

Drain: RUSSELL STUGGART DRAIN **Drain #:** 320
Improvement/Arm: HAZELDELL WOODS - SECTION 1
Operator: JPH **Date:** 6-17-04
Drain Classification: Urban/Rural **Year Installed:** 2000

GIS Drain Input Checklist

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

Gasb 34 Footages for Historical Cost Drain Length Log

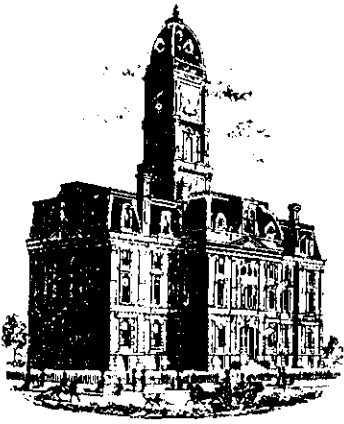
Drain-Improvement: RUSSELL SHUGGART DRAIN - HAZELDELL WOODS - SECTION 2

Drain Type:	Size:	Length <i>SURVING REPORT</i>	Length (DB Query)	Length Reconcile	Price:	Cost:
SSD	6"	10,454.14'	10,454.14'	Ø		
RCP	12"	1,286'	1,286'	Ø		
	15"	1,038'	1,038'	Ø		
	18"	1,010'	1,010'	Ø		
	21"	69'	69'	Ø		
	24"	965'	965'	Ø		
	30"	202'	202'	Ø		

Sum: 15,044.14 15,044.14 Ø

Final Report: _____

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

June 20, 2000

Re: Hazel Dell Woods Section 1 Arm, Russell Shugart Drain

Attached is a petition, non-enforcement request, plans, calculations, quantity summary and assessment roll for the Russell Shugart Drain, Hazel Dell Woods 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:

6" SSD 12,163 Ft	15" RCP 1,075 Ft	24" RCP 965 Ft
12" RCP 1,286 Ft	18" RCP 981 Ft	36" RCP 144 Ft
12" CMP 20 Ft	21" RCP 69 Ft	

The total length of the drain will be 16,703 feet.

The retention ponds (lakes) A, B, C, D and E in Section 1 located in Common Areas B, C and E are 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 64-66, 67-69, Str. 762 (North), Str. 762 (South), 1-7, 12-15, 16-23, 25-27, 28-33, 50-58, 48-49, 47, 42-26, 59-61, 61-63 and 36-41.

I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally per the assessment schedule established for the Russell Shugart Drain. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$65.00 per lot, \$10.00 per acre for roadways, with a \$65.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$5,004.60.

Parcels assessed to this drain may be assessed for the Emily Vestal Drain at sometime in the future. This arm shall be assessed as part of the Russell Shugart Drain and not as a separate drain.

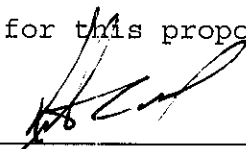
The offsite drainage for this development was done under the Russell Shugart Drain reconstruction. See my report dated June 12, 2000.

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 widths as shown on the secondary plat for Hazel Dell 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 July 24, 2000.

KCW/kkw



Kenton C. Ward
Hamilton County Surveyor



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

May 17, 2004

Re: Russell Shuggart Drain: Hazedell Woods Sec. 1

Attached are as-builts, certificate of completion & compliance, and other information for Hazedell Woods Sec. 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, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated June 20, 2000. The report was approved by the Board at the hearing held July 24, 2000. (See Drainage Board Minutes Book 5, Pages 406-407)
 The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
701		814.27				
702	819.62	814.16	15	46		
702	819.62	814.16				
703	823.09	817.44	12	334		
703	823.09	817.44				
704		818.04	12	37		
702	819.62	814.16				
706	816.23	814.35	12	39		
753		817.98				
754	820.38	818.22	18	110	118	-8
707		817.98				
708	822.46	818.63	15	160		
708	822.46	818.63				
709	822.54	818.84	12	30		
710		818				
711	824.2	818.61	18	130		
711	824.2	818.61				
712	823.52	818.68	18	24		
712	823.52	818.68				
713	823.55	818.82	15	30		
713	823.55	818.62				
714		819.89	12	219		
715		818.14				

716	825	819.02	18	160		
716	825	819.02				
717	824.97	819.15	15	30		
717	824.97	819.15				
718	822.09	819.99	12	131		
719		818.02				
720	824.56	818.18	18	41		
720	824.56	818.18				
721	827.59	818.69	18	154		
721	827.59	818.69				
722	827.74	818.84	15	30		
722	827.74	818.84				
723		819.89	15	251		
724		820.04				
725	824.76	820.31	24	29		
725	824.76	820.31				
726	831.76	821.57	24	130		
726	831.76	821.57				
727	831.35	822.32	24	73		
727	831.35	822.32				
728		825.96	24	369		
729		816.05				
730	821.47	816.67	24	108		
730	821.47	816.67				
731	823.04	816.88	24	72		
731	823.04	816.88				
732	822.17	817.26	24	86		
732	822.17	817.26				
733	821.49	817.45	24	20		
733	821.49	817.45				
734	821.72	817.77	24	59		
734	821.72	817.77				
734A	822.19	818.09	24	19		
734	821.72	817.77				
734B	821.44	818.14	15	33		
762A	824.35	813.95				
764	820.16	815.76	30	187	Not Reported	187
764	820.16	815.76				
765		815.96	30	15	Reported as 36"	144
735		816.02				
736	821.08	816.23	18	37	Reported as 15"	
736	821.08	816.23				
737	821.66	817.14	12	95		
737	821.66	817.14				
738		818.01	12	219		
736	821.08	816.23				

739	821.64	816.81	18	145		
739	821.64	816.81				
740	821.71	817.32	15	30		
740	821.71	817.32				
741	822.23	817.57	15	33		
741	822.23	817.57				
742	820.18	818.19	15	126		
743		818.37				
744	823.12	818.83	21	69		
744	823.12	818.83				
745	824.95	820.55	18	209		
745	824.95	820.55				
746	825.2	821.65	15	41		
746	825.2	821.65				
747	832.42	822.88	15	131		
747	832.42	822.88				
748	827.96	824.89	12	95		
745	824.95	820.55				
749	824.71	820.59	15	45		
749	824.71	820.59				
750	825.22	821.22	15	52		
744	823.12	818.83				
752	822.83	819.37	12	43		
744	823.12	818.83				
751	822.76	819.24	12	44		

6" SSD Streets:

Flinchum Way	2144
Bruce Blvd	1364.68
Linda Way	89.39
x2	

Total: 7196.14

RCP Pipe Totals:

12	1286
15	1038
18	1010
21	69
24	965
30	202

Total: 4570

6" SSD Lots:

64-69	430
1-7	415
16-23	660
25-33	607
50-51	114
42-47	325
59-63	252
36-41	360
48-49	95

Total: 3258

Other Drain:

12" CMP	20
---------	----

The length of the drain due to the changes described above is now **15,044.14 feet**.

The non-enforcement was approved by the Board at its meeting on July 24, 2000 and recorded under instrument #200000061202.

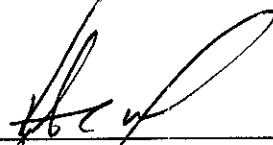
The following sureties were guaranteed by Fifth Third Bank and released by the Board on its January 28, 2002 meeting.

Bond-LC No: SB12288
Insured For: Storm Sewers
Amount: \$202,214.00
Issue Date: August 21, 2000

Bond-LC No: SB12298
Insured For: Erosion Control
Amount: \$38,500
Issue Date: August 21, 2000

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

Sincerely,

A handwritten signature in black ink, appearing to read 'K. C. Ward', written over a horizontal line.

