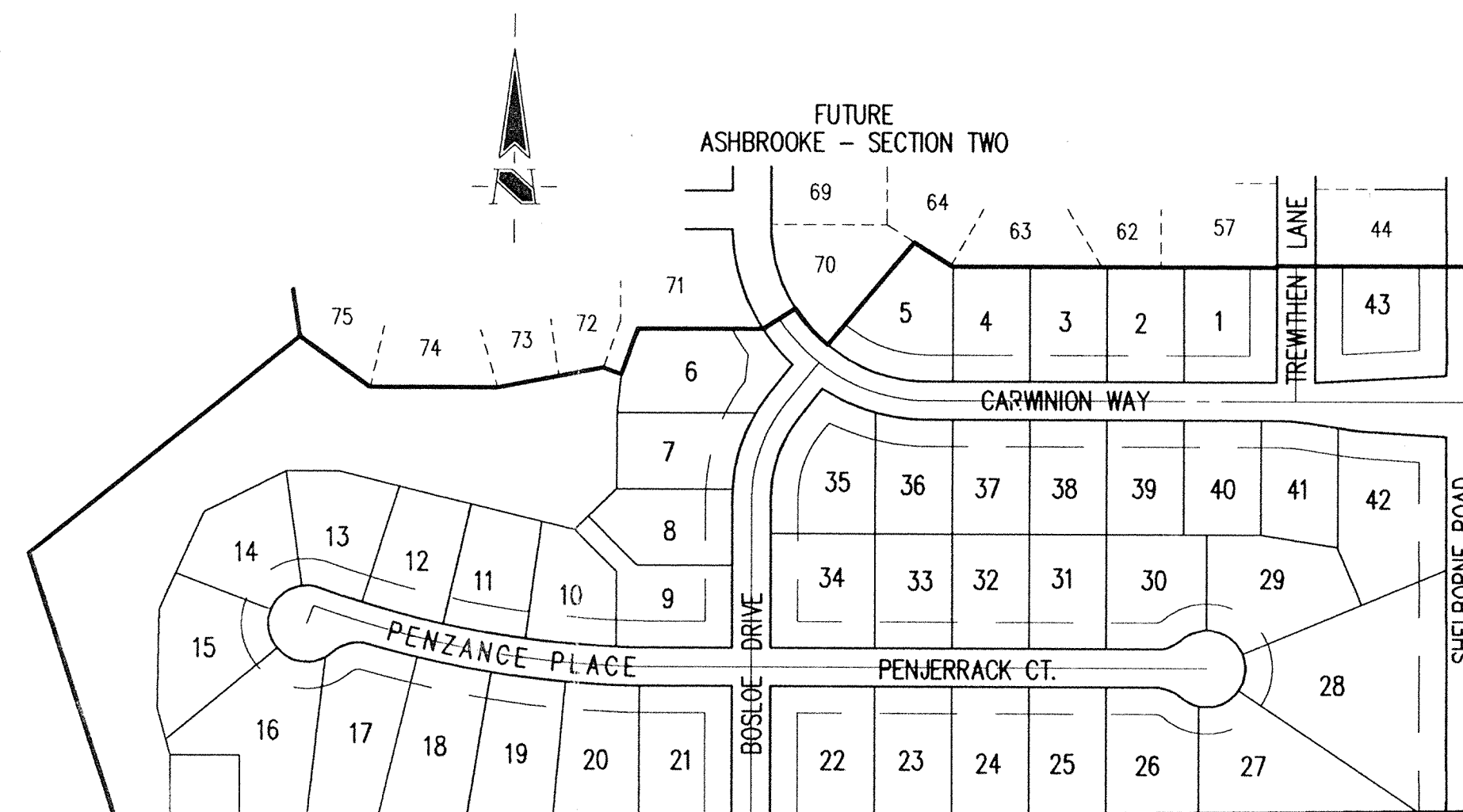
3020 NORTH POST ROAD
INDIANAPOLIS, INDIANA 46226
(317) 898-8282



AREA MAP
NOT TO SCALE

SOILS MAP
NOT TO SCALE

SOILS LEGEND
CrA - Crosby Silt Loom
Br - Brookston-Silty Clay Loom



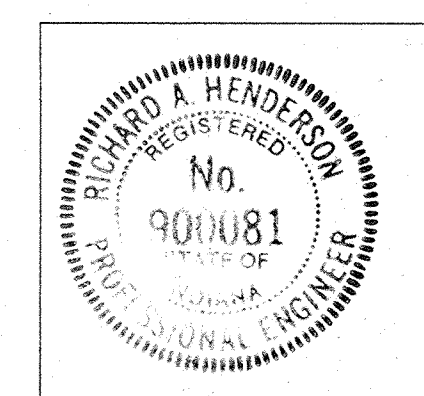
SITE MAP
SCALE: 1"=200'

INDEX	
SHEET No.	DESCRIPTION
S-1	TITLE SHEET
S-2	DEVELOPMENT PLAN (EAST HALF)
S-3	DEVELOPMENT PLAN (WEST HALF)
S-4	EROSION CONTROL PLAN (EAST HALF)
S-5	EROSION CONTROL PLAN (WEST HALF)
S-6-S-8	STREET PLAN
S-9	ENTRANCE PLAN
S-10	STREET DETAILS
S-11-S-13	SANITARY SEWER PLAN
S-14-S-15	STORM SEWER PLAN
S-16-S-17	GENERAL DETAILS
S-18	SPECIFICATIONS

The information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.
Entry Date: 11-25-03
Entered by: JDH

 Schneider Engineering Corporation
CIVIL ENGINEERS — LAND SURVEYORS

3020 NORTH POST ROAD
INDIANAPOLIS, INDIANA 46226-6518
(317) 898-8282



DATE: 5/28/91
CERTIFIED BY:  RICHARD A. HENDERSON

FILED
AUG 20 1991
OFFICE OF HAMILTON COUNTY SURVEYOR
(JOB No. 813.10)

