

Drain: F M MUSSELMAN Drain #: 234
 Improvement/Arm: RODGERS WOODS - PETERSON ARM EXT.
 Operator: J. LIVINGSTON Date: 4-27-04
 Drain Classification: Urban/Rural Year Installed: 1999

GIS Drain Input Checklist

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

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

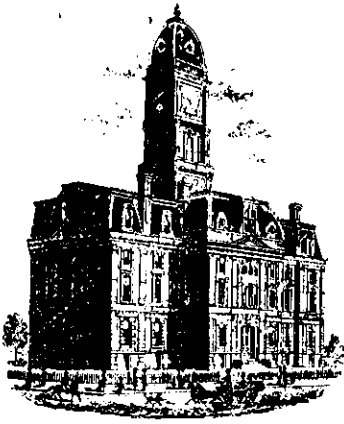
Drain-Improvement: F M MUSSELMAN - ROUGEBUSH WOODS - PETERSON ARUN EXT.

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	(If Applicable)	
					Price:	Cost:
RCP	42"	1320'	1320'			

Sum: 1320' 1320' \$114,135.00

Final Report: 1320'

Comments:



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

July 30, 1999

Re: F. M. Musselman Drain, Peterson Arm Extension

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the extension of the Peterson Arm, F. M. Musselman 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 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 1,313 feet of 42" RCP. The sections of storm sewer involved are those portions of the 42" RCP between 191st Street and the structure located at the South end of the 66" RCP installed in The Meadows subdivision.

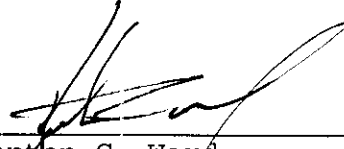
This extension is as per the agreement set out in the resolution by the Board at its meeting on October 27, 1997 (Drainage Board Minutes Book 4, Pages 454-455). This agreement is the basis of my drain report which was approved at hearing on January 26, 1998 (Book 4, Pages 496-499) and the final agreement which was signed by the Board on August 24, 1998 (Book 4, Page 582).

I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 - 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

Roudebush Woods, Section 1 as recorded in the office of the
Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain
for September 27, 1999.



Kenton C. Ward
Hamilton County Surveyor

KCW/llm

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: ROUDEBUSH WOODS, SECTION 1

I hereby certify that:

1. I am a Registered Land Surveyor or 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 .
4. The drainage facilities within the above referenced subdivision to the best of my knowledge , information and belief have been installed and completed in comformity with all plans and specifications .

Signature: J. Cort Crosby Date: 6/21/00

Type or Print Name: J. CORT CROSBY P.E., THE SCHNEIDER CORP

Business Address: 3020 N. POST ROAD

INDIANAPOLIS, IN 46226

Telephone Number: (317) 898-8282

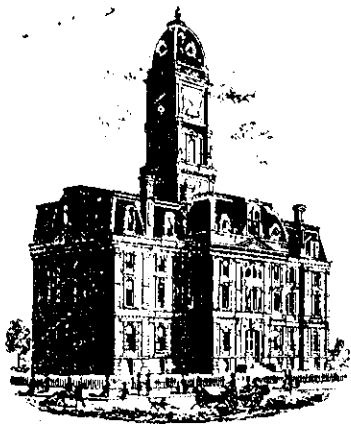
SEAL



INDIANA REGISTRATION NUMBER

920350

Revised 10/95



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 188

One Hamilton County Square

Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

October 9, 2000

Re: F.M. Musselman Drain: Roudebush Woods
Peterson Arm Extension

Attached are as-builts, certificate of completion & compliance, and other information for Roudebush Woods – Peterson Arm Extension. 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 that will alter the plans submitted with my report for this drain-dated July 30, 1999. The changes are as follows:

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

101E	786.54	774.94				
101	788.46	778.16	42	26		
101	788.46	776.76				
103	791.6	781.2	42	261		
103	791.6	777.85				
104	794.38	778.58	42	222	217	5
104	794.38	778.58				
105	794.45	778.65	42	30		
105	794.45	778.65				
106	794.53	780.73	42	148	150	-2
106	794.53	778.83				
112	795.68	779.06	42	152	150	2
112	795.68	779.06				
113	765.68	779.12	42	30		
113	765.68	779.12				
114	793.92	781.32	42	195	199	-4
114	793.92	779.62				
121	794.13	785.33	42	256	250	6


The length of the drain due to the changes described above is now **1320 feet**.

The non-enforcement was approved by the Board at its meeting on October 11, 1999 and recorded under instrument #2000-00004047.

The bond or letter of credit from Frontier Insurance Company number 143547; in the amount of \$116,135.000; was released September 25, 2000.

I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

-SEC. 28 & 29-T19N-R5E-

ROUDEBUSH WOODS SECTION 1

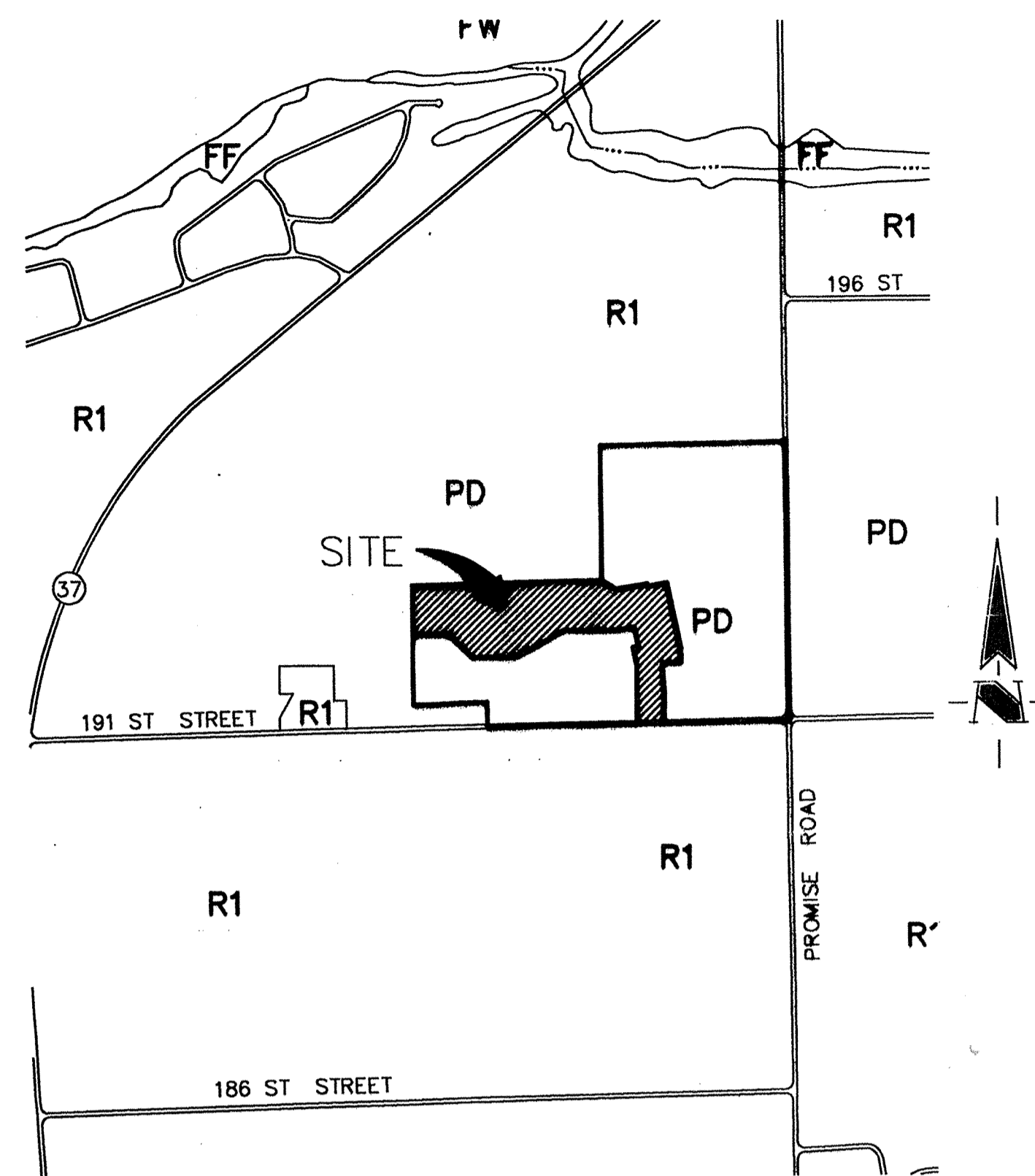
(CONSTRUCTION PLANS)

HAMILTON, COUNTY
NOBLESVILLE, INDIANA

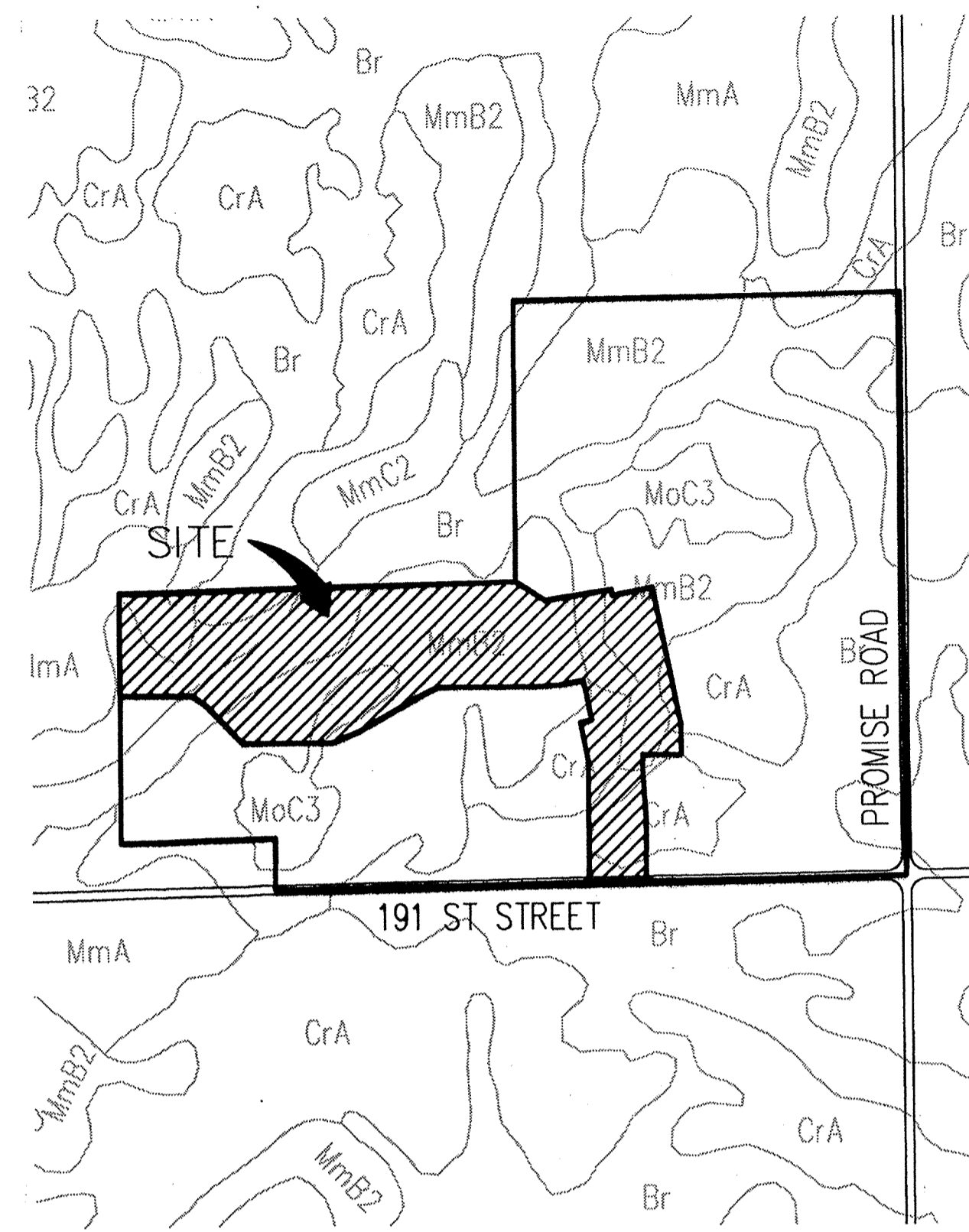
DEVELOPER:

THOMPSON LAND COMPANY, INC.

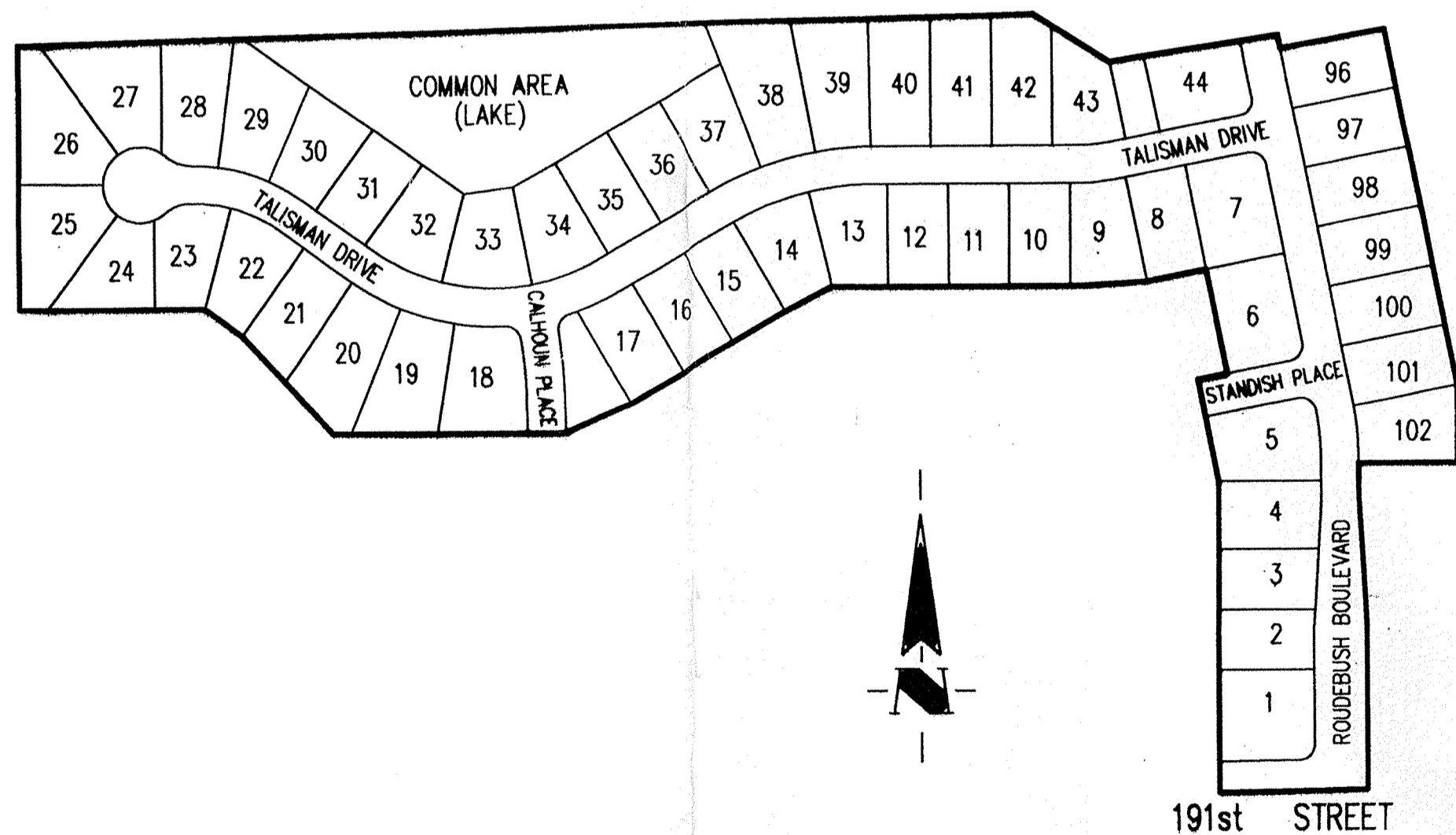
1191 LAKESIDE DRIVE
FISHERS, INDIANA
(317) 894-7607



AREA MAP
SCALE 1" = 1000'



SOILS MAP
SCALE 1" = 500'



SITE MAP
SCALE: 1" = 200'

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: 10/10/00 4-27-04
Entered by: SIM [signature]

INDEX	
SHEET No.	DESCRIPTION
C100	COVER SHEET
C101, C102	DEVELOPMENT PLAN
C103, C104	EROSION CONTROL PLAN
C105	EROSION CONTROL DETAILS
C201-C203	STREET PLAN
C301	ENTRANCE PLAN
C302	CUL-DE-SAC & INTERSECTION DETAILS
C401-C403	SANITARY SEWER PLAN
C501	SANITARY LIFT STATION
C601-C604	STORM SEWER PLAN
C701, C702	WATER DISTRIBUTION PLAN
C703	WATER DISTRIBUTION DETAILS
C801, C802	GENERAL DETAILS
C901	SPECIFICATIONS
C902	SANITARY LIFT STATION SPECIFICATIONS
L101, L102	LANDSCAPE PLAN

WATERLINE
 STORM SEWER
 SANITARY SEWER
 RECORD DRAWING



The Schneider Corporation
 3020 North Post Road
 Indianapolis, Indiana
 46226-6518
 317-898-8282
 317-899-8010 Fax
 Engineering
 Surveying
 Landscape Architecture
 GIS • LIS
 Geology

Formerly Schneider Engineering Corp. / Bohlen, Meyer, Gibson & Assoc.

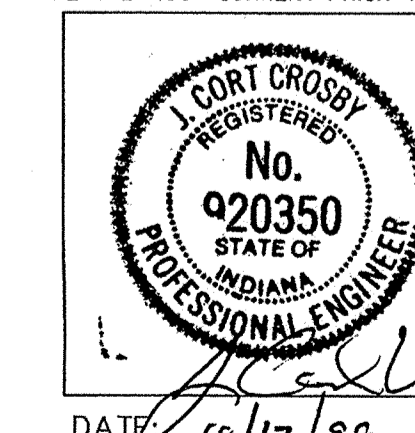
CERTIFIED BY: J. CORT CROSBY, P.E.
 E-MAIL ADDRESS:
 ccrosby@theschneidercorp.com

THIS DRAWING AND THE IDEAS, DESIGNS AND CONCEPTS CONTAINED HEREIN ARE THE EXCLUSIVE INTELLECTUAL PROPERTY OF THE SCHNEIDER CORPORATION AND ARE NOT TO BE USED OR REPRODUCED IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF THE SCHNEIDER CORPORATION.

1999, The Schneider Corporation

JOB No. (1025.11)

THESE DOCUMENTS ARE SUBJECT TO PERIODIC REVISIONS BY THE SCHNEIDER CORPORATION. THE HOLDER IS RESPONSIBLE FOR VERIFYING THAT THESE DOCUMENTS ARE THE MOST CURRENT PRIOR TO USE.



DATE: 10/12/99

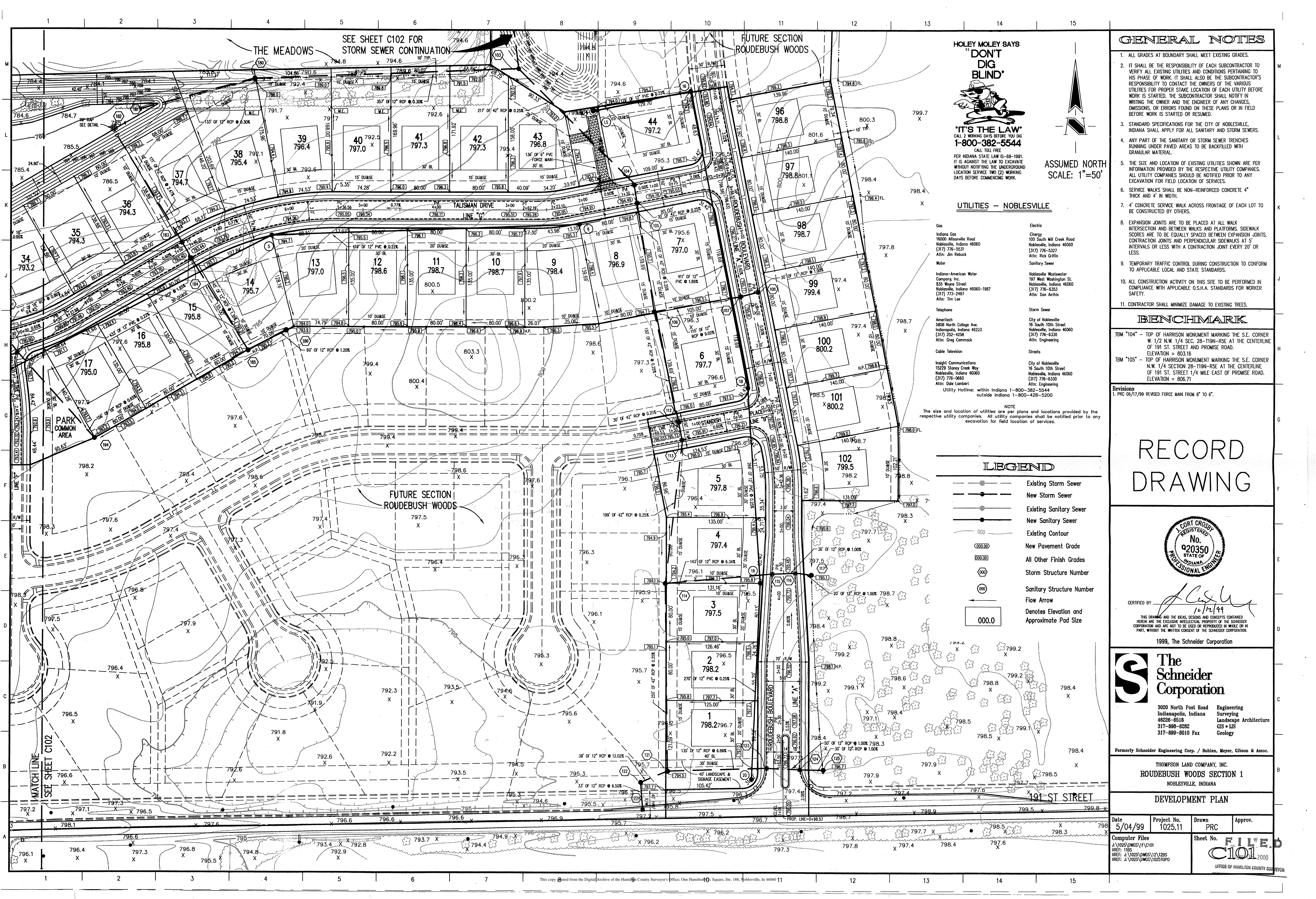
SHEET
C100
 JUN 05 2000
 OFFICE OF HAMILTON COUNTY SURVEYOR