Kenton C. Ward,
Hamilton County Surveyor

KCW/slm



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, CFM
Surveyor of Hamilton County
Phone (317) 776-8495

Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

November 21, 2008

**Re: Russell Shuggart Drain: Hazedell Woods Sec. 1
 (Revised Final Report)**

Attached are as-builts, certificate of completion & compliance, and other information for Hazedell Woods Sec. 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, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated June 20, 2000. The report was approved by the Board at the hearing held July 24, 2000. (See Drainage Board Minutes Book 5, Pages 406-407)

The changes are as follows:

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
701		814.27				
702	819.62	814.16	15	46		
702	819.62	814.16				
703	823.09	817.44	12	334		
703	823.09	817.44				
704		818.04	12	37		
702	819.62	814.16				
706	816.23	814.35	12	39		
753		817.98				
754	820.38	818.22	18	110	118	-8
707		817.98				
708	822.46	818.63	15	160		
708	822.46	818.63				
709	822.54	818.84	12	30		
710		818				
711	824.2	818.61	18	130		
711	824.2	818.61				
712	823.52	818.68	18	24		
712	823.52	818.68				
713	823.55	818.82	15	30		
713	823.55	818.62				
714		819.89	12	219		

715		818.14				
716	825	819.02	18	160		
716	825	819.02				
717	824.97	819.15	15	30		
717	824.97	819.15				
718	822.09	819.99	12	131		
719		818.02				
720	824.56	818.18	18	41		
720	824.56	818.18				
721	827.59	818.69	18	154		
721	827.59	818.69				
722	827.74	818.84	15	30		
722	827.74	818.84				
723		819.89	15	251		
724		820.04				
725	824.76	820.31	24	29		
725	824.76	820.31				
726	831.76	821.57	24	130		
726	831.76	821.57				
727	831.35	822.32	24	73		
727	831.35	822.32				
728		825.96	24	369		
729		816.05				
730	821.47	816.67	24	108		
730	821.47	816.67				
731	823.04	816.88	24	72		
731	823.04	816.88				
732	822.17	817.26	24	86		
732	822.17	817.26				
733	821.49	817.45	24	20		
733	821.49	817.45				
734	821.72	817.77	24	59		
734	821.72	817.77				
734A	822.19	818.09	24	19		
734	821.72	817.77				
734B	821.44	818.14	15	33		
762A	824.35	813.95				
764	820.16	815.76	30	187	Not Reported	187
764	820.16	815.76				
765		815.96	30	15	Reported as 36"	144
735		816.02				
736	821.08	816.23	18	37	Reported as 15"	
736	821.08	816.23				
737	821.66	817.14	12	95		
737	821.66	817.14				
738		818.01	12	219		

736	821.08	816.23			
739	821.64	816.81	18	145	
739	821.64	816.81			
740	821.71	817.32	15	30	
740	821.71	817.32			
741	822.23	817.57	15	33	
741	822.23	817.57			
742	820.18	818.19	15	126	
743		818.37			
744	823.12	818.83	21	69	
744	823.12	818.83			
745	824.95	820.55	18	209	
745	824.95	820.55			
746	825.2	821.65	15	41	
746	825.2	821.65			
747	832.42	822.88	15	131	
747	832.42	822.88			
748	827.96	824.89	12	95	
745	824.95	820.55			
749	824.71	820.59	15	45	
749	824.71	820.59			
750	825.22	821.22	15	52	
744	823.12	818.83			
752	822.83	819.37	12	43	
744	823.12	818.83			
751	822.76	819.24	12	44	

6" SSD Streets:

Flinchum Way	2144
Bruce Blvd	1364.68
Linda Way	89.39
x2	

Total: 7196.14

RCP Pipe :

12	1286
15	1038
18	1010
21	69
24	965
30	202
Total:	4570

This fall it was discovered through field investigations and discussions with the drainage inspector for this project that the SSD was never installed in the rear of the lots. Also not installed was the 12" CMP. The original final report listed length of the drain at 15,044.14 feet. Due to the changes mentioned the length of drain is now **11,766.14 ft.**

The non-enforcement was approved by the Board at its meeting on July 24, 2000 and recorded under instrument #200000061202.

The following sureties were guaranteed by Fifth Third Bank and released by the Board on its January 28, 2002 meeting.

Bond-LC No: SB12288
Insured For: Storm Sewers
Amount: \$202,214.00

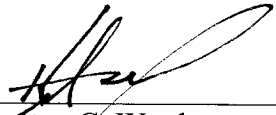
Bond-LC No: SB12298
Insured For: Erosion Control
Amount: \$38,500