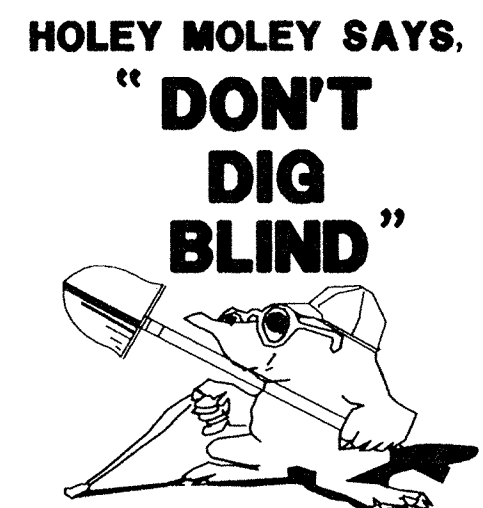
SHEET
S-1
OF
18

PROJECT ENGINEER: DKS

CHECKED BY: DATE CHECKED: 5-7-91

LEGEND

- Existing Storm Sewer
- New Storm Sewer
- Existing Sanitary Sewer
- New Sanitary Sewer
- Existing Contour
- Existing Elevation
- New Pavement Elevation
- All Other Finish Elevations
- Corrected Elevations
- Storm Structure Number
- Sanitary Structure Number
- Flow Arrow
- Denotes Elevation and Approximate Pad Size
-
-
-
-
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-
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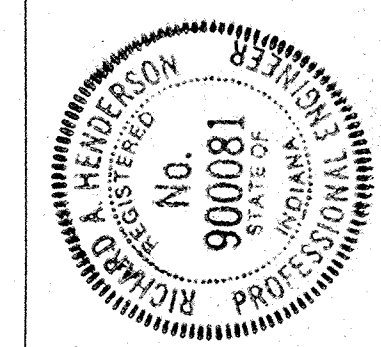


1-800-382-5544
CALL TOLL FREE
1-800-428-5200
FOR CALLS OUTSIDE OF INDIANA

LAKE #1
NORMAL POOL = 879.0
100 YR. FLOOD ELEV. = 883.7
FOR COMPLETE LAKE INFORMATION
SEE LAKE PLANS - JOB #813.00

ASSUMED NORTH
SCALE: 1"=50'

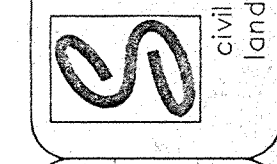
FOR DETAIL OF
ENTRANCE SEE
SHEET S-9



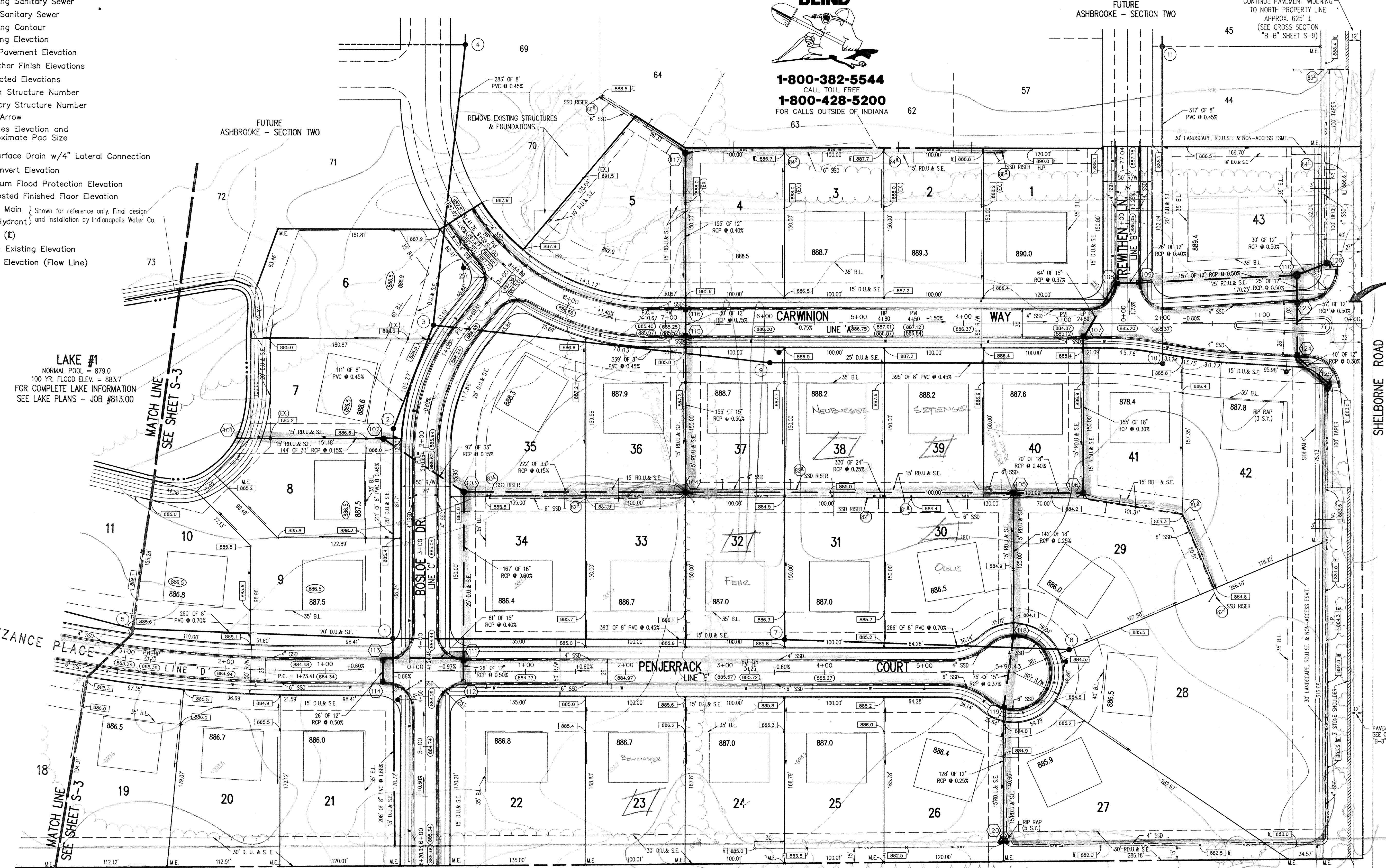
BY	DATE	CHECK NO.	BY	DATE	CHECK
	12-23-88				
	12-23-88				
	12-23-88				