PROJECT WEB SITE:

DIGITAL BASE FILES FOR THIS PROJECT ARE AVAILABLE IN AUTOCAD 14 FORMAT FOR DOWNLOADING AT:
<http://it.theschneidercorp.com/thompson/download.htm>

REVISIONS:	DATE:	BY:	DESCRIPTION:
	06/17/99	PRC	C100, C101, C403 & C501

PROJECT ENGINEER: _____
 CHECKED BY: _____ DATE CHECKED: _____



SEE SHEET C102 FOR STORM SEWER CONTINUATION

FUTURE SECTION ROUDEBUSH WOODS

HOLEY MOLEY SAYS
"DON'T DIG BLIND"

"IT'S THE LAW"
 CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544
 CALL TOLL FREE

PER INDIANA STATE LAW 15-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

ASSUMED NORTH SCALE: 1"=50'

- UTILITIES - NOBLESVILLE**
- | | |
|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Gas | Electric |
| Indiana Gas
18000 Allisonville Road
Noblesville, Indiana 46060
(317) 776-5531
Attn: Jim Rebeck | City of Noblesville
100 South Mill Creek Road
Noblesville, Indiana 46060
(317) 776-5327
Attn: Rick Griffin |
| Water | Sanitary Sewer |
| Noblesville-American Water Company, Inc.
835 Wayne Street
Noblesville, Indiana 46060-1987
(317) 773-2497
Attn: Tim Lee | Noblesville Wastewater
197 West Washington St.
Noblesville, Indiana 46060
(317) 776-6363
Attn: Don Anthesis |
| Telephone | Storm Sewer |
| Ameritech
5358 North College Ave.
Indianapolis, Indiana 46220
(317) 252-4258
Attn: Greg Conmack | City of Noblesville
16 South 10th Street
Noblesville, Indiana 46060
(317) 776-6330
Attn: Engineering |
| Cable Television | Streets |
| Inlight Communications
15229 Stony Creek Way
Noblesville, Indiana 46060
(317) 776-0660
Attn: Dale Lambert | City of Noblesville
16 South 10th Street
Noblesville, Indiana 46060
(317) 776-6330
Attn: Engineering |
| Utility Hotlines: within Indiana 1-800-382-5544
outside Indiana 1-800-428-5200 | |
- NOTE
 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.

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 AND 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 THE CITY OF NOBLESVILLE, INDIANA SHALL APPLY FOR ALL SANITARY AND STORM 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. 4" CONCRETE SERVICE WALK ACROSS FRONTAGE OF EACH LOT TO BE CONSTRUCTED BY OTHERS.
8. EXPANSION JOINTS ARE TO BE PLACED AT ALL WALK INTERSECTION 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.
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.

BENCHMARK

TBM "104" - TOP OF HARRISON MONUMENT MARKING THE S.E. CORNER W. 1/2 N.W. 1/4 SEC. 28-119N-R5E AT THE CENTERLINE OF 191 ST. STREET AND PROMISE ROAD. ELEVATION = 803.15
 TBM "105" - TOP OF HARRISON MONUMENT MARKING THE S.E. CORNER N.W. 1/4 SECTION 28-119N-R5E AT THE CENTERLINE OF 191 ST. STREET 1/4 MILE EAST OF PROMISE ROAD. ELEVATION = 806.71

Revisions
 1. PRC 06/17/99 REVISED FORCE MAIN FROM 8" TO 6".

RECORD DRAWING

- LEGEND**
- Existing Storm Sewer
 - - - New Storm Sewer
 - Existing Sanitary Sewer
 - - - New Sanitary Sewer
 - Existing Contour
 - New Pavement Grade
 - All Other Finish Grades
 - Storm Structure Number
 - Sanitary Structure Number
 - Flow Arrow
 - Denotes Elevation and Approximate Pad Size

CURT CROSBY REGISTERED
 No. 920350
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

CERTIFIED BY: *[Signature]*
 10/17/99

1999, The Schneider Corporation

The Schneider Corporation

3020 North Post Road
 Indianapolis, Indiana
 46226-6518
 317-898-8282
 317-898-8010 Fax

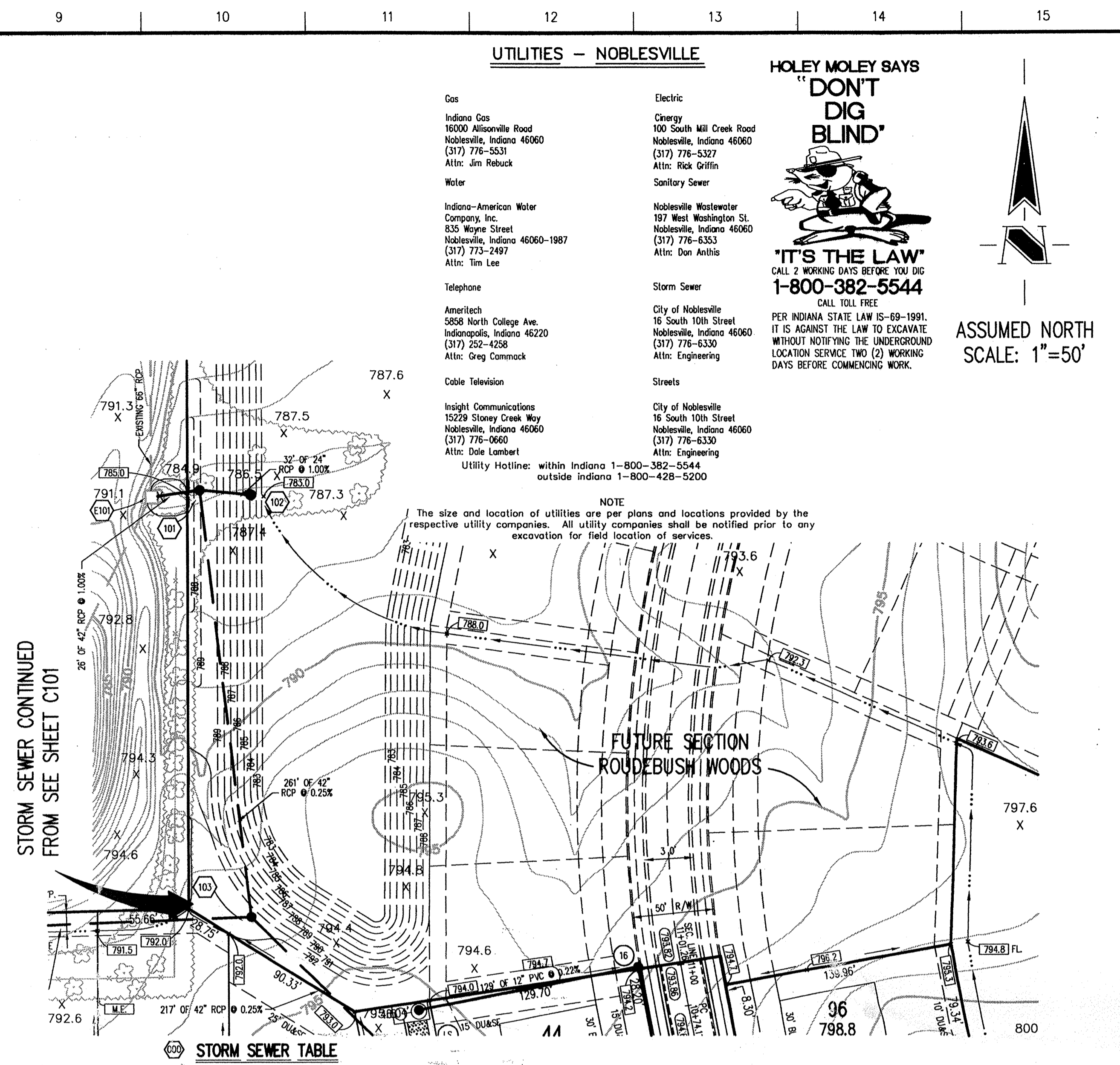
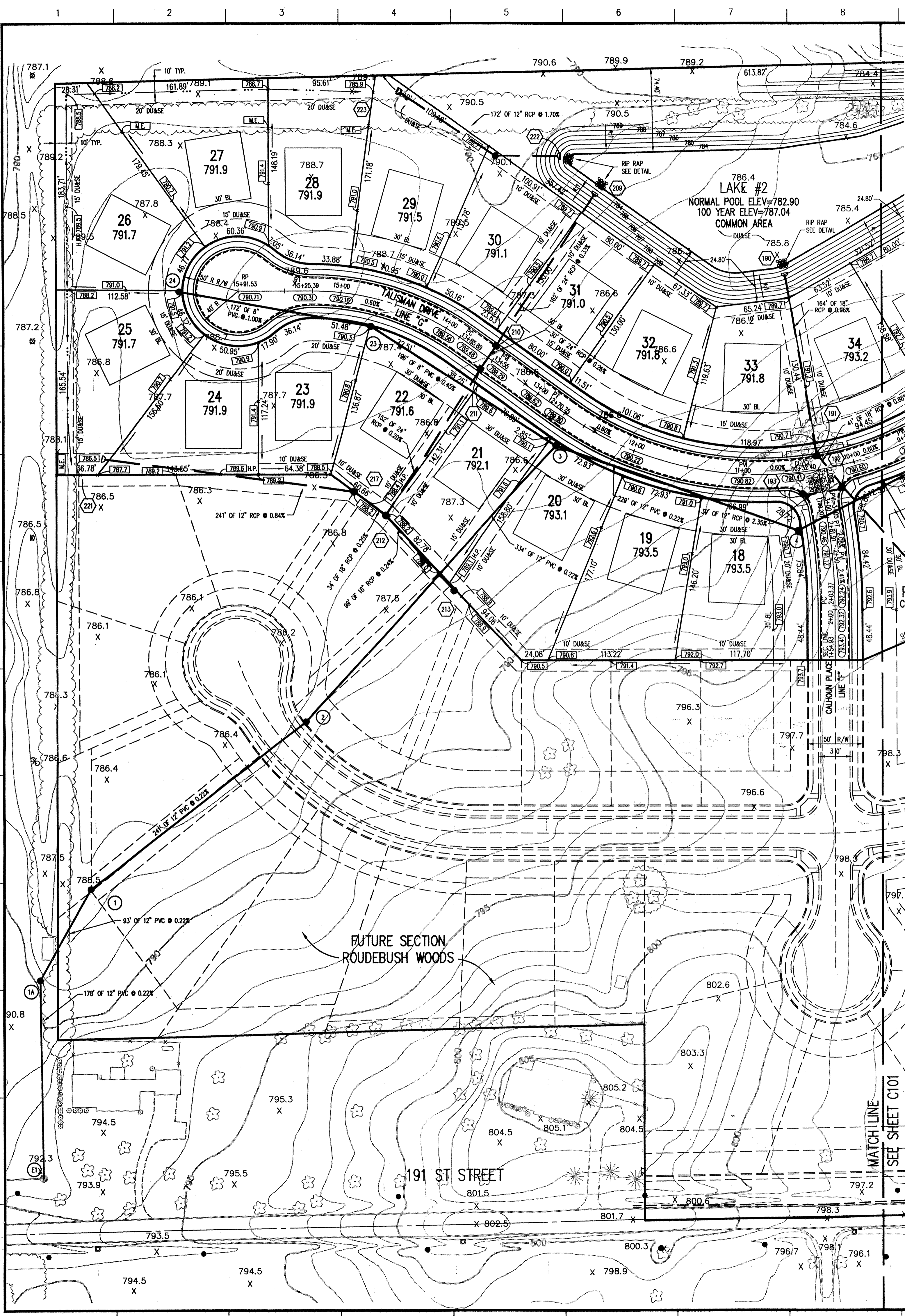
Engineering
 Surveying
 Landscape Architecture
 GIS • IIS
 Geology