Insured For: Storm Sewers
Amount: \$202,214.00
Issue Date: August 21, 2000

Insured For: Erosion Control
Amount: \$38,500
Issue Date: August 21, 2000

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

Sincerely,

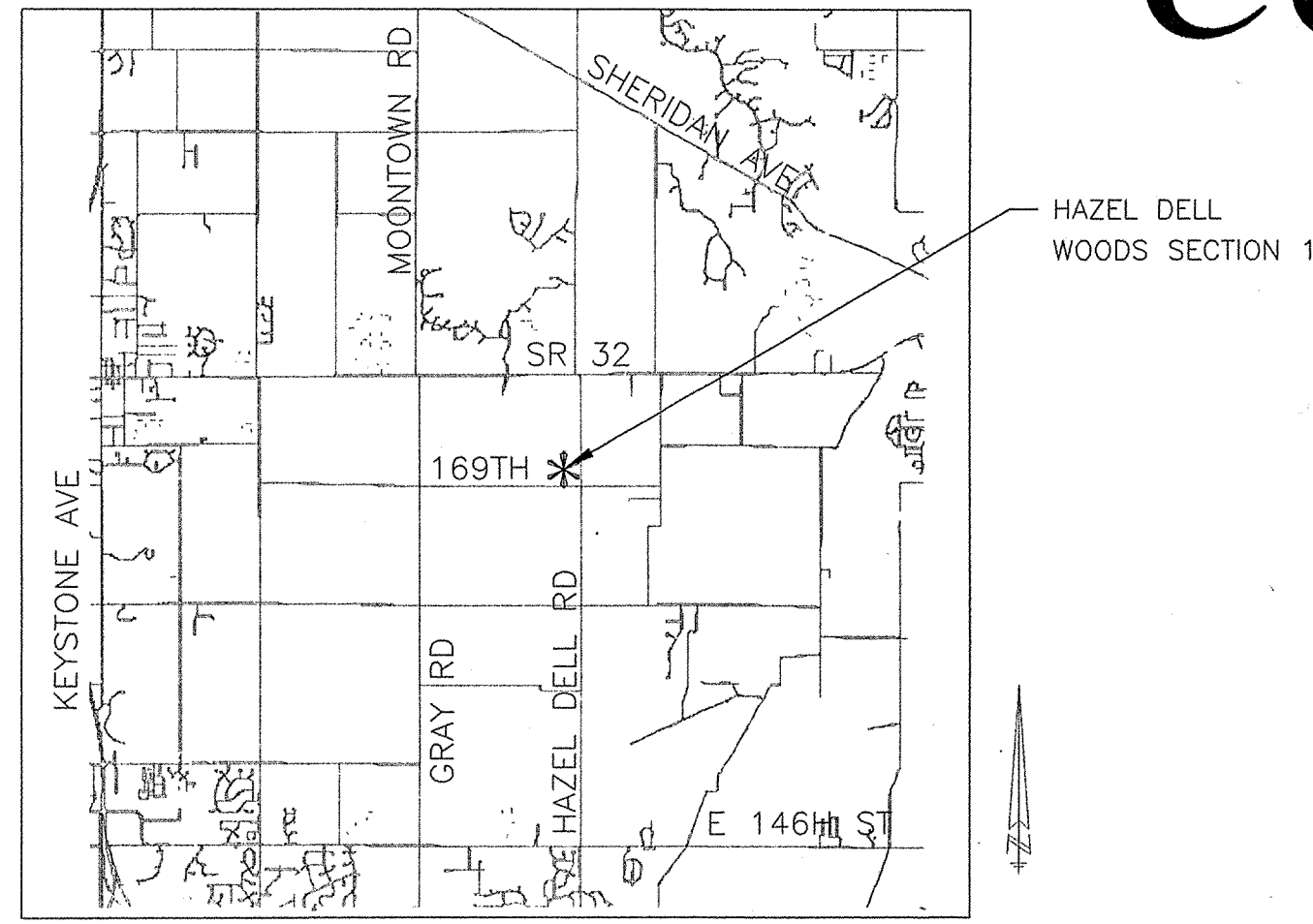


Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

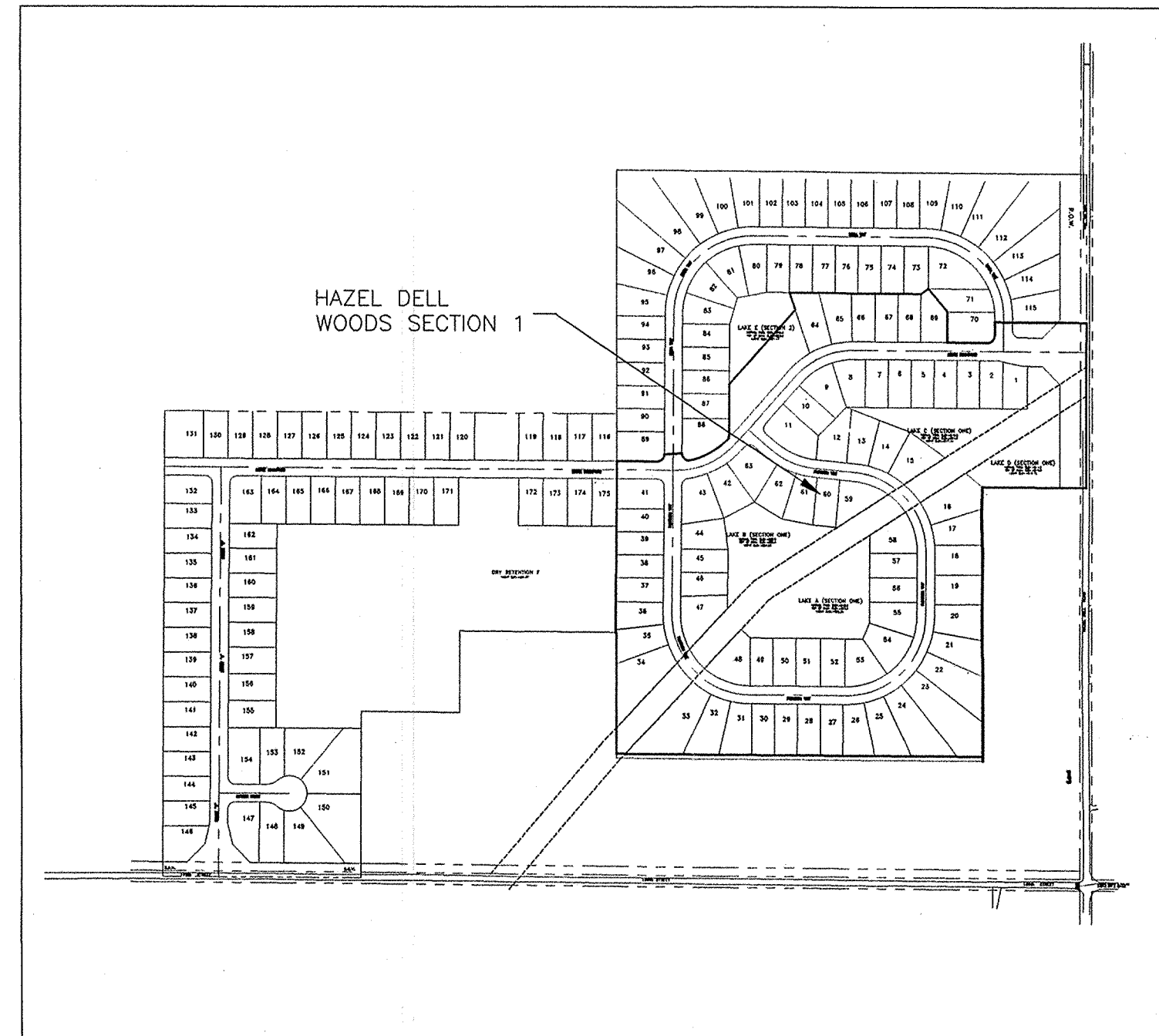
CONSTRUCTION PLANS FOR HAZEL DELL WOODS SECTION 1

- GENERAL NOTES: 1) THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, OR VERIFYING THAT ALL PERMITS AND APPROVALS ARE OBTAINED FROM THE RESPECTIVE CITY, COUNTY, AND STATE AGENCIES PRIOR TO STARTING CONSTRUCTION.
- 2) IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES IN THE VICINITY OF THE CONSTRUCTION AREA PRIOR TO STARTING CONSTRUCTION.
- 3) IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO NOTIFY AND COORDINATE CONSTRUCTION WITH ALL RESPECTIVE UTILITIES.
- 4) ALL QUANTITIES GIVEN ON THESE PRINTS, VERBALLY OR IN THE SCOPE OF WORK SECTION ARE ESTIMATES AND SHALL BE CONFIRMED BY THE BIDDING CONTRACTORS.
- 5) 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.
- 6) IN ADDITION, EXCAVATION EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
- 7) IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER AND CONTRACTOR TO MAINTAIN QUALITY CONTROL THROUGHOUT THIS PROJECT.
- 8) TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL STANDARDS.
- 9) THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS AND METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS.
- 10) ANY FIELD TILES ENCOUNTERED DURING EXCAVATION SHALL BE REPAIRED AND CONNECTED TO NEW STORM SEWERS AND POSITIVE DRAINAGE PRESERVED.
- 12) THE SITE DOES NOT LIE IN A SPECIAL FLOOD HAZARD AREA AS ESTABLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY - NATIONAL FLOOD INSURANCE PROGRAM, MAP #180082 0015E, DATED SEPTEMBER 24, 1982.
- 13) BEARINGS, DIMENSIONS AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY. SEE RECORD SURVEYS & PLAT FOR EXACT INFORMATION.
- 14) THE SITE DOES NOT CONTAIN A WETLANDS AS ESTABLISHED BY THE U.S. DEPARTMENT OF THE INTERIOR FISH AND WILDLIFE SERVICE, NOBLESVILLE, INDIANA, NATIONAL WETLANDS INVENTORY MAP DATED 1989.
- 15) CONSTRUCTION DRAWINGS WILL BE SUBMITTED TO EQUILON FOR THEIR APPROVAL BEFORE ANY CONSTRUCTION AROUND THE PIPELINE.
- 16) A 48 HOUR NOTICE MUST BE GIVEN TO APPROPRIATE ONE-CALL SYSTEM BEFORE CONSTRUCTION BEGINS. A EQUILON REPRESENTATIVE WILL BE PRESENT DURING ACTIVITY AROUND THE PIPELINE.
R. E. (DICK) WADDELL, OPERATIONS SUPERVISOR
EQUILON PIPELINE COMPANY LLC
P.O. BOX 7
ZIONSVILLE, INDIANA 46268
TELEPHONE (317) 870-0122