REVISIONS

PROJECT ASBROOKE - SECTION ONE JOB NO. 813.10
PREPARED FOR SWEET & CO.
TITLE DEVELOPMENT PLAN
SCALE: 1"=50'



SCHNEIDER ENGINEERING CORPORATION
3020 NORTH POST ROAD
INDIANAPOLIS, INDIANA 46226-6516
civil engineers
land surveyors
P.O. BOX 26068
(317) 898-8282
CERTIFIED



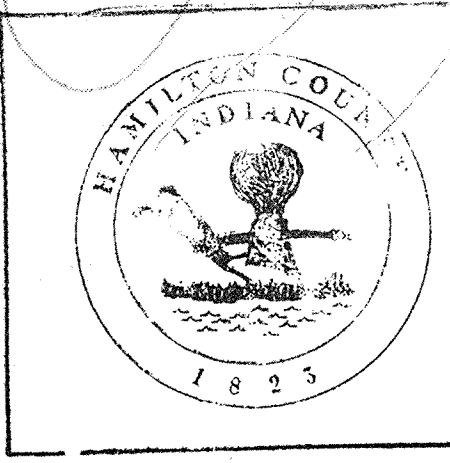
Benchmarks
NOTE:
The elevation datum used for this project was formulated to coincide with topographic mapping created from aerial photography. This mapping was prepared by a consultant using an incorrect elevation value for USCGCS Benchmark T-78. Since this mapping USCGCS Benchmark T-78 has been destroyed. Previous surveys have established that a discrepancy existed between USCGCS Benchmarks T-78 and S-78. The combination of these situations results in establishing an elevation datum based on an elevation value 1.12 feet greater than the published value for USCGCS benchmark S-78. The following benchmarks are established on site with values adjusted for use with this project only.

TBM 101
Top of railroad spike in centerline of Shelbourne Road approximately 1335 feet south of the centerline of 106th Street.
Elevation = 885.98

TBM 102
Top of boat spike in centerline of Shelbourne Road approximately 2600 feet south of the centerline of 106th Street.
Elevation = 885.42

TBM 103
P.K. nail in west side of power pole 1 foot up on the east side of Shelbourne Road approximately 2600 feet south of the centerline of 106th Street.
Elevation = 885.54

TBM 104
A cut square at the southeast corner of the concrete deck of a lift station on the south side of the subject site approximately 1600 feet west of the centerline of Shelbourne Road.
Elevation = 884.12



The information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.
Entry Date: 11-25-03
Entered by: JDM

TOPOGRAPHY BY
LOBO AERIAL SURVEYS
COLUMBUS, IN
DATED 12-23-88

NOTE:
FOR STORM AND SANITARY
SEWER STRUCTURE INFORMATION
SEE SHEET S-3.

FILED
AUG 20 1991
OFFICE OF HAMILTON COUNTY SURVEYOR

SHEET S-2 OF 18

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

ELECTRIC
PSI ENERGY
1441 N. GUILFORD AVE.
CARMEL, IN 46032
(317) 261-8296

TELEPHONE
INDIANA BELL TELEPHONE CO.
5858 NORTH COLLEGE AVENUE
INDIANAPOLIS, IN 46204
(317) 252-5878

STORM SEWER
HAMILTON COUNTY SURVEYOR
942 MAPLE AVENUE
NOBLESVILLE, IN 46060
(317) 776-9626

CABLE TV
JONES INTERCABLE
516 EAST CARMEL DRIVE
CARMEL, IN 46032
(317) 844-8877

STREETS
CITY OF CARMEL
11 FIRST AVENUE N.E.
CARMEL, IN 46032
(317) 846-7316

WATER
INDIANAPOLIS WATER CO.
1228 WATERWAY BLVD.
INDIANAPOLIS, IN 46286
(317) 263-6319

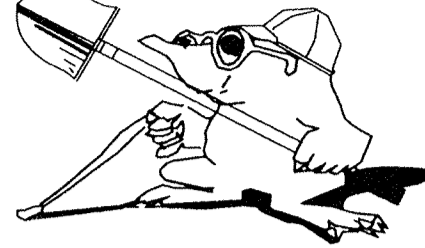
SANITARY SEWER
CLAY TOWNSHIP REGIONAL WASTE DISTRICT
10755 NORTH COLLEGE
INDIANAPOLIS, IN 46240
(317) 844-9200

UTILITY HOTLINE: WITHIN INDIANA 1-800-382-5544
OUTSIDE INDIANA 1-800-428-5200

The size and location of utilities are per plans and locations provided by the respective utility companies. All utility companies shall be notified prior to any excavation for field location of services.

HOLEY MOLEY SAYS.

"DON'T
DIG
BLIND"



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

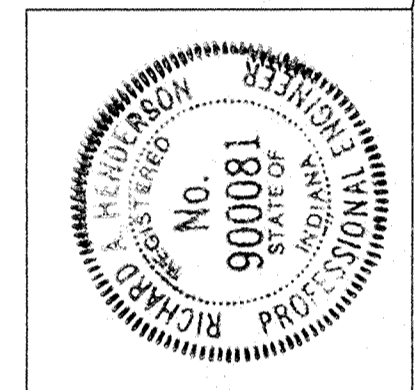
○ SANITARY SEWER TABLE

STR #	STA	BASE LINE	OFFSET	LT/RT	TYPE	TC	INVERTS
EX. MH.	6+00	C	30'±	RT	EXIST. MANHOLE	884±	EX. INV. - (E & W) INV. - 869.00(N) INV. - 872.40(S) INV. - 872.50(N) INV. - 874.30(E & W)
1	3+92	C	33'	RT	MANHOLE	885.0	
2	1+84	C	34'	RT	MANHOLE	886.5	INV. - 873.45(S) INV. - 873.55(N)
3	0+87	C	30'	RT	MANHOLE	886.8	INV. - 874.05(S) INV. - 874.15(N) INV. - 875.80(E)
4	11+20	A	40'	RT	MANHOLE	887.3	INV. - 875.42(S) INV. - 875.52(N & W)
5	2+97	D	30'	RT	MANHOLE	885.9	INV. - 876.12(E) INV. - 876.22(W)
6	6+05	D	28'	RT	MANHOLE	885.2	INV. - 878.33
7	3+60	E	33'	LT	MANHOLE	886.1	INV. - 876.07(W) INV. - 876.17(E)
8	6+46	E	23'	LT	MANHOLE	884.8	INV. - 878.17
9	5+95	A	40'	LT	MANHOLE	887.0	INV. - 877.33(W) INV. - 877.43(E)
10	2+00	A	40'	LT	MANHOLE	886.8	INV. - 879.21(W) INV. - 879.31(N)
11	2+77	B	35'	RT	MANHOLE	890.3	INV. - 880.74(S) INV. - 880.84(N)