Formerly Schneider Engineering Corp. / Bohlen, Meyer, Gibson & Assoc.

THOMPSON LAND COMPANY, INC.
ROUDEBUSH WOODS SECTION 1
 NOBLESVILLE, INDIANA

DEVELOPMENT PLAN

Date	5/04/99	Project No.	1025.11	Drawn	PRC	Approv.	
Computer Files	J:\1025\DWSS\1\1\c101	Sheet No.	C101	FILED			
XREF: 1185	XREF: J:\1025\DWSS\12\1285			OFFICE OF HAMILTON COUNTY SURVEYOR			
XREF: J:\1025\DWSS\102510PO							



STR #	STA BASELINE	OFFSET LT/RT	TYPE	TC	INVERTS
E101	-----	-----	INLET	786.54	776.96 (E), 774.92 (SW), 773.91 (N)
101	3+19.02 "C"	448.52' RT	STORM MANHOLE	789.00	778.38 (E), 772.22 (S&W)
102	2+87.02 "C"	448.57' RT	BOX INLET	782.20	778.70 (W)
103	2+89.88 "C"	189.19' RT	STORM MANHOLE	792.50	781.43 (W), 777.87 (S&N)
104	1+30.00 "C"	15.00' RT	CURB INLET	794.49	778.41 (S&N)
105	1+30.00 "C"	15.00' LT	CURB INLET	794.49	778.48 (S&N)
106	8+15.79 "A"	130.00' LT	BEEHIVE INLET	794.70	781.35 (E), 778.85 (S&N)
107	8+16.00 "A"	15.00' LT	CURB INLET	795.77	791.72 (E&W)
108	8+16.00 "A"	15.00' RT	CURB INLET	795.77	792.02 (W)
112	1+30.00 "C"	15.00' RT	CURB INLET	795.73	779.22 (S&N)
113	1+30.00 "C"	15.00' LT	CURB INLET	795.73	779.29 (S&N)
114	4+11.38 "A"	160.00' LT	BEEHIVE INLET	794.10	785.28 (E&W), 776.79 (S&N)
115	4+30.00 "A"	18.06' LT	CURB INLET	795.48	791.77 (E&W)
116	4+30.00 "A"	18.06' RT	CURB INLET	795.48	791.77 (E&W)
117	4+30.00 "A"	38.06' RT	BEEHIVE INLET	795.10	801.93 (W)
121	1+60.92 "A"	160.00' LT	STORM MANHOLE	794.50	786.70 (W), 782.90 (E), 780.40 (N)
122	1+44.75 "A"	195.00' LT	BEEHIVE INLET	795.40	791.33 (W&E&N)
122A	1+12.38 "A"	191.68' LT	BEEHIVE INLET	797.00	793.45 (N)
123	1+63.50 "A"	25.01' RT	CURB INLET	796.73	792.20 (E&W)
124	1+63.50 "A"	25.22' RT	CURB INLET	796.73	792.20 (E&W)
125	1+58.37 "A"	54.55' RT	BEEHIVE INLET	796.70	793.00 (W)
180	6+11.74 "C"	190.83' RT	BEEHIVE INLET	788.50	782.50 (W&E)
181	7+01.46 "C"	194.83' RT	END SECTION	782.90	782.90
182	7+53.26 "C"	185.83' RT	END SECTION	782.90	782.90
183	7+50.00 "C"	15.00' RT	CURB INLET	793.40	787.12 (S&N)
184	7+50.00 "C"	15.00' LT	CURB INLET	793.40	787.70 (S&N)
185	7+48.00 "C"	15.00' LT	BEEHIVE INLET	794.70	789.66 (E&N)
186	6+47.09 "C"	55.38' LT	BEEHIVE INLET	793.90	790.38 (S) STUB, 790.38 (W)
190	10+30.00 "C"	179.17' RT	END SECTION	782.90	782.90
191	10+32.40 "C"	15.00' RT	CURB INLET	790.41	784.48 (S&N)
192	3+05.00 "C"	19.49' RT	CURB INLET	790.19	785.33 (W), 784.83 (S&W)
193	3+05.00 "C"	19.49' LT	CURB INLET	790.19	786.25 (E)
194	9+65.51 "C"	163.68' LT	BEEHIVE INLET	793.20	785.84 (S&W)
209	13+82.35 "C"	177.00' RT	END SECTION	782.97	782.97
210	13+55.00 "C"	15.00' RT	CURB INLET	789.29	783.51 (S&W&E)
211	13+55.00 "C"	15.00' LT	CURB INLET	789.29	783.59 (S&W&E)
212	13+47.64 "C"	167.31' LT	BEEHIVE INLET	788.20	783.89 (S&W&E)
213	12+58.29 "C"	187.45' LT	BEEHIVE INLET	788.80	784.13 (S) STUB, 784.13 (NW)
217	13+82.05 "C"	166.55' LT	BEEHIVE INLET	788.20	784.48 (W), 784.18 (SW), 783.98 (E)
221	14+28.78 "C"	163.90' LT	END SECTION	786.50	786.50
222	13+97.68 "C"	185.22' RT	END SECTION	782.98	782.98
223	14+93.25 "C"	180.42' RT	END SECTION	785.90	785.90

UTILITIES - NOBLESVILLE

HOLEY MOLEY SAYS "DON'T DIG BLIND"

"IT'S THE LAW"
CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544

PER INDIANA STATE LAW IS-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

ASSUMED NORTH SCALE: 1"=50'

LEGEND

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

SANITARY SEWER TABLE

STR #	STA BASELINE	OFFSET LT/RT	TYPE	TC	INVERTS
E1	-----	-----	EXIST. MANHOLE	792.56	779.58 (W), 778.78 (N)
1A	13+55.68 "C"	682.82' LT	MANHOLE	789.00	781.02 (NE), 779.98 (S)
1	13+65.90 "C"	500.37' LT	MANHOLE	789.00	780.30 (W), 780.00 (SW)
2	13+00.11 "C"	358.23' LT	MANHOLE	789.30	781.15 (W&E) STUBS, 781.01 (NE), 782.00 (NW), 781.94 (SE), 781.74 (SW)
3	12+61.49 "C"	27.00' LT	MANHOLE	790.30	789.00 (W)
4	10+55.99 "C"	50.00' LT	MANHOLE	790.90	782.54 (E), 782.44 (W)
5	6+30.97 "C"	27.00' LT	MANHOLE	791.90	783.50 (E), 783.49 (W)
6	2+10.00 "C"	27.00' LT	MANHOLE	795.50	784.31 (E)-8" FORCE MAIN, 784.51 (W)
STATION	10+96.63 "A"	456.00' LT	STATION	794.50	773.49 (E), 789.50 (S), BOTTOM=783.00
16	11+01.26 "A"	27.00' LT	MANHOLE	794.40	773.97 (S&N), 773.77 (W)
18	6+91.11 "A"	27.00' LT	MANHOLE	797.70	781.86 (S), 781.76 (N)
19	4+17.02 "A"	30.84' RT	MANHOLE	796.00	782.63 (S), 782.53 (N)
20	1+47.75 "A"	42.45' RT	MANHOLE	797.20	783.50 (N)
23	1+47.75 "A"	27.00' RT	MANHOLE	790.50	782.98 (W), 782.88 (SE)
24	16+43.53 "C"	0.51' LT	MANHOLE	791.70	784.70 (E)

GENERAL NOTES

- ALL GRADES AT BOUNDARY SHALL MEET EXISTING GRADES.
- 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 AND THE ENGINEER OF ANY CHANGES, OMISSIONS, OR ERRORS FOUND ON THESE PLANS OR IN FIELD BEFORE WORK IS STARTED OR RESUMED.
- STANDARD SPECIFICATIONS FOR THE CITY OF NOBLESVILLE, INDIANA SHALL APPLY FOR ALL SANITARY AND STORM SEWERS.
- ANY PART OF THE SANITARY OR STORM SEWER TRENCHES RUNNING UNDER PAVED AREAS TO BE BACKFILLED WITH GRANULAR MATERIAL.
- 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.
- SERVICE WALKS SHALL BE NON-REINFORCED CONCRETE 4" THICK AND 4' IN WIDTH.
- 4" CONCRETE SERVICE WALK ACROSS FRONTAGE OF EACH LOT TO BE CONSTRUCTED BY OTHERS.
- EXPANSION JOINTS ARE TO BE PLACED AT ALL WALK INTERSECTION 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.
- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
- ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
- CONTRACTOR SHALL MINIMIZE DAMAGE TO EXISTING TREES.