AREA MAP
INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-4	EXISTING CONDITIONS / DEMOLITION PLAN
5-7	DEVELOPMENT PLAN
8-11	STREET PLAN & PROFILE SHEETS
12,13,13A-18	STORM SEWER PLAN & PROFILE SHEETS
19-19A	OFFSITE SANITARY SEWER PLAN & PROFILE SHEETS
20-25	SANITARY SEWER PLAN & PROFILE SHEETS
26-28	EROSION CONTROL PLAN
29	TRAFFIC MAINTENANCE / ENTRANCE PLAN
30	TRAFFIC CONTROL PLAN
31	INTERSECTION DETAIL SHEET
32-33	DETAIL SHEET
34	SPECIFICATION SHEET
35	OFFSITE WATER MAIN PLAN
36-37	OFFSITE WATER MAIN PLAN & PROFILE
38-39	WATER MAIN PLAN
40	WATER MAIN DETAIL SHEET
41	WATER MAIN SPECIFICATION SHEET

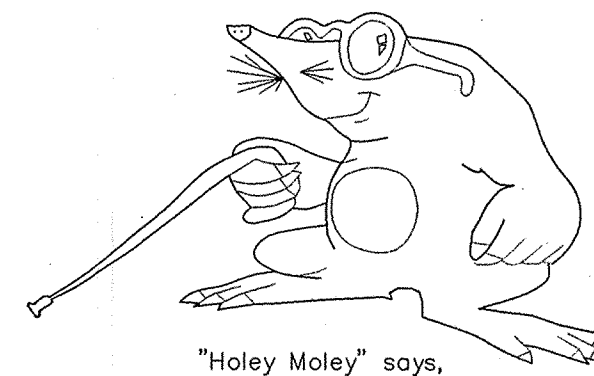


SITE LOCATION MAP
BENCHMARK

RECORD DRAWING
SANITARY SEWER AS-BUILTS
SANITARY SEWER STRUCTURES ONLY
10/25/00

2.5 miles west along the Central Indiana Railway from the station at Noblesville, in the SW angle of the crossing with Mill Creek Road, 55 feet west of the centerline of the road, 11 feet south of the south rail, 35 feet west of a fence corner, 9 feet north of the fence line, and about 2 feet higher than the track. A state survey standard disk, stamped "104" and set in the top of a concrete post flush with the ground.
ELEVATION - 809.50 (NGVD 1929)

RECORD DRAWING
STORM SEWER AS-BUILTS
STORM SEWER STRUCTURES ONLY
10/31/00



"Holey Moley" says,
"DON'T DIG BLIND"

Call Monday through Friday 7 AM to 5 PM
1-800-357-5544 1-800-428-5030
Within Indiana Outside Indiana

PER INDIANA STATE LAW (5-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

INDIANA STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS LATEST EDITION TO BE USED WITH THESE PLANS.

DESIGN DATA:
TOTAL ACREAGE = 30.00± ACRES
NUMBER LOTS = 69
DESIGN SPEED = 25 M.P.H.
STREET LENGTH:
BRUCE BOULEVARD 1465.04'
FLINCHUM WAY 2288.43'

TOTAL LENGTH: 3,753.47'

PLANS PREPARED FOR:

BAY DEVELOPMENT CORP.
10415 N. COLLEGE AVE.
INDIANAPOLIS, IN 46280
TELEPHONE: (317) 844-8844
CONTACT PERSON: URSELL COX

PLANS PREPARED BY:

WEIHE ENGINEERS, INC.
10505 N. COLLEGE AVE.
INDIANAPOLIS, IN 46280
TELEPHONE: (317) 846-6611
CONTACT PERSON: MAX MOUSER - ENGINEER
PAUL MONKE - STAKING

OPERATING AUTHORITIES:

Hamilton County Surveyor
One Hamilton Square, Suite 146
Noblesville IN 46060
(317) 776-8495

City of Noblesville
Wastewater Utility
197 Washington Street
Noblesville IN 46060
(317) 776-6353

Hamilton County Highway Department
1717 Pleasant Street
Noblesville IN 46060
(317) 773-7770

Indiana Gas Company
15900 Allisonville Road
Noblesville IN 46060
(317) 773-0430

Insight Cablevision
15229 Stony Creek Way
Noblesville IN 46060
(317) 776-0660

CINERGY/PSI ENERGY
100 S. MILL CREEK
NOBLESVILLE, IN 46060
(800) 521-2232

Ameritech
5858 N College Ave.
Indianapolis IN 46220
(317) 252-4267

Indianapolis Water Company/
Harbor Water
P.O. Box 1220
Indianapolis, IN 46206
(317) 263-6347

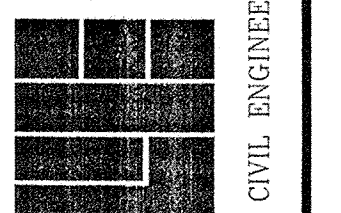
Hamilton County Soil Conservation Service
925 Division Street
Noblesville IN 46060
(317) 773-1406

Equilon Pipeline Company, LLC
P.O. Box 7
Zionsville, IN 46268
(317) 870-0122

REVISIONS

SHEET NO.	DESCRIPTION	DATE
ALL	MINOR REVISIONS PER T.A.C REVIEW	4/6/00
ALL	MINOR REVISIONS	5/1/00
ALL	MINOR REVISIONS	5/5/00
ALL	MINOR REVISIONS - HAMILTON COUNTY HIGHWAY	5/22/00
ALL	REVISIONS PER HAMILTON COUNTY	6/22/00
5,6,19,19A,21	REVISIONS TO SANITARY	7/12/00
5,20,21	REVISIONS TO SANITARY	7/20/00
5,6,19-25	SANITARY SEWER AS-BUILTS	10/25/00
5,6,12,13,13A-18	STORM SEWER AS-BUILTS	10/31/00
35,38-39	WATER AS-BUILTS	11/8/00

WEIHE ENGINEERS, INC.
ALLAN H. WEIHE, P.E. - L.S.
PRESIDENT
MICHAEL L. DEBOY, L.S.
VICE - PRESIDENT
10505 N. COLLEGE AVENUE
INDIANAPOLIS, INDIANA 46280
(317) 846-6611 FAX (317) 843-0516
TOLL-FREE (800) 452-6408
• LAND PLANNERS • LAND SURVEYORS • CIVIL ENGINEERS • LANDSCAPE ARCHITECTS