○ STORM SEWER TABLE

STR #	STA	BASE LINE	OFFSET	LT/RT	TYPE	TC	INVERTS
101	1+97	C	190'	RT	SLOPE WALL		INV. - 879.00
102	1+93	C	43'	RT	MANHOLE	886.7	INV. - 879.22(E & W)
103	2+45	C	38'	LT	MANHOLE	885.5	INV. - 879.37(E & W) INV. - 879.37(S)
104	6+80	A	170'	LT	BEEHIVE INLET	884.0	INV. - 879.70(E & W) INV. - 881.20(N)
105	3+50	A	170'	LT	BEEHIVE INLET	883.7	INV. - 880.53(E & W) INV. - 880.53(S)
106	2+80	A	170'	LT	BEEHIVE INLET	883.3	INV. - 880.81(N & W)
107	2+80	A	15'	LT	CURB INLET	885.06	INV. - 881.28(N & S)
108	0+40	B	13'	LT	CURB INLET	884.70	INV. - 881.52(E & S)
109	0+40.79	B	13'	RT	CURB INLET	884.70	INV. - 881.62(E & W)
110	0+65	A	49'	RT	MANHOLE	886.8	INV. - 882.41 (W & S & E)
111	0+38	E	13'	LT	CURB INLET	884.00	INV. - 880.37(N & W) INV. - 880.37(S)
112	0+38	E	13'	RT	CURB INLET	884.00	INV. - 880.37
113	0+42	D	13'	RT	CURB INLET	884.00	INV. - 880.69(E & S)
114	0+43	D	13'	LT	CURB INLET	884.00	INV. - 880.82
115	6+80	A	15'	LT	CURB INLET	885.49	INV. - 881.98(S) INV. - 882.23(N)
116	6+80	A	15'	RT	CURB INLET	885.49	INV. - 882.46(S & N)
117	6+80	A	170'	RT	BEEHIVE INLET	885.7	INV. - 883.08
118	5+90	E	38'	LT	CURB INLET	883.80	INV. - 880.89(S & N)
119	5+80	E	36.54'	RT	CURB INLET	883.70	INV. - 881.17(S & N)
120	5+80	E	164'	PT	END SECTION		INV. - 881.49
121	7+65	D	21'	RT	END SECTION		INV. 879.00
122	6+15.19	D	24.18'	RT	CURB INLET	882.44	INV. - 879.45
123	0+65	A	23.51'	RT	CURB INLET	882.44	INV. - 882.54 (N & S)
124	0+65	A	33.54'	LT	CURB INLET	882.44	INV. - 882.83 (N & S)
125	0+34	A	59'	LT	END SECTION		INV. - 882.95
126	0+35	A	60'	RT	BEEHIVE INLET	885.5	INV. - 882.98

ASSUMED NORTH
SCALE: 1"=50'



TOPOGRAPHY BY
LOBO AERIAL SURVEYS
COLUMBUS, IN
DATED 12-23-88

Benchmarks

NOTE:

The elevation datum used for this project was formulated to coincide with topographic mapping created from aerial photography. This mapping was prepared by a consultant using an incorrect elevation value for USCGS Benchmark T-70. Since this mapping USCGS Benchmark T-70 has been destroyed. Previous surveys have established that a discrepancy existed between USCGS Benchmarks T-70 and S-70. The combination of these situations results in establishing an elevation datum based on an elevation value 1.12 feet greater than the published value for USCGS Benchmark S-70. The following benchmarks are established on site with values adjusted for use with this project only.

TBM 101

Top of railroad spike in centerline of Shelbourne Road approximately 1335 feet south of the centerline of 106th Street.
Elevation = 890.98

TBM 102

Top of boat spike in centerline of Shelbourne Road approximately 2600 feet south of the centerline of 106th Street.
Elevation = 885.42

TBM 103

P.K. nail in west side of power pole 1 foot up on the east side of Shelbourne Road approximately 2600 feet south of the centerline of 106th Street.
Elevation = 885.54