BENCHMARK

IBM "104" - TOP OF HARRISON MONUMENT MARKING THE S.E. CORNER W. 1/2 N.W. 1/4 SEC. 28-119N-R5E AT THE CENTERLINE OF 191 ST. STREET AND PROMISE ROAD. ELEVATION = 803.16

IBM "105" - TOP OF HARRISON MONUMENT MARKING THE S.E. CORNER N.W. 1/4 SECTION 28-119N-R5E AT THE CENTERLINE OF 191 ST. STREET 1/4 MILE EAST OF PROMISE ROAD. ELEVATION = 806.71

Revisions

RECORD DRAWING

LEGEND

CERTIFIED BY [Signature] 10/22/99

THIS DRAWING AND THE IDEAS, DESIGNS AND CONCEPTS CONTAINED HEREIN ARE THE EXCLUSIVE INTELLECTUAL PROPERTY OF THE SCHNEIDER CORPORATION AND ARE NOT TO BE USED OR REPRODUCED IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF THE SCHNEIDER CORPORATION.

1999, The Schneider Corporation

The Schneider Corporation

3020 North Post Road
Indianapolis, Indiana 46228-6518
317-898-8282
317-899-8010 Fax

Engineering
Surveying
Landscape Architecture
GIS • LIS
Geology

Formerly Schneider Engineering Corp. / Bohlen, Meyer, Gibson & Assoc.

THOMPSON LAND COMPANY, INC.
ROUDEBUSH Woods SECTION 1
NOBLESVILLE, INDIANA

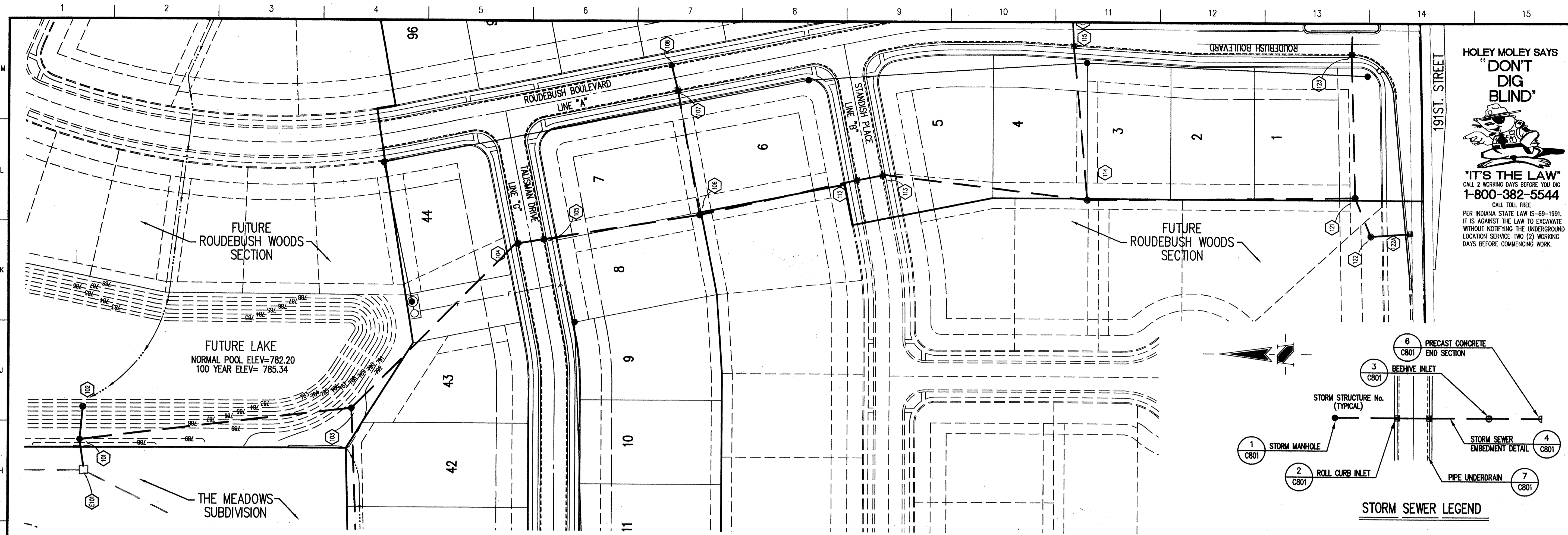
DEVELOPMENT PLAN

Date: 5/04/99 Project No.: 1025.11 Drawn: PRC Approved: [Signature]

Computer Files: J:\1025\DWG\S1\1102.dwg
REF: J:\1025\DWG\S1\128.dwg
REF: J:\1025\DWG\S1\129.dwg

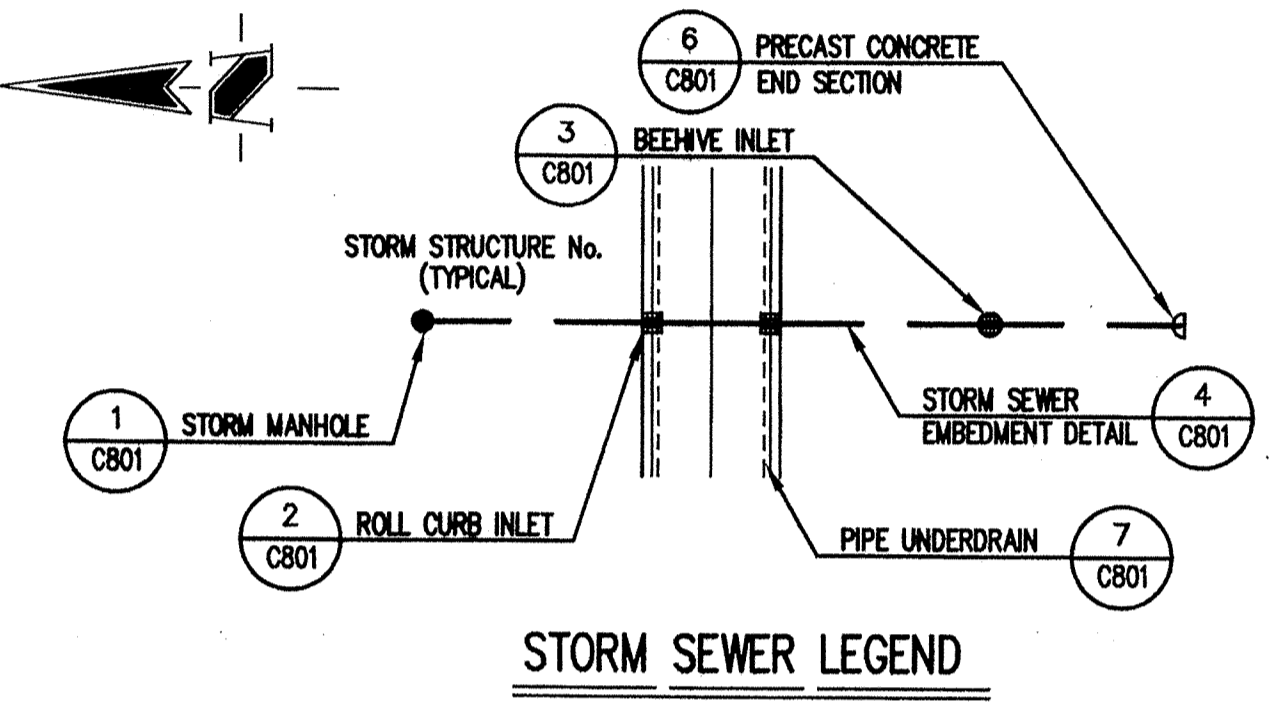
Sheet No. **C102** of 100

OFFICE OF HAMILTON COUNTY SURVEYORS



HOLEY MOLEY SAYS
"DON'T DIG BLIND"

"IT'S THE LAW"
 CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544
 CALL TOLL FREE
 PER INDIANA STATE LAW IS-69-1991,
 IT IS AGAINST THE LAW TO EXCAVATE
 WITHOUT NOTIFYING THE UNDERGROUND
 LOCATION SERVICE TWO (2) WORKING
 DAYS BEFORE COMMENCING WORK.



GENERAL NOTES

- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
- ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
- CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

BENCHMARK

TBM "104" - TOP OF HARRISON MONUMENT MARKING THE S.E. CORNER N. 1/2 N.W. 1/4 SEC. 28-119N-R5E AT THE CENTERLINE OF 191 ST. STREET AND PROMISE ROAD. ELEVATION = 803.16
 TBM "105" - TOP OF HARRISON MONUMENT MARKING THE S.E. CORNER N.W. 1/4 SECTION 28-119N-R5E AT THE CENTERLINE OF 191 ST. STREET 1/4 MILE EAST OF PROMISE ROAD. ELEVATION = 806.71

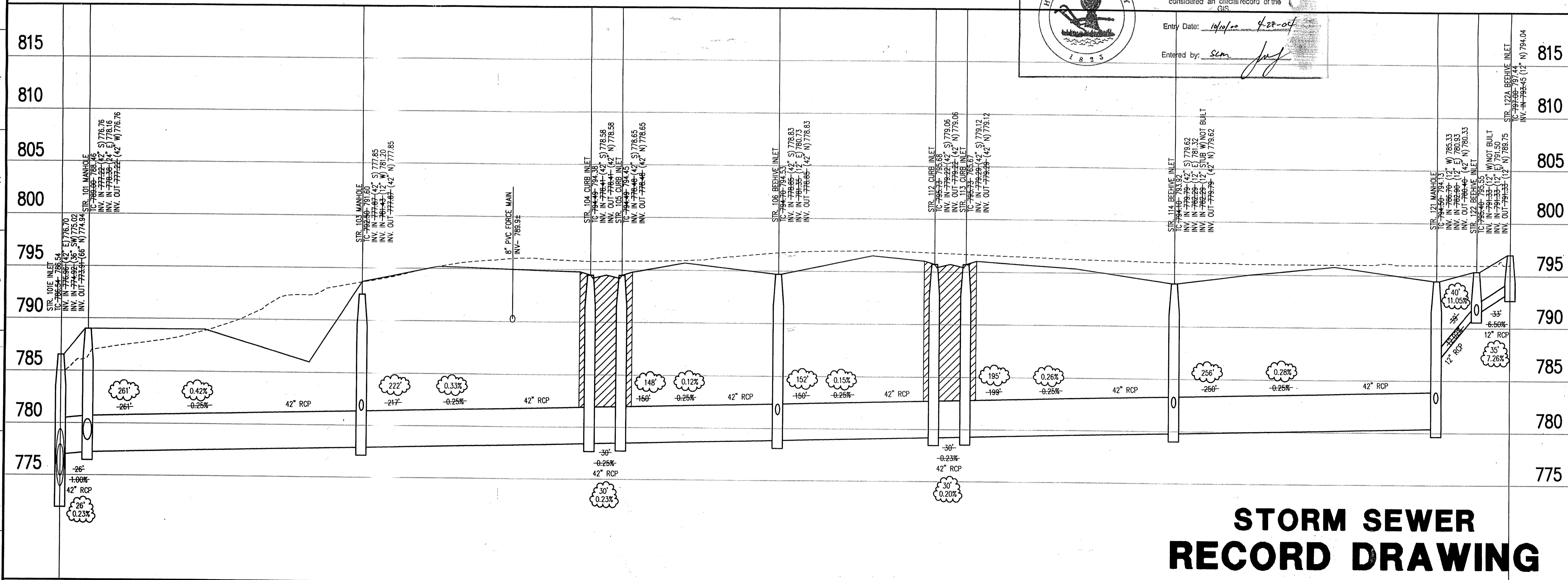
Revisions
 1. TJ - 12 OCT 99 - STORM SEWER RECORD DRAWING.