PROJECT NO. 0000000000
DWG. NAME: 0000000000
DATE: 11/21/00

BY: [Signature]
DATE: 11/21/00

DATE: 11/21/00

DATE: 11/21/00

DATE: 11/21/00

DATE: 11/21/00

DATE: 11/21/00

DATE: 11/21/00

DATE: 11/21/00

DATE: 11/21/00

DATE: 11/21/00

DATE: 11/21/00

DATE: 11/21/00

DATE: 11/21/00

DATE: 11/21/00

DATE: 11/21/00

DATE: 11/21/00

DATE: 11/21/00

DATE: 11/21/00

DATE: 11/21/00

LEGEND

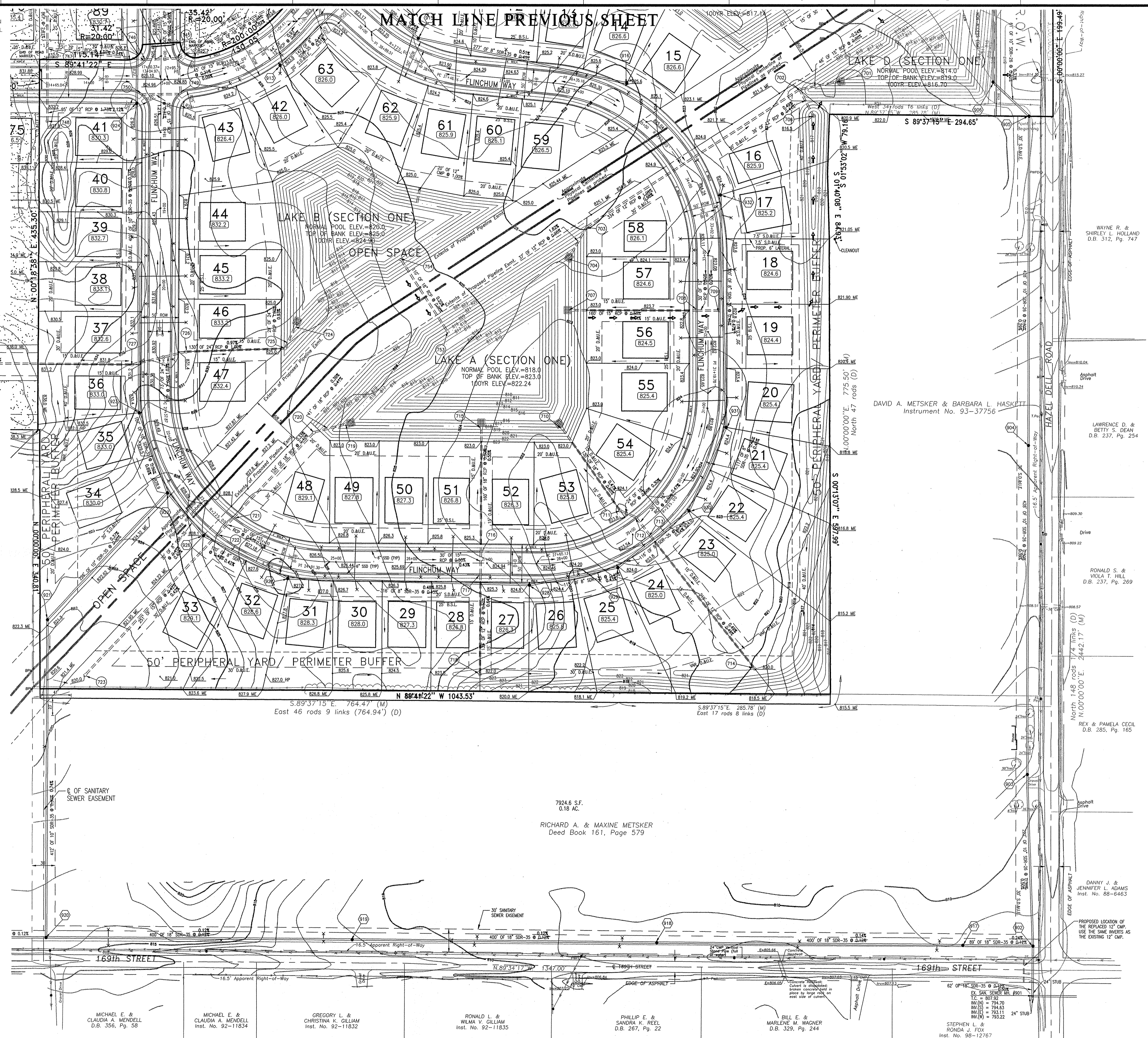
- = RIGHT-OF-WAY LINE
- - - = STORM SEWER LINE
- - - = SWALE
- - - = SANITARY SEWER LINE
- - - = SANITARY SEWER MANHOLE
- - - = SANITARY SEWER LATERAL
- - - = FLOW DIRECTION
- - - = EXISTING SPOT ELEVATION
- - - = EXISTING CONTOURS
- - - = PROPOSED ELEVATION
- - - = STORM BEEHIVE INLET
- - - = STORM INLET
- - - = TOP OF CASTING
- - - = INVERT
- - - = REINFORCED CONCRETE PIPE
- - - = MANHOLE
- - - = STRUCTURE
- - - = DRAINAGE AND UTILITY EASEMENT
- - - = SANITARY, DRAINAGE, AND UTILITY EASEMENT
- - - = SANITARY SEWER
- - - = HANDICAP RAMP
- - - = MATCH EXISTING GRADE
- - - = SUBSURFACE DRAIN
- - - = AND SUMP LINE
- - - = STORM SEWER
- - - = GRANULAR BACKFILL
- - - = CONCRETE END SECTION
- - - = SUBSURFACE DRAIN
- - - = SANITARY SEWER PIPE
- - - = SANITARY SEWER PIPE (DUCTILE IRON)
- - - = NORMAL POOL ELEVATION
- - - = PROPOSED PAD ELEVATION
- - - = MINIMUM PAD ELEVATION
- - - = TYPICAL
- - - = PROPOSED
- - - = EXISTING
- - - = RADIUS
- - - = BURIED PIPELINE MARKER

X = AS-BUILT SANITARY LATERAL LOCATION
 X = AS-BUILT SUBSURFACE DRAIN LATERAL
 = EMERGENCY FLOW DIRECTION
 = FUTURE SECTIONS

T.C. = TOP OF CASTING
 INV. = INVERT
 R.C.P. = REINFORCED CONCRETE PIPE
 M.H. = MANHOLE
 STR. = STRUCTURE
 D. & U.E. = DRAINAGE AND UTILITY EASEMENT
 S.D. & U.E. = SANITARY, DRAINAGE, AND UTILITY EASEMENT
 SAN. = SANITARY SEWER
 H.C. = HANDICAP RAMP
 M.E. = MATCH EXISTING GRADE
 S.S.D. = SUBSURFACE DRAIN
 S.S.P. = SANITARY SEWER PIPE
 S.S.P.(D.I.) = SANITARY SEWER PIPE (DUCTILE IRON)

N.P.E. = NORMAL POOL ELEVATION
 P.P.E. = PROPOSED PAD ELEVATION
 M.P.E. = MINIMUM PAD ELEVATION
 TYP. = TYPICAL
 PROP. = PROPOSED
 EX. = EXISTING
 R. = RADIUS
 B.P.M. = BURIED PIPELINE MARKER

1" = 60'
 0 30 60 120



- #### NOTES
- 1.) SIDEWALKS TO BE INSTALLED AS SHOWN ON THIS PLAN
 - 2.) CURB UNDERDRAINS WILL BE INSTALLED THROUGHOUT THIS ENTIRE PROJECT.
 - 3.) 2" ROLLED CURB & GUTTER SHALL BE INSTALLED THROUGHOUT ENTIRE PROJECT AS SHOWN UNLESS NOTED OTHERWISE.
 - 4.) A HANDICAPPED RAMP IS TO BE INSTALLED AT ALL LOCATIONS WHERE A SIDEWALK IS SHOWN INTERSECTING A CURB & SHALL NOT BE INTERFERED WITH BY STORM DRAINAGE INLETS.
 - 5.) CONTRACTOR TO DESIGNATE SANITARY LATERAL ENDS WITH A WOODEN 2"x4" ABOVE GROUND PAINTED BRIGHT GREEN STAKE.
 - 6.) ANY DRAINAGE TILE SYSTEM COMING ONTO HAZEL DELL WOODS DEVELOPMENT SHALL BE CONNECTED INTO THE PROPOSED DRAINAGE SYSTEM IN ORDER TO MAINTAIN POSITIVE DRAINAGE FOR THE OFFSITE SYSTEM.
 - 7.) THE LOWEST FLOOR ELEVATION RECEIVING GRAVITY SERVICE MUST BE A MINIMUM OF ONE FOOT ABOVE THE TOP OF CASTING OF THE NEAREST SANITARY MANHOLE, OR A GRINDER PUMP SHALL BE REQUIRED.
 - 8.) THE FINISHED FLOOR ELEVATION SHALL BE 12" ABOVE THE PAD ELEVATION.
 - 9.) TRASH GUARDS TO BE PLACED ON ALL CONCRETE END SECTIONS ACCEPTING WATER AND ALL POND OUTLETS.
 - 10.) NO UTILITY FEDESTALS TO BE INSTALLED OVER A STORM OR SANITARY SEWER LINE, I.E. ELECTRIC.
 - 11.) NO PLANTS OR TREES ARE TO BE PLACED WITHIN THE REGULATED DRAIN EASEMENTS.
 - 12.) FULL DEPTH GRANULAR BACKFILL IS REQUIRED FROM RIGHT-OF-WAY LINE TO RIGHT-OF-WAY LINE FOR ALL LATERALS.
 - 13.) THERE SHALL BE NO CONNECTIONS MADE TO THE STREET SUBSURFACE DRAIN.