TBM 104

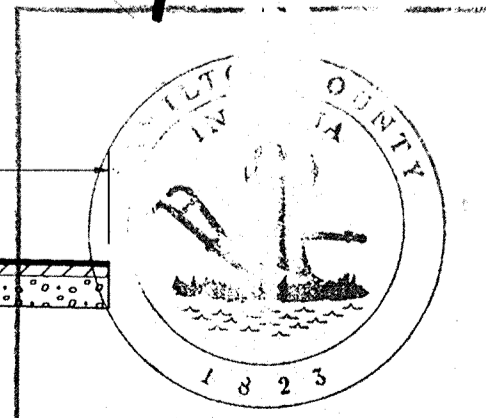
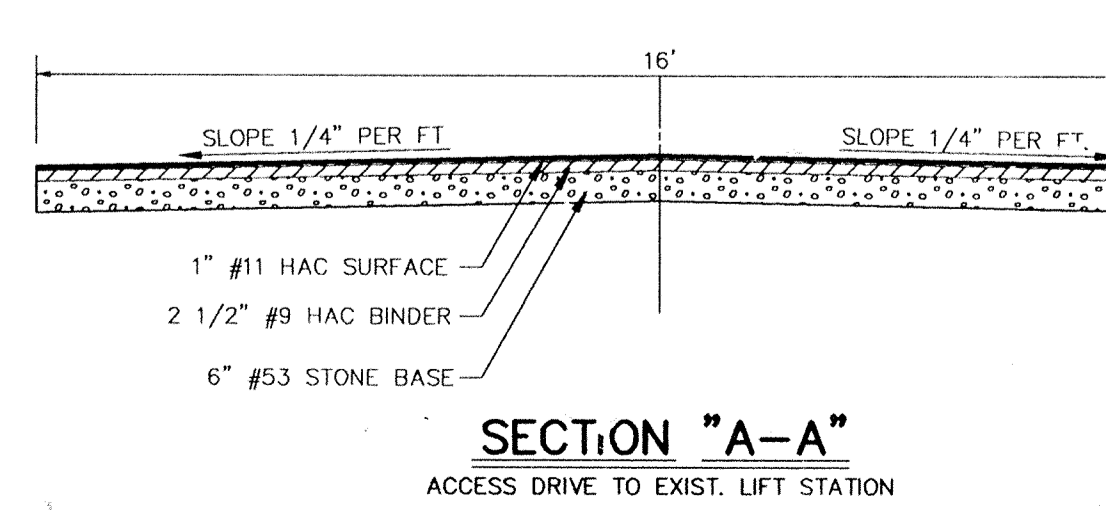
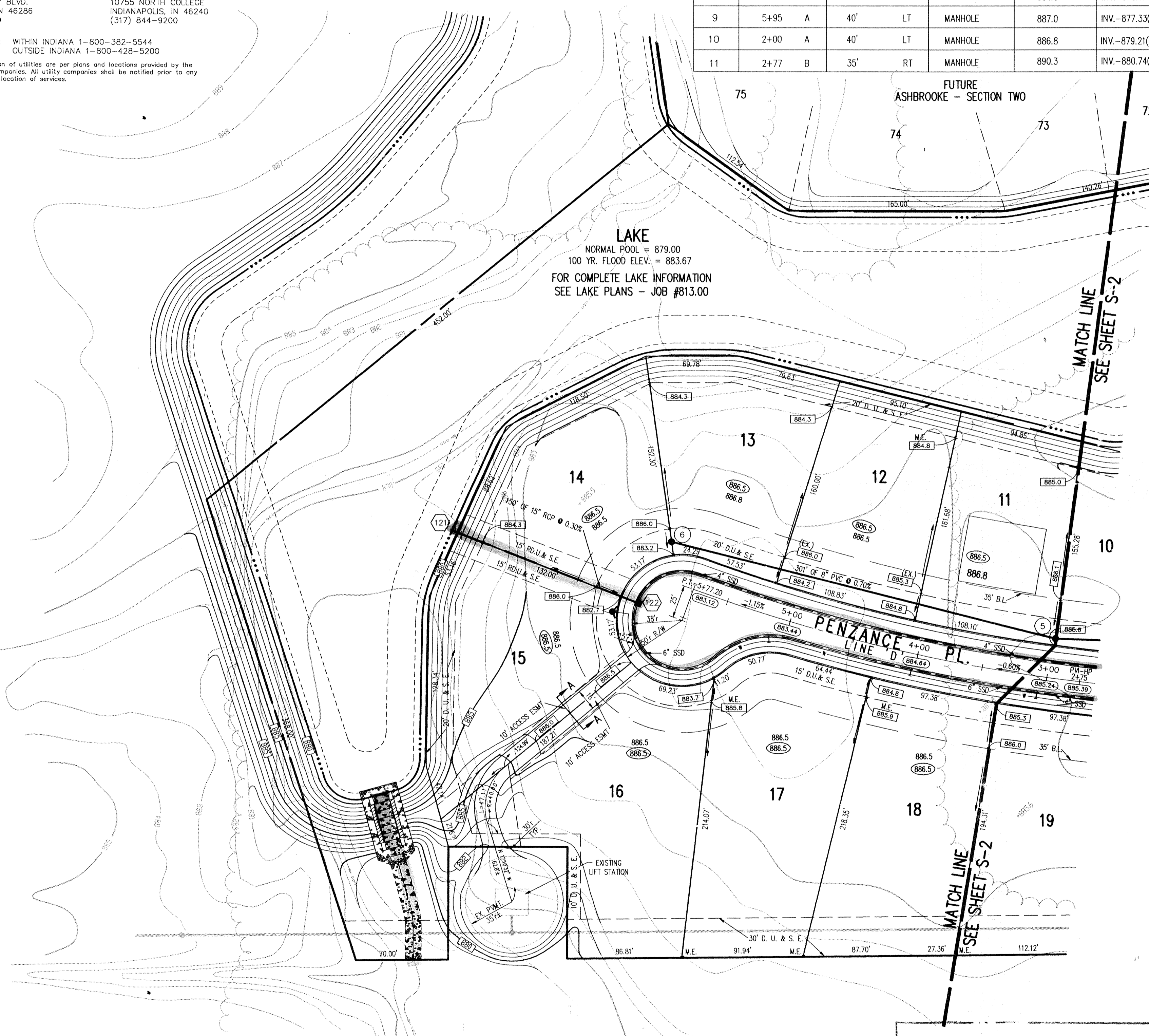
A cut square of the southeast corner of the concrete deck of a lift station on the south side of the subject site approximately 1600 feet west of the centerline of Shelbourne Road.
Elevation = 884.12

LEGEND

- Existing Storm Sewer
- New Storm Sewer
- Existing Sanitary Sewer
- New Sanitary Sewer
- Existing Contour
- Existing Elevation
- New Pavement Elevation
- All Other Finish Elevations
- Corrected Elevations
- Storm Structure Number
- Sanitary Structure Number
- Flow Arrow
- Denotes Elevation and Approximate Pad Size
-
- SSD Invert Elevation
- Minimum Flood Protection Elevation
- Suggested Finished Floor Elevation
- Water Main } Shown for reference only. Final design and installation by Indianapolis Water Co.
- Fire Hydrant }
- Swale (E)
- Match Existing Elevation

GENERAL NOTES:

1. ALL GRADES AT BOUNDARY SHALL MEET EXISTING GRADES.
2. IT SHALL BE THE RESPONSIBILITY OF EACH SUBCONTRACTOR TO VERIFY ALL EXISTING UTILITIES AND CONDITIONS PERTAINING TO HIS PHASE OF WORK. IT SHALL ALSO BE THE SUBCONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNERS OF THE VARIOUS UTILITIES FOR PROPER STAKE LOCATION OF EACH UTILITY BEFORE WORK IS STARTED. THE SUBCONTRACTOR SHALL NOTIFY IN WRITING THE OWNER OR THE ENGINEER OF ANY CHANGES, OMISSIONS, OR ERRORS FOUND ON THESE PLANS OR IN FIELD BEFORE WORK IS STARTED OR RESUMED.
3. STANDARD SPECIFICATIONS FOR CLAY TOWNSHIP REGIONAL WASTE DISTRICT SHALL APPLY FOR ALL SANITARY SEWERS.
4. ANY PART OF THE SANITARY OR STORM SEWER TRENCHES RUNNING UNDER PAVED AREAS TO BE BACKFILLED WITH GRANULAR MATERIAL.
5. THE SIZE AND LOCATION OF EXISTING UTILITIES SHOWN ARE PER INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES. ALL UTILITY COMPANIES SHOULD BE NOTIFIED PRIOR TO ANY EXCAVATION FOR FIELD LOCATION OF SERVICES.
6. SERVICE WALKS SHALL BE NON-REINFORCED CONCRETE, 4" THICK AND 4' IN WIDTH.
7. EXPANSION JOINTS ARE TO BE PLACED AT ALL WALK INTERSECTIONS AND BETWEEN WALKS AND PLATFORMS. SIDEWALK SCORES ARE TO BE EQUALLY SPACED BETWEEN EXPANSION JOINTS. CONTRACTION JOINTS AND PERPENDICULAR SIDEWALKS AT 5' INTERVALS OR LESS WITH A CONTRACTION JOINT EVERY 20' OR LESS.
8. 4' CONCRETE SERVICE WALK ACROSS FRONTAGE OF EACH LOT TO BE CONSTRUCTED BY OTHERS.
9. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
10. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
11. CONTRACTOR SHALL MINIMIZE DAMAGE TO EXISTING TREES.



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: 11-25-03
Entered by: JON

REVISIONS
DRAWN BY: [Name] DATE: [Date]
CHECKED BY: [Name] DATE: [Date]
DATE: 11-25-03
PROJECT: ASHBROOKE - SECTION ONE JOB NO. 813.10
PREPARED FOR: SWEET & CO.
TITLE: DEVELOPMENT PLAN
SCALE: 1"=50'
SHEET 3-3 OF 18
FILE NAME: 01315642

FILED
AUG 20 1991
OFFICE OF HAMILTON COUNTY SURVEYOR

Benchmarks

NOTE:
The elevation datum used for this project was formulated to coincide with topographic mapping created from aerial photography. This mapping was prepared by a consultant using an incorrect elevation value for USGS's Benchmark T-78. Since that mapping USGS's Benchmark T-78 has been destroyed. Previous surveys have established that a discrepancy existed between USGS's benchmarks T-78 and S-78. The combination of these situations results in establishing an elevation datum based on an elevation value 1.10 feet greater than the published value for USGS's Benchmark S-78. The following benchmarks are established on site with values adjusted for use with this project only.

TBM 101
Top of railroad spike in centerline of Shelbourne Road approximately 1335 feet south of the centerline of 106th Street.
Elevation = 890.98

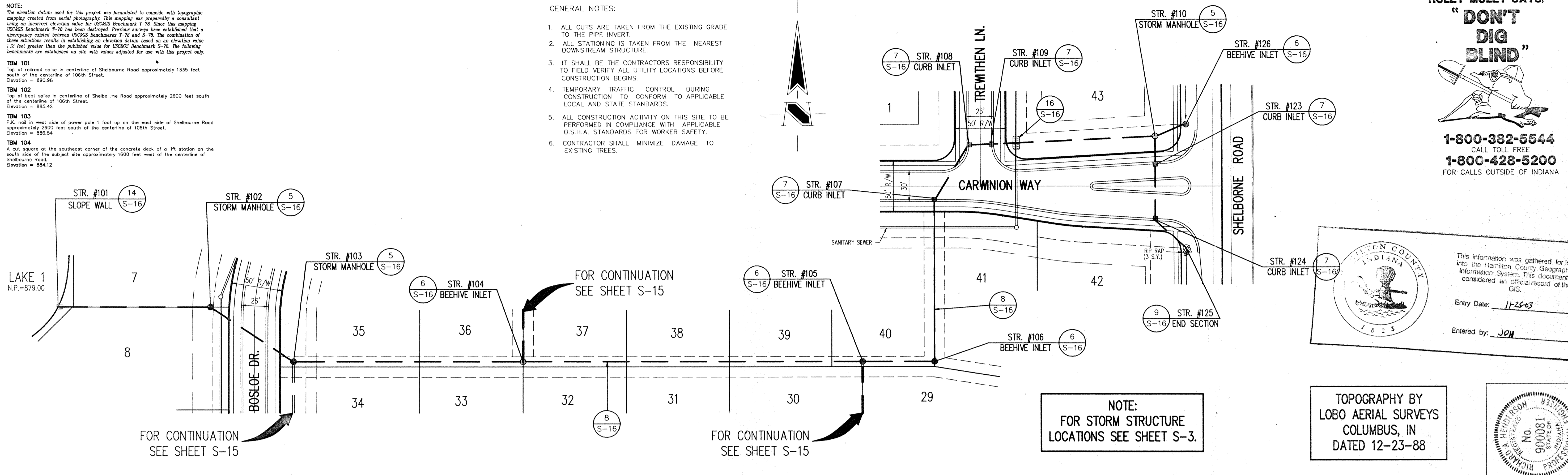
TBM 102
Top of post spike in centerline of Shelbourne Road approximately 2600 feet south of the centerline of 106th Street.
Elevation = 885.42

TBM 103
P.K. nail in west side of power pole 1 foot up on the east side of Shelbourne Road approximately 2600 feet south of the centerline of 106th Street.
Elevation = 886.54

TBM 104
A coil rebar at the southeast corner of the concrete deck of a lift station on the south side of the subject site approximately 1600 feet west of the centerline of Shelbourne Road.
Elevation = 884.12

GENERAL NOTES:

1. ALL CUTS ARE TAKEN FROM THE EXISTING GRADE TO THE PIPE INVERT.
2. ALL STATIONING IS TAKEN FROM THE NEAREST DOWNSTREAM STRUCTURE.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
4. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
5. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
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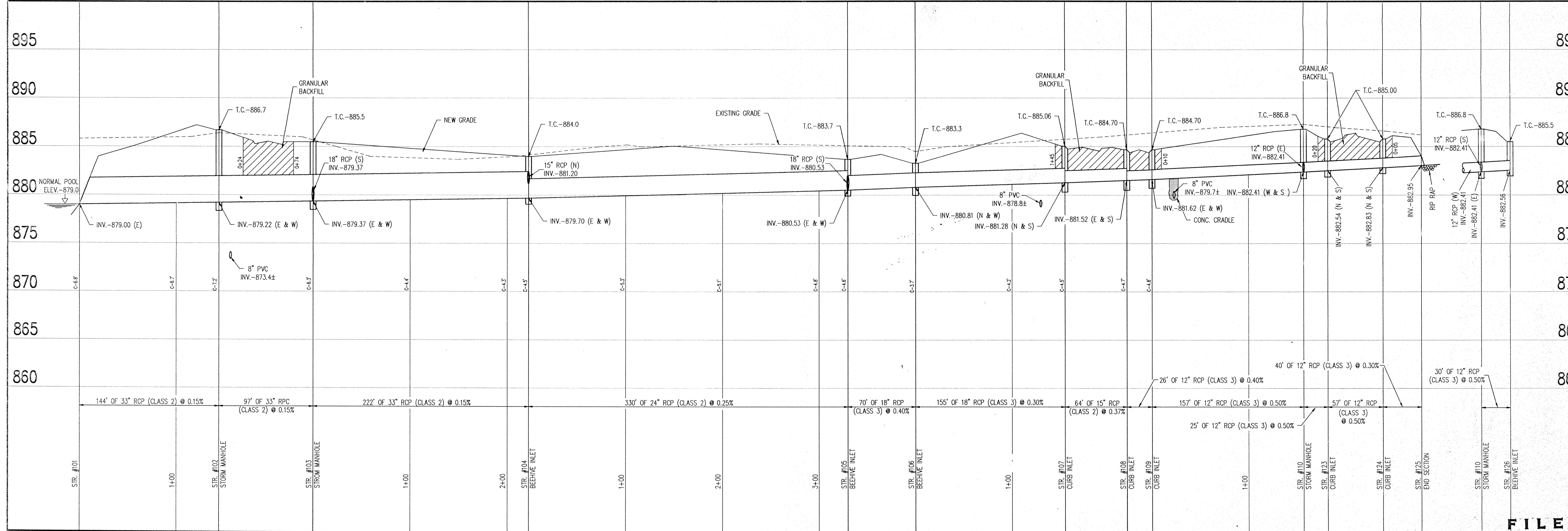
HOLEY MOLEY SAYS.
"DON'T DIG BLIND"
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CALL TOLL FREE
1-800-428-5200
FOR CALLS OUTSIDE OF INDIANA

Hamilton County, Indiana
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Entry Date: 11-25-03
Entered by: JDM

TOPOGRAPHY BY
LOBO AERIAL SURVEYS
COLUMBUS, IN
DATED 12-23-88

STORM SEWER PLAN

SCALE: 1"=50'



STORM SEWER PROFILE

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

REVISIONS
NO. BY DATE
1. JDM 11-25-03

CERTIFIED
Schneider Engineering Corporation
3020 NORTH POST ROAD
INDIANAPOLIS, INDIANA 46226-6118
(317) 868-8282
Civil Engineers
Land Surveyors

PROJECT: ASHBROOKE - SECTION ONE
PREPARED FOR: SWEET & CO.
TITLE: STORM SEWER PLAN

FILED
AUG 20 1991
OFFICE OF HAMILTON COUNTY SURVEYOR
SHEET S-14 OF 18
FILE NAME: 813151M

Benchmarks
 NOTE:
 The elevation datum used for this project was formulated to coincide with topographic mapping created from aerial photography. This mapping was prepared by a consultant using an incorrect elevation value for USGCS Benchmark T-78. Since this mapping USGCS Benchmark T-78 has been destroyed. Previous surveys have established that a discrepancy existed between USGCS Benchmarks T-78 and S-78. The combination of these situations results in establishing an elevation datum based on an elevation value 1.12 feet greater than the published value for USGCS Benchmark S-78. The following benchmarks are established on site with values adjusted for use with this project only.

TBM 101
 Top of railroad spike in centerline of Shebourne Road approximately 1335 feet south of the centerline of 106th Street.
 Elevation = 890.98

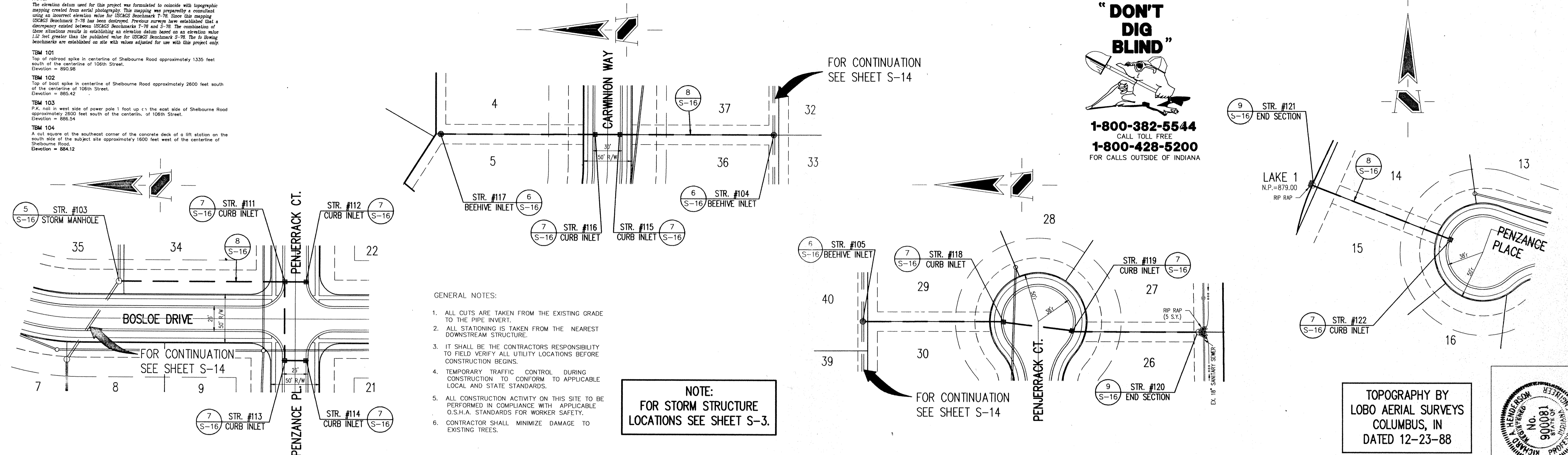
TBM 102
 Top of steel spike in centerline of Shebourne Road approximately 2600 feet south of the centerline of 106th Street.
 Elevation = 885.42