STORM SEWER PLAN



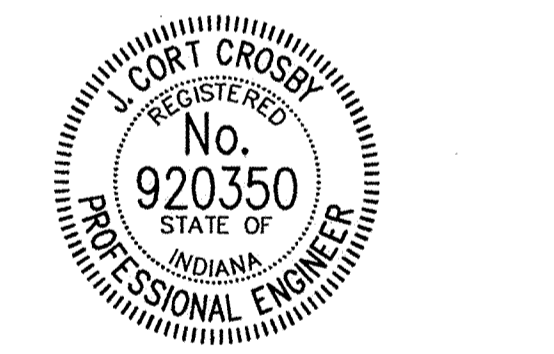
This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.
 Entry Date: 10/12/99 4:22:04
 Entered by: Sam J...

SCALE: 1"=50'



CERTIFICATION FOR "RECORD DRAWING"

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



CERTIFIED BY: *J. Cort Crosby*
 10/12/99
 DATE: 10/12/99
 THIS DRAWING AND THE IDEAS, DESIGNS AND CONCEPTS CONTAINED HEREIN ARE THE EXCLUSIVE INTELLECTUAL PROPERTY OF THE SCHNEIDER CORPORATION AND ARE NOT TO BE USED OR REPRODUCED IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF THE SCHNEIDER CORPORATION.

1999, The Schneider Corporation

The Schneider Corporation
 3020 North Post Road
 Indianapolis, Indiana 46226-6518
 317-898-8282
 317-899-8010 Fax
 Engineering
 Surveying
 Landscape Architecture
 GIS • LIS
 Geology

Formerly Schneider Engineering Corp. / Bohlen, Meyer, Gibson & Assoc.

THOMPSON LAND COMPANY, INC.
 ROUDEBUSH WOODS SECTION 1
 NOBLESVILLE, INDIANA

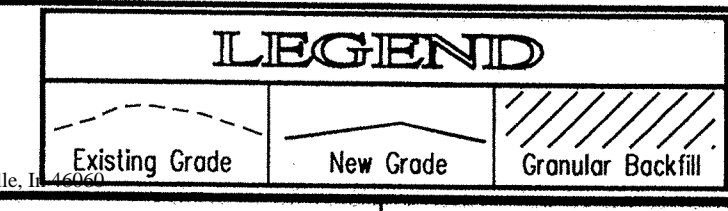
STORM SEWER PLAN

Date	Project No.	Drawn	Approv.
5/04/99	1025.11	DRP	

Computer Files
 J:\1025\DWG\S\11\CS01
 XREF: J:\1025\DWG\S\11\11B5
 XREF: J:\1025\DWG\S\11\11S5
 XREF: J:\1025\DWG\S\11\11S5

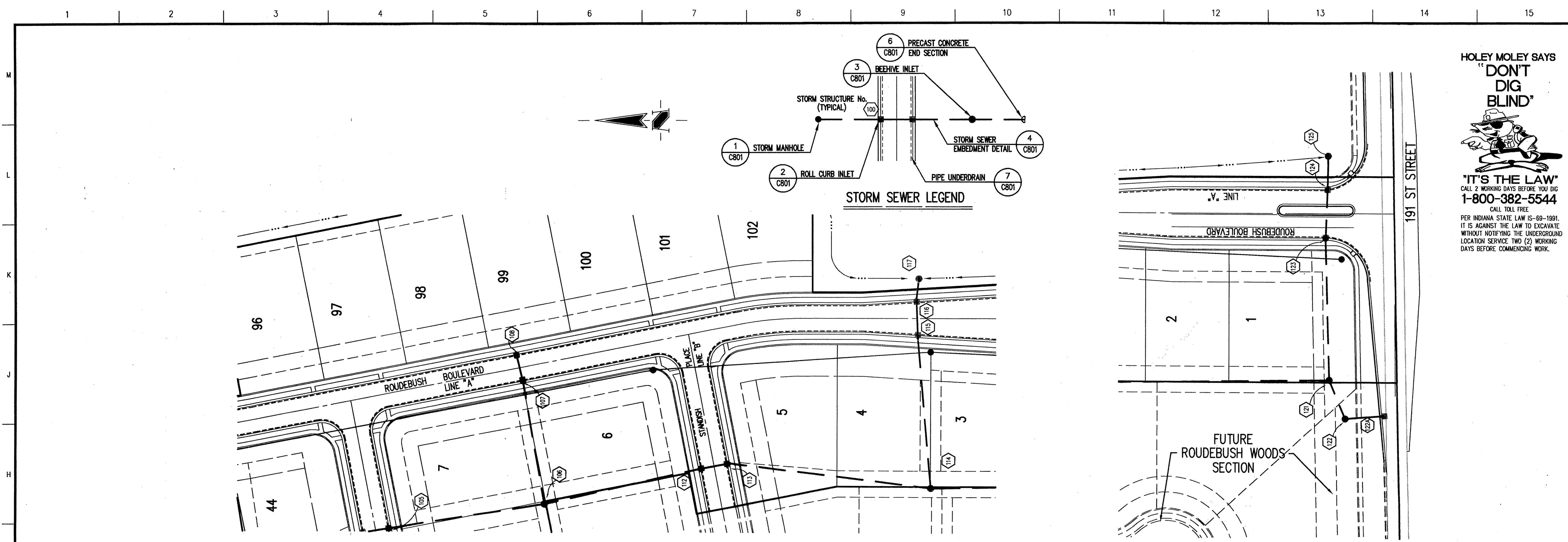
Sheet No.
C601
 JUN 03 2000
 OFFICE OF HAMILTON COUNTY SURVEYOR

STORM SEWER PROFILE



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

STORM SEWER RECORD DRAWING



HOLEY MOLEY SAYS
"DON'T DIG BLIND"

"IT'S THE LAW"
 CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544
 CALL TOLL FREE
 PER INDIANA STATE LAW IS-69-1991,
 IT IS AGAINST THE LAW TO EXCAVATE
 WITHOUT NOTIFYING THE UNDERGROUND
 LOCATION SERVICE TWO (2) WORKING
 DAYS BEFORE COMMENCING WORK.

GENERAL NOTES

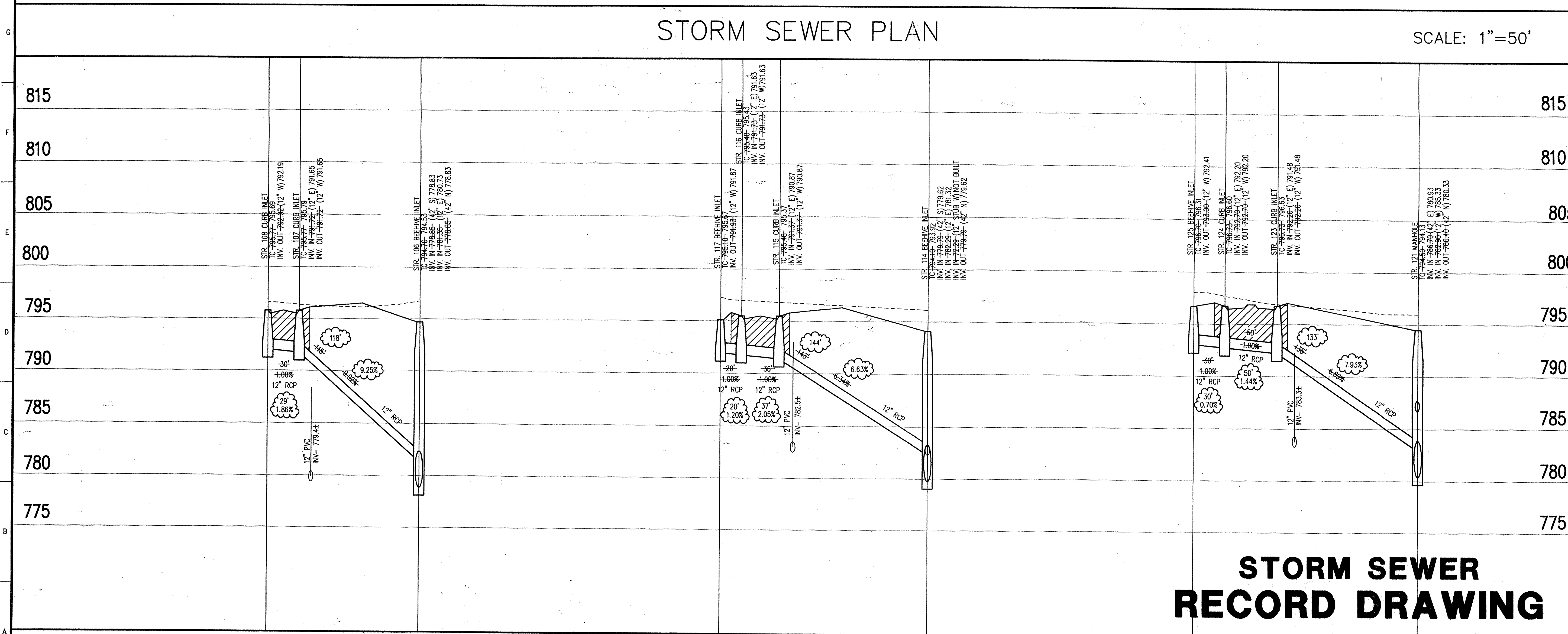
- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
- ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
- CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

BENCHMARK

TBM "104" - TOP OF HARRISON MONUMENT MARKING THE S.E. CORNER W. 1/2 N.W. 1/4 SEC. 28-119N-R5E AT THE CENTERLINE OF 191 ST. STREET AND PROMISE ROAD. ELEVATION = 803.16

TBM "105" - TOP OF HARRISON MONUMENT MARKING THE S.E. CORNER N.W. 1/4 SECTION 28-119N-R5E AT THE CENTERLINE OF 191 ST. STREET 1/4 MILE EAST OF PROMISE ROAD. ELEVATION = 806.71

Revisions
 1. 14 - 12 OCT 99 - STORM SEWER RECORD DRAWING.