- #### GENERAL NOTES
- 1) THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, OR VERIFYING THAT ALL PERMITS AND APPROVALS ARE OBTAINED FROM THE RESPECTIVE CITY, COUNTY, AND STATE AGENCIES PRIOR TO STARTING CONSTRUCTION.
 - 2) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES IN THE VICINITY OF THE CONSTRUCTION AREA PRIOR TO STARTING CONSTRUCTION.
 - 3) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY AND COORDINATE CONSTRUCTION WITH ALL RESPECTIVE UTILITIES.
 - 4) ALL QUANTITIES GIVEN ON THESE PRINTS OR IN THE SCOPE OF WORK SECTION ARE ESTIMATES AND SHALL BE CONFIRMED BY THE BIDDING CONTRACTORS.
 - 5) 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.
 - 6) IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
 - 7) IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER AND CONTRACTOR TO MAINTAIN QUALITY CONTROL THROUGHOUT THIS PROJECT.
 - 8) TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL STANDARDS.
 - 9) BEARINGS, DIMENSIONS, AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY. SEE RECORD SURVEYS AND PLATS FOR EXACT INFORMATION.
 - 10) DO NOT STAKE HOMES FROM THESE PLANS. SEE PLOT PLANS FOR DETAILS OF HOMES AND DIMENSIONS.
 - 11) END OF ROAD MARKERS TO BE PLACED AT ALL STREET STUBS.
 - 12) ALL STORM STRUCTURES DEEPER THAN 4' SHALL BE MANHOLE STRUCTURES.
 - 13) NO TREES, SIGNS, STREET LIGHTING, LANDSCAPING OR OTHER SUCH AMENITIES SHALL BE PERMITTED WITHIN THE MEDIAN OR ANY OTHER RIGHT OF WAY.

RECORD DRAWING
SANITARY SEWER AS-BUILTS
SANITARY SEWER STRUCTURES ONLY
10/25/00

RECORD DRAWING
STORM SEWER AS-BUILTS
STORM SEWER STRUCTURES ONLY
10/31/00

MICHAEL E. & CLAUDIA A. MENDELL D.B. 356, Pg. 58
 MICHAEL E. & CLAUDIA A. MENDELL Inst. No. 92-11834
 GREGORY L. & CHRISTINA K. GILLIAM Inst. No. 92-11832
 RONALD L. & WILMA V. GILLIAM Inst. No. 92-11835
 PHILLIP E. & SANDRA K. REEL D.B. 267, Pg. 22
 BILL E. & MARLENE M. WAGNER D.B. 329, Pg. 244
 STEPHEN L. & RONDA J. FOX Inst. No. 98-12767

WEIHE ENGINEERS, INC.
 ALAN H. WEIHE, P.E., L.S.
 MICHAEL L. DEBOY, L.S.
 VICE - PRESIDENT

10555 WABERT COLLEGE AVENUE
 INDIANAPOLIS, INDIANA 46256
 (317) 846-6611 FAX: (317) 843-0546
 TOLL-FREE (800) 455-6008

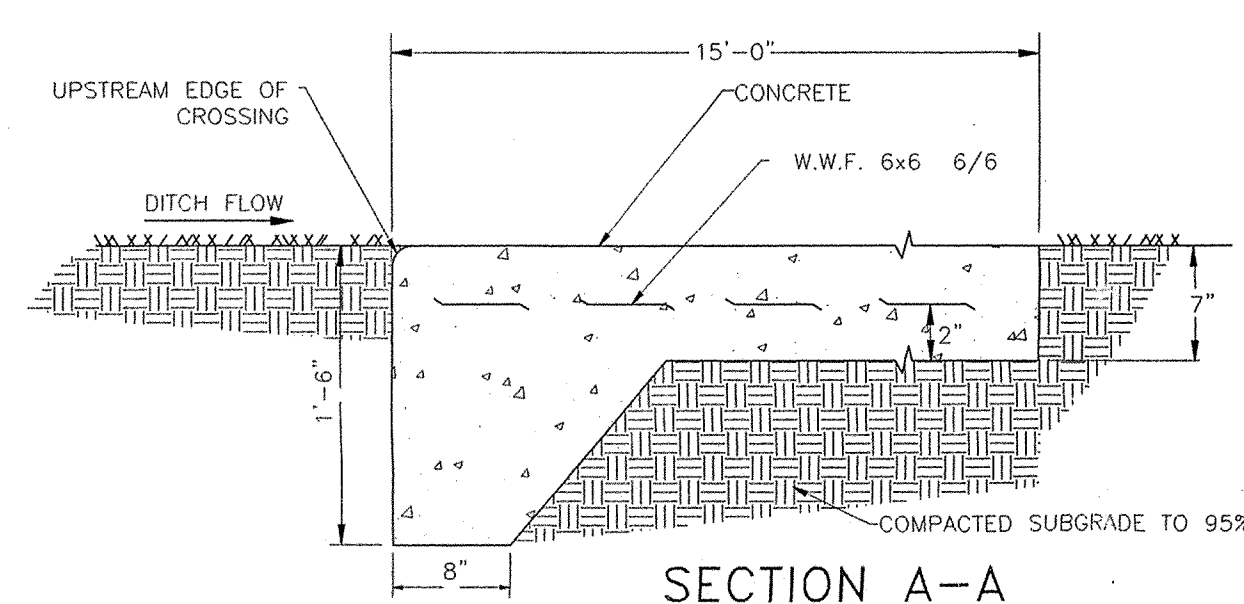
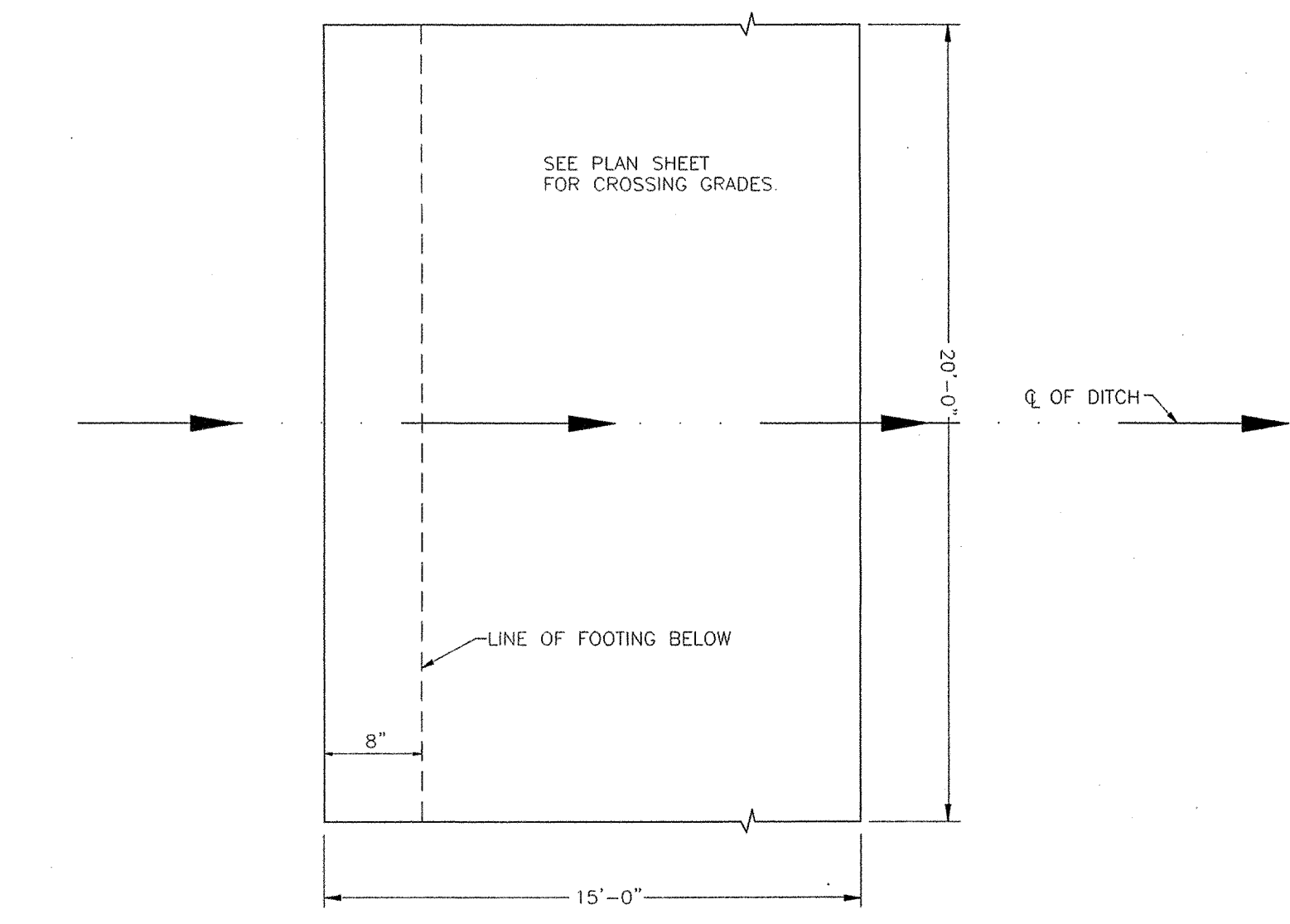
CIVIL ENGINEERS • LAND SURVEYORS • LAND PLANNERS • LANDSCAPE ARCHITECTS

PROJECT NO.: 93-37756	DATE: 4/16/00	BY: DAVID A. METSKER & BARBARA L. HASKETT	DATE: 4/16/00
SCALE: AS SHOWN	DATE: 5/17/00	INSTRUMENT NO.: 93-37756	DATE: 5/17/00
DESIGNED BY: DAVID A. METSKER	DATE: 5/25/00	PROJECT: HAZEL DELL WOODS DEVELOPMENT	DATE: 5/25/00
CHECKED BY: DAVID A. METSKER	DATE: 7/12/00	LOCATION: HAZEL DELL WOODS DEVELOPMENT	DATE: 7/12/00
DATE: 10/25/00	DATE: 10/25/00	DATE: 10/25/00	DATE: 10/25/00

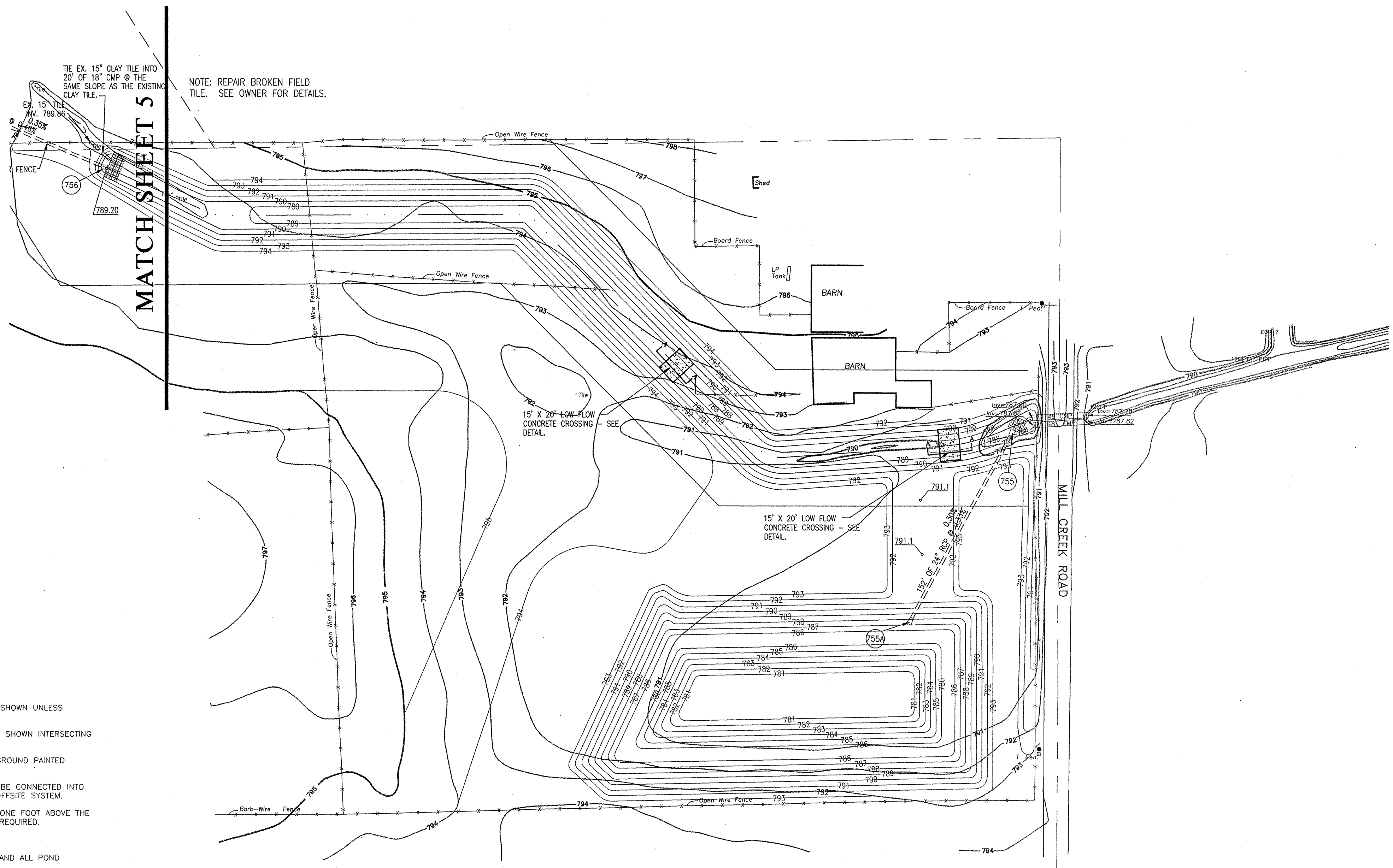
ALLAN H. WEIHE P.E. 8827

HAZEL DELL WOODS - SECTION 1
 BAY DEVELOPMENT CORP.
 DEVELOPMENT PLAN
 SHEET NO. 6

NOV 30 2000
OFFICE HAMILTON COUNTY SURVEYOR



LOW FLOW CONCRETE CROSSING DETAIL
(NO SCALE)



NOTE: REPAIR BROKEN FIELD TILE. SEE OWNER FOR DETAILS.

TE EX. 15" CLAY TILE INTO 20" OF 18" CMP @ THE SAME SLOPE AS THE EXISTING CLAY TILE.

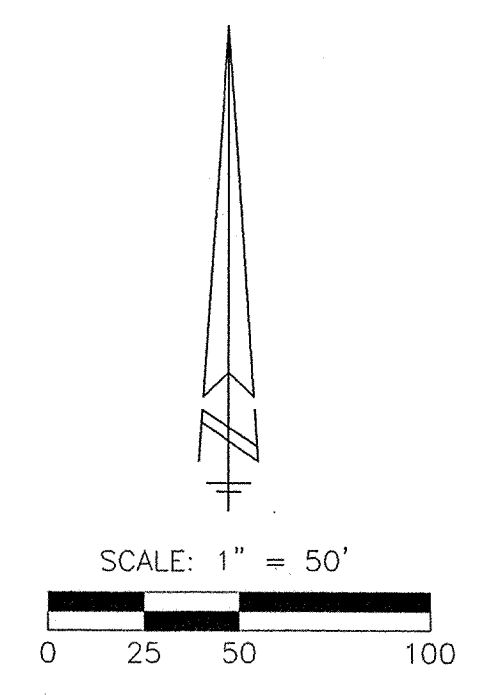
15' X 20' LOW FLOW CONCRETE CROSSING - SEE DETAIL.

15' X 20' LOW FLOW CONCRETE CROSSING - SEE DETAIL.

- NOTES:
- 1.) SIDEWALKS TO BE INSTALLED AS SHOWN ON THIS PLAN
 - 2.) CURB UNDERDRAINS WILL BE INSTALLED THROUGHOUT THIS ENTIRE PROJECT.
 - 3.) 2" ROLLED CURB & GUTTER SHALL BE INSTALLED THROUGHOUT ENTIRE PROJECT AS SHOWN UNLESS NOTED OTHERWISE.
 - 4.) A HANDICAPPED RAMP IS TO BE INSTALLED AT ALL LOCATIONS WHERE A SIDEWALK IS SHOWN INTERSECTING A CURB & SHALL NOT BE INTERFERED WITH BY STORM DRAINAGE INLETS.
 - 5.) CONTRACTOR TO DESIGNATE SANITARY LATERAL ENDS WITH A WOODEN 2"x4" ABOVE GROUND PAINTED BRIGHT GREEN STAKE.
 - 6.) ANY DRAINAGE TILE SYSTEM COMING ONTO HAZEL DELL WOODS DEVELOPMENT SHALL BE CONNECTED INTO THE PROPOSED DRAINAGE SYSTEM IN ORDER TO MAINTAIN POSITIVE DRAINAGE FOR THE OFFSITE SYSTEM.
 - 7.) THE LOWEST FLOOR ELEVATION RECEIVING GRAVITY SERVICE MUST BE A MINIMUM OF ONE FOOT ABOVE THE TOP OF CASTING OF THE NEAREST SANITARY MANHOLE, OR A GRINDER PUMP SHALL BE REQUIRED.
 - 8.) THE FINISHED FLOOR ELEVATION SHALL BE 12" ABOVE THE PAD ELEVATION.
 - 9.) TRASH GUARDS TO BE PLACED ON ALL CONCRETE END SECTIONS ACCEPTING WATER AND ALL POND OUTLETS.
 - 10.) NO UTILITY PEDESTALS TO BE INSTALLED OVER A STORM OR SANITARY SEWER LINE. I.E. ELECTRIC.
 - 11.) NO PLANTS OR TREES ARE TO BE PLACED WITHIN THE REGULATED DRAIN EASEMENTS.

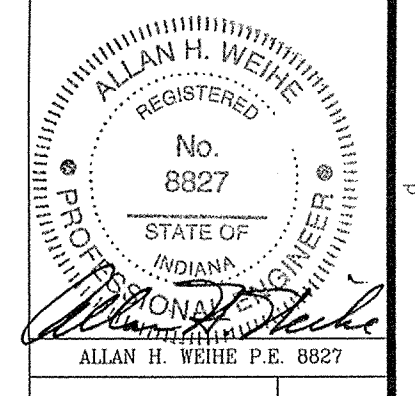
- GENERAL NOTES:
- 1) THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, OR VERIFYING THAT ALL PERMITS AND APPROVALS ARE OBTAINED FROM THE RESPECTIVE CITY, COUNTY, AND STATE AGENCIES PRIOR TO STARTING CONSTRUCTION.
 - 2) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES IN THE VICINITY OF THE CONSTRUCTION AREA PRIOR TO STARTING CONSTRUCTION.
 - 3) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY AND COORDINATE CONSTRUCTION WITH ALL RESPECTIVE UTILITIES.
 - 4) ALL QUANTITIES GIVEN ON THESE PRINTS OR IN THE SCOPE OF WORK SECTION ARE ESTIMATES AND SHALL BE CONFIRMED BY THE BIDDING CONTRACTORS.
 - 5) 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.
 - 6) IN ADDITION, EXCAVATIONS EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
 - 7) IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER AND CONTRACTOR TO MAINTAIN QUALITY CONTROL THROUGHOUT THIS PROJECT.
 - 8) TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL STANDARDS.
 - 9) BEARINGS, DIMENSIONS, AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY. SEE RECORD SURVEYS AND PLATS FOR EXACT INFORMATION.
 - 10) DO NOT STAKE HOMES FROM THESE PLANS, SEE PLOT PLANS FOR DETAILS OF HOMES AND DIMENSIONS.
 - 11) END OF ROAD MARKERS TO BE PLACED AT ALL STUB STREETS.
 - 12) ALL STORM STRUCTURES DEEPER THAN 4' SHALL BE MANHOLE STRUCTURES.
 - 13) NO TREES, SIGNS, STREET LIGHTING, LANDSCAPING OR OTHER SUCH AMENITIES SHALL BE PERMITTED WITHIN THE MEDIAN OR ANY OTHER RIGHT OF WAY.

- LEGEND
- RIGHT-OF-WAY LINE
 - STORM SEWER LINE
 - SWALE
 - SANITARY SEWER LINE
 - SANITARY SEWER MANHOLE
 - SANITARY SEWER LATERAL
 - FLOW DIRECTION
 - EXISTING SPOT ELEVATION
 - EXISTING CONTOURS
 - PROPOSED ELEVATION
 - STORM BEEHIVE INLET
 - STORM INLET
 - TOP OF CASTING
 - INVERT
 - REINFORCED CONCRETE PIPE
 - MANHOLE
 - STRUCTURE
 - DRAINAGE AND UTILITY EASEMENT
 - SANITARY, DRAINAGE, AND UTILITY EASEMENT
 - SANITARY SEWER
 - HANDICAP RAMP
 - MATCH EXISTING GRADE
 - SUBSURFACE DRAIN AND JUMP LINE
 - STORM SEWER
 - GRANULAR BACKFILL
 - CONCRETE END SECTION
 - SUBSURFACE DRAIN
 - SANITARY SEWER PIPE
 - SANITARY SEWER PIPE (DUCTILE IRON)
 - NORMAL POOL ELEVATION
 - PROPOSED PAD ELEVATION
 - MINIMUM PAD ELEVATION
 - TYPICAL
 - PROPOSED
 - EXISTING
 - RADIUS
 - BURIED PIPELINE MARKER