TBM 103
 P.K. nail in west side of power pole 1 foot up on east side of Shebourne Road approximately 2600 feet south of the centerline of 106th Street.
 Elevation = 886.54

TBM 104
 A cut square at the southeast corner of the concrete deck of a lift station on the south side of the subject site approximately 1600 feet west of the centerline of Shebourne Road.
 Elevation = 884.12

HOLE / MOLEY SAYS.
"DON'T DIG BLIND"

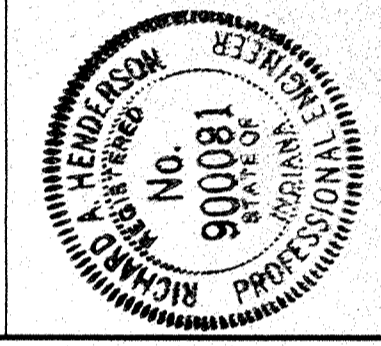
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 CALL TOLL FREE
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 FOR CALLS OUTSIDE OF INDIANA



- GENERAL NOTES:**
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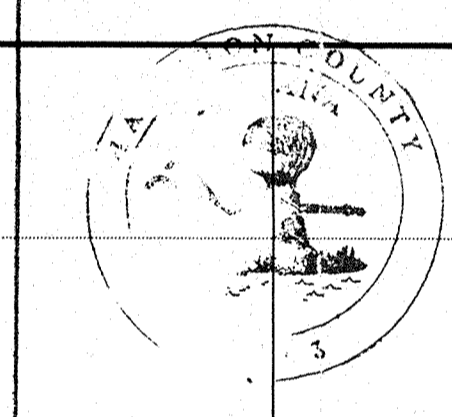
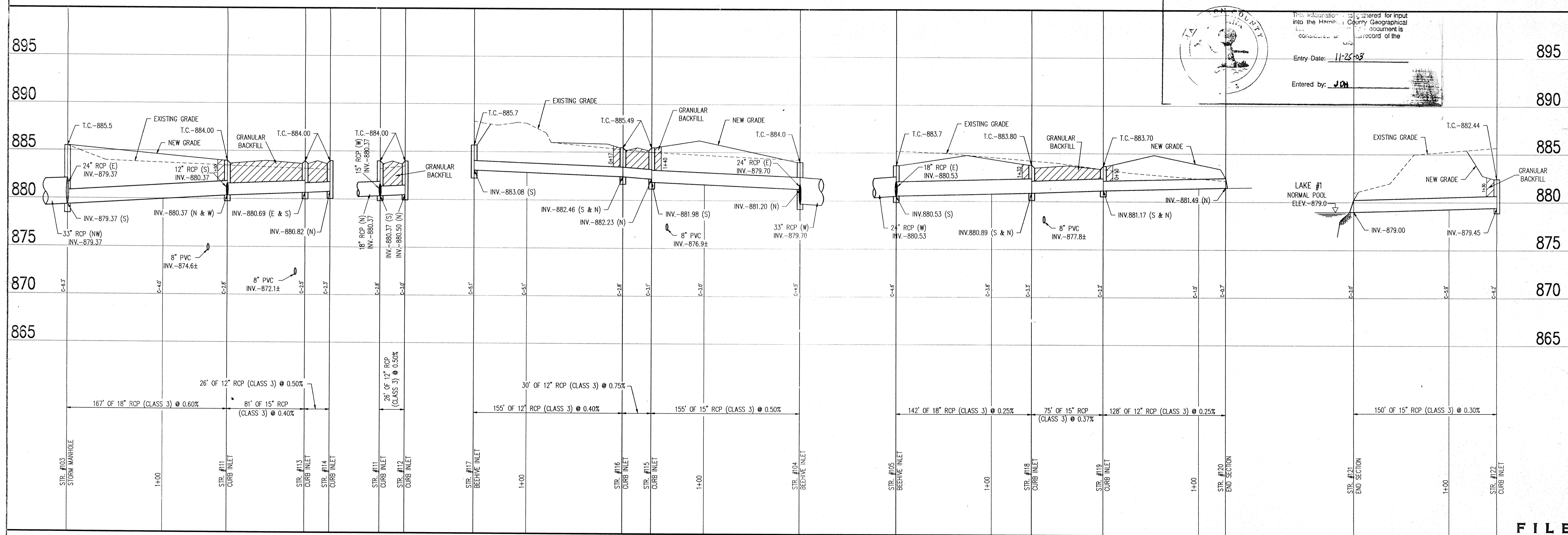
NOTE:
 FOR STORM STRUCTURE LOCATIONS SEE SHEET S-3.

TOPOGRAPHY BY
 LOBO AERIAL SURVEYS
 COLUMBUS, IN
 DATED 12-23-88



STORM SEWER PLAN

SCALE: 1"=50'



This information is gathered for input into the Hamilton County Geographical Information System. This document is a record of the information.

Entry Date: 11-25-03
 Entered by: JON

REVISIONS	DATE	CHECK	BY
1	5-10-91		
2	4-19-91		

DRAWN BY: JON
 CHECKED BY: JON
 DATE: 5-10-91
 REVISIONS PER DRAFTING CHECK

PROJECT: ASHBROOKE - SECTION ONE 813.1
 PREPARED FOR: SWEET & CO.
 TITLE: STORM SEWER PLAN

SCALE: AS NOTED

SCHEIDT ENGINEERING CORPORATION
 3020 NORTH POST ROAD
 INDIANAPOLIS, INDIANA 46226-6518
 (317) 898-8882
 P.O. BOX 26668

STORM SEWER PROFILE

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

FILED SHEET AUG 20 1991 S-15
 OFFICE OF HAMILTON COUNTY SURVEYOR OF 18