CERTIFICATION FOR "RECORD DRAWING"

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

DATE: 10/12/99
 CERTIFIED BY: *J. Cort Cross*

THIS DRAWING AND THE IDEAS, DESIGNS AND CONCEPTS CONTAINED HEREIN ARE THE EXCLUSIVE INTELLECTUAL PROPERTY OF THE SCHNEIDER CORPORATION AND ARE NOT TO BE USED OR REPRODUCED IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF THE SCHNEIDER CORPORATION.

1999, The Schneider Corporation

The Schneider Corporation
 3020 North Post Road
 Indianapolis, Indiana 46228-6518
 317-898-8282
 317-899-8010 Fax

Engineering
 Surveying
 Landscape Architecture
 CIS • LIS
 Geology

Formerly Schneider Engineering Corp. / Bohlen, Meyer, Gibson & Assoc.

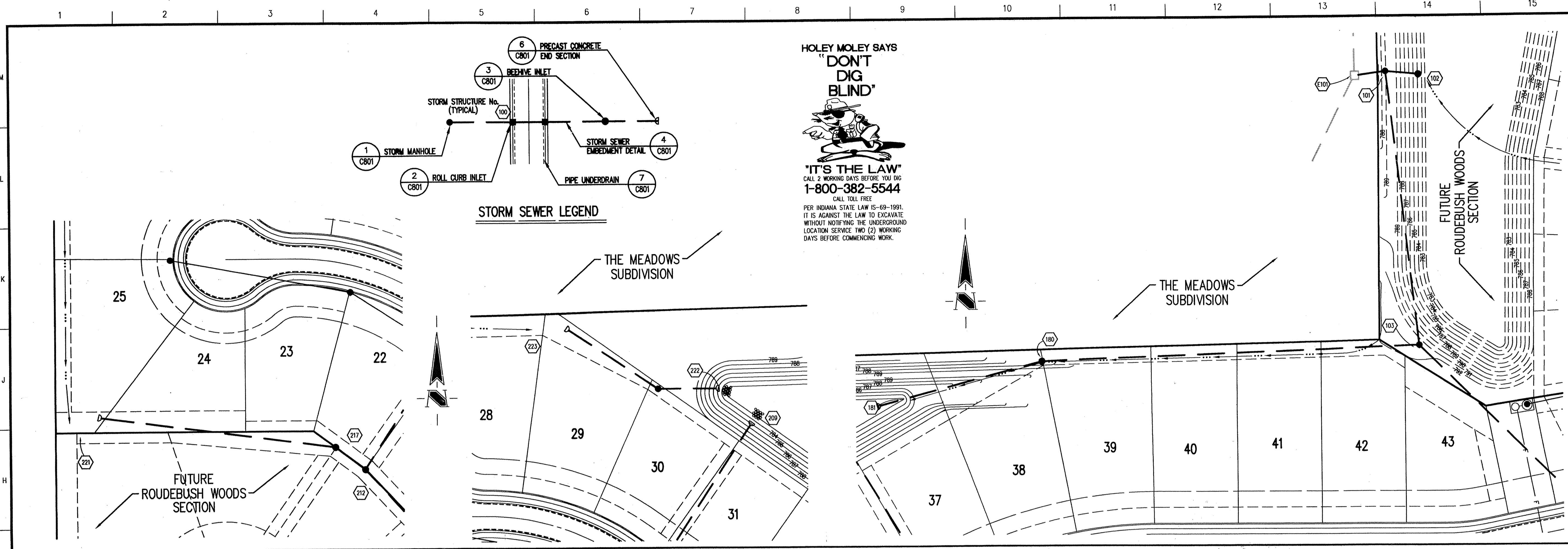
THOMPSON LAND COMPANY, INC.
 ROUDEBUSH WOODS SECTION 1
 NOBLESVILLE, INDIANA

STORM SEWER PLAN

Date: 5/04/99 Project No.: 1025.11 Drawn: DRP Approv.:
 Computer Files: J:\1025\DWG\S\11\CR02 XREF: J:\1025\DWG\S\11\1185 XREF: J:\1025\DWG\S\11\1186 XREF: J:\1025\DWG\S\12\1285

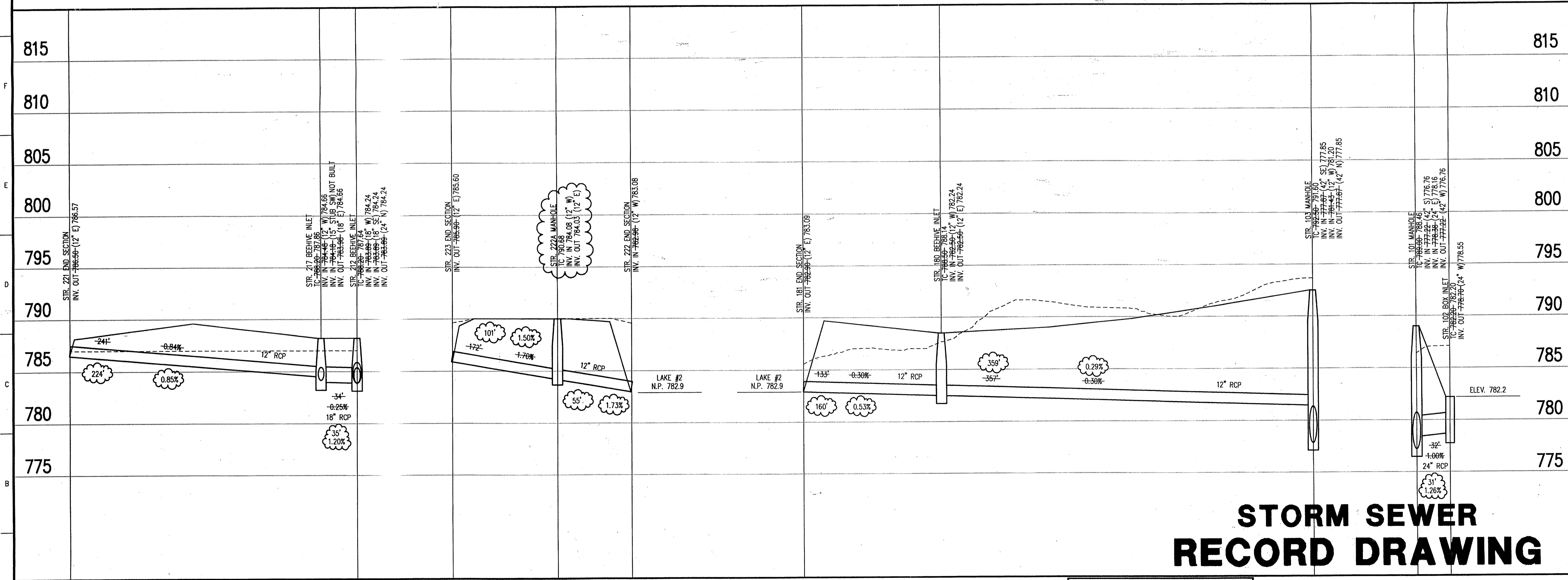
Sheet No. **FILED C602** JUN 9 2000
 OFFICE OF HAMILTON COUNTY SURVEYOR

1:000 UMPS 11 0262.dwg Wed Oct 13 14:46:50 1999



STORM SEWER PLAN

SCALE: 1"=50'



STORM SEWER PROFILE

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

GENERAL NOTES

1. TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
2. ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
3. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
4. CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

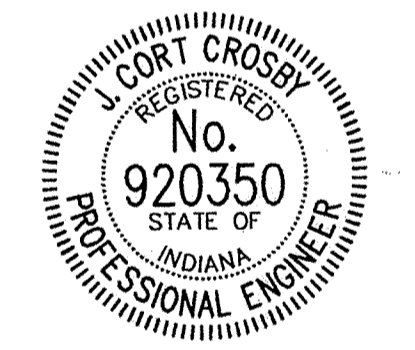
BENCHMARK

TBM "104" - TOP OF HARRISON MONUMENT MARKING THE S.E. CORNER W. 1/2 N.W. 1/4 SEC. 28-119N-R5E AT THE CENTERLINE OF 191 ST. STREET AND PROMISE ROAD. ELEVATION = 803.16
TBM "105" - TOP OF HARRISON MONUMENT MARKING THE S.E. CORNER N.W. 1/4 SECTION 28-119N-R5E AT THE CENTERLINE OF 191 ST. STREET 1/4 MILE EAST OF PROMISE ROAD. ELEVATION = 806.71

Revisions
1. T.J. - 12 OCT 99 - STORM SEWER RECORD DRAWING.

CERTIFICATION FOR "RECORD DRAWING"

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



DATE: 10/2/99
CERTIFIED BY: [Signature]
1999, The Schneider Corporation

The Schneider Corporation
3020 North Post Road
Indianapolis, Indiana 46226-6518
317-898-8282
317-899-8010 Fax
Engineering
Surveying
Landscape Architecture
GIS • LIS
Geology

Formerly Schneider Engineering Corp. / Bohlen, Meyer, Gibson & Assoc.
THOMPSON LAND COMPANY, INC.
ROUDEBUSH WOODS SECTION 1
NOBLESVILLE, INDIANA

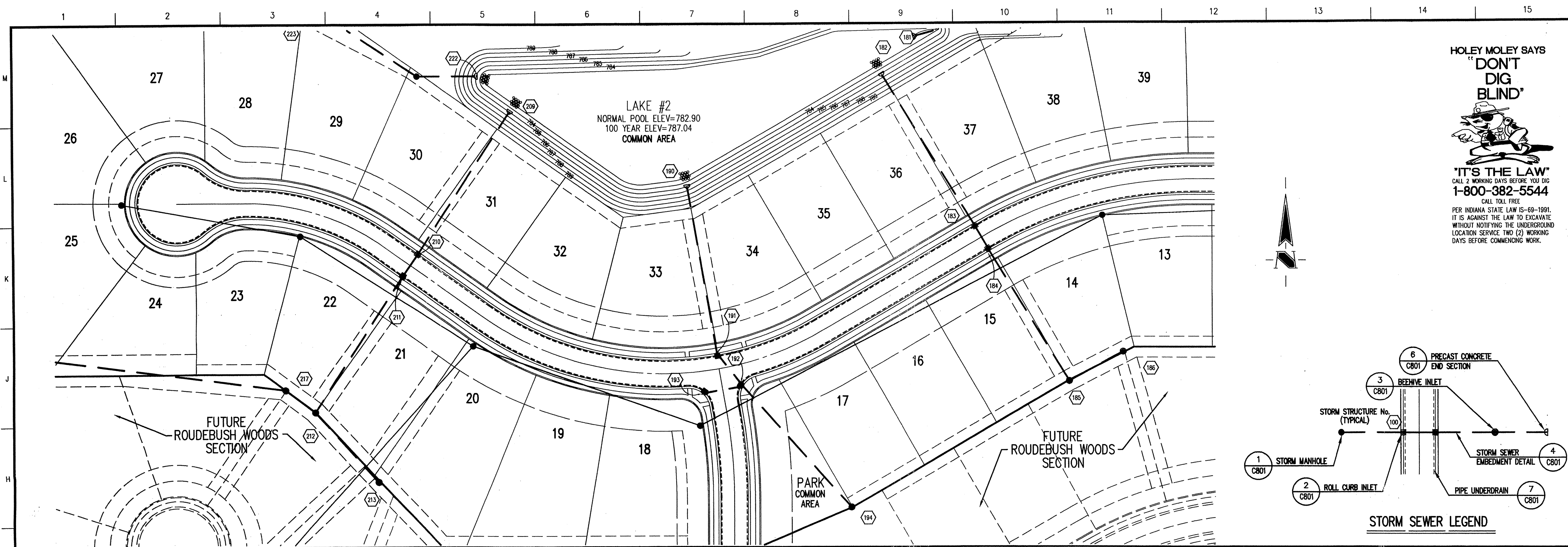
STORM SEWER PLAN

Date	Project No.	Drawn	Apprv.
5/04/99	1025.11	DRP	

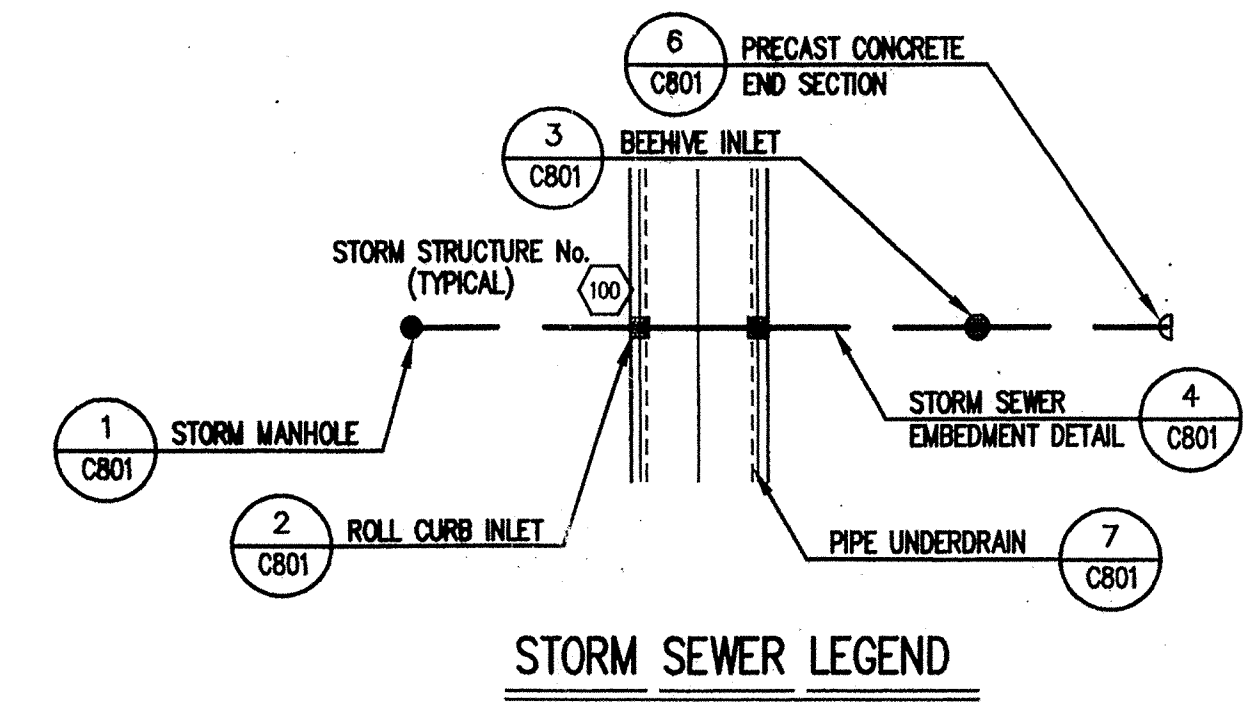
Computer Files
J:\1025\DWG\11\1025.DWG
J:\1025\DWG\11\1185.DWG
J:\1025\DWG\11\1185.DWG
J:\1025\DWG\12\1285.DWG

Sheet No.
FILED C603
JUN 1 1999

OFFICE OF HAMILTON COUNTY SURVEYOR



HOLEY MOLEY SAYS
"DON'T DIG BLIND"
"IT'S THE LAW"
CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544
CALL TOLL FREE
PER INDIANA STATE LAW IS-69-1991
IT IS AGAINST THE LAW TO EXCAVATE
WITHOUT NOTIFYING THE UNDERGROUND
LOCATION SERVICE TWO (2) WORKING
DAYS BEFORE COMMENCING WORK.



GENERAL NOTES

- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL AND STATE STANDARDS.
- ALL CONSTRUCTION ACTIVITY ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH APPLICABLE O.S.H.A. STANDARDS FOR WORKER SAFETY.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS.
- CONTRACTORS SHALL MINIMIZE DAMAGE TO EXISTING TREES.

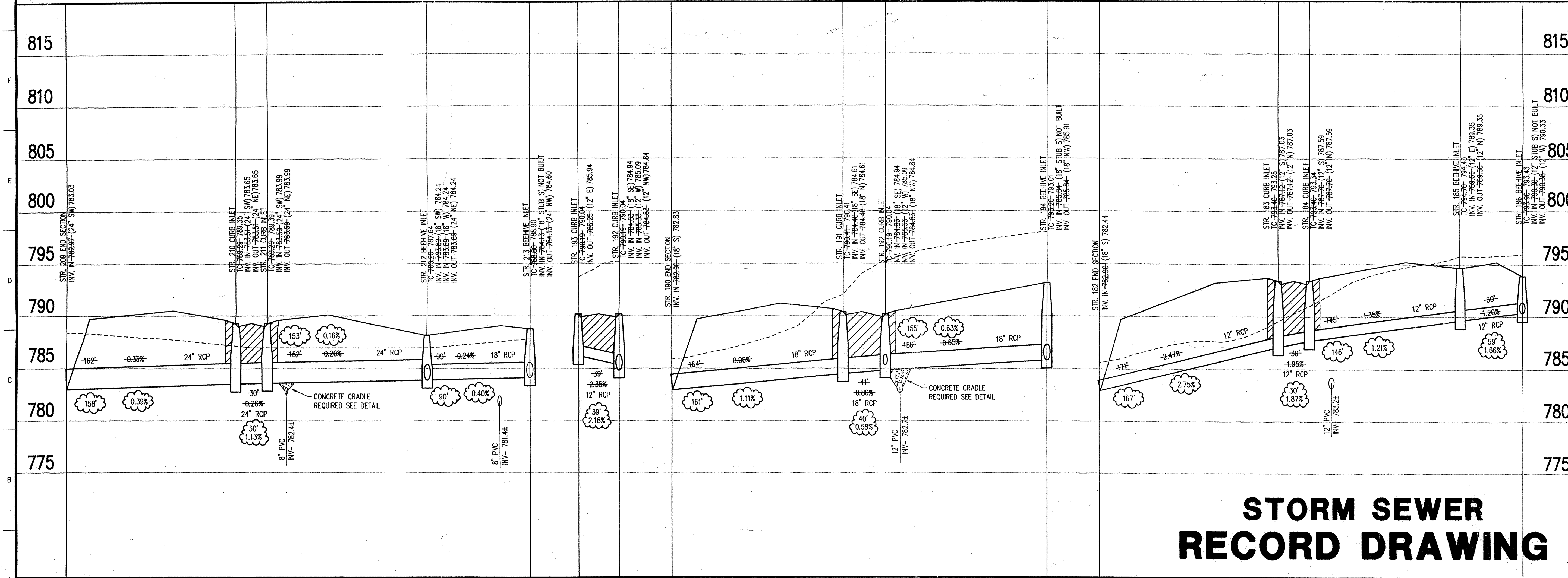
BENCHMARK

TBM "104" - TOP OF HARRISON MONUMENT MARKING THE S.E. CORNER W. 1/2 N.W. 1/4 SEC. 28-119N-R5E AT THE CENTERLINE OF 191 ST. STREET AND PROMISE ROAD. ELEVATION = 803.16
TBM "105" - TOP OF HARRISON MONUMENT MARKING THE S.E. CORNER N.W. 1/4 SECTION 28-119N-R5E AT THE CENTERLINE OF 191 ST. STREET 1/4 MILE EAST OF PROMISE ROAD. ELEVATION = 806.71

Revisions
1. 11 - 12 OCT 99 - STORM SEWER RECORD DRAWING.

STORM SEWER PLAN

SCALE: 1"=50'



CERTIFICATION FOR "RECORD DRAWING"

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

COURT CROSS REGISTERED No. 920350 STATE OF INDIANA PROFESSIONAL ENGINEER

DATE: 10/12/99

CERTIFIED BY: [Signature]

THIS DRAWING AND THE IDEAS, DESIGNS AND CONCEPTS CONTAINED HEREIN ARE THE EXCLUSIVE INTELLECTUAL PROPERTY OF THE SCHNEIDER CORPORATION AND ARE NOT TO BE USED OR REPRODUCED IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF THE SCHNEIDER CORPORATION.

1999, The Schneider Corporation

The Schneider Corporation

3020 North Post Road
Indianapolis, Indiana 46226-6518
317-898-8282
317-899-8010 Fax

Engineering
Surveying
Landscape Architecture
GIS • LIS
Geology

Formerly Schneider Engineering Corp. / Bohlen, Meyer, Gibson & Assoc.

THOMPSON LAND COMPANY, INC.
ROUDEBUSH WOODS SECTION 1
NOBLESVILLE, INDIANA

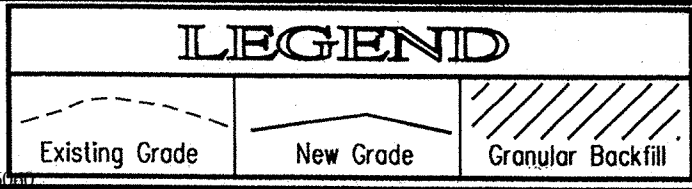
STORM SEWER PLAN

Date	Project No.	Drawn	Approv.
5/04/99	1025.11	DRP	

Computer Files
XREF: 1025.DWG\S11\CR04
XREF: 1025.DWG\S11\11B5
XREF: 1025.DWG\S11\STORM
XREF: 1025.DWG\S12\12B5

Sheet No. 604
OFFICE OF HAMILTON COUNTY SURVEYOR

STORM SEWER RECORD DRAWING



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

STORM SEWER PROFILE

1025.DWG\S11\CR04.dwg Wed Oct 13 14:52:39 1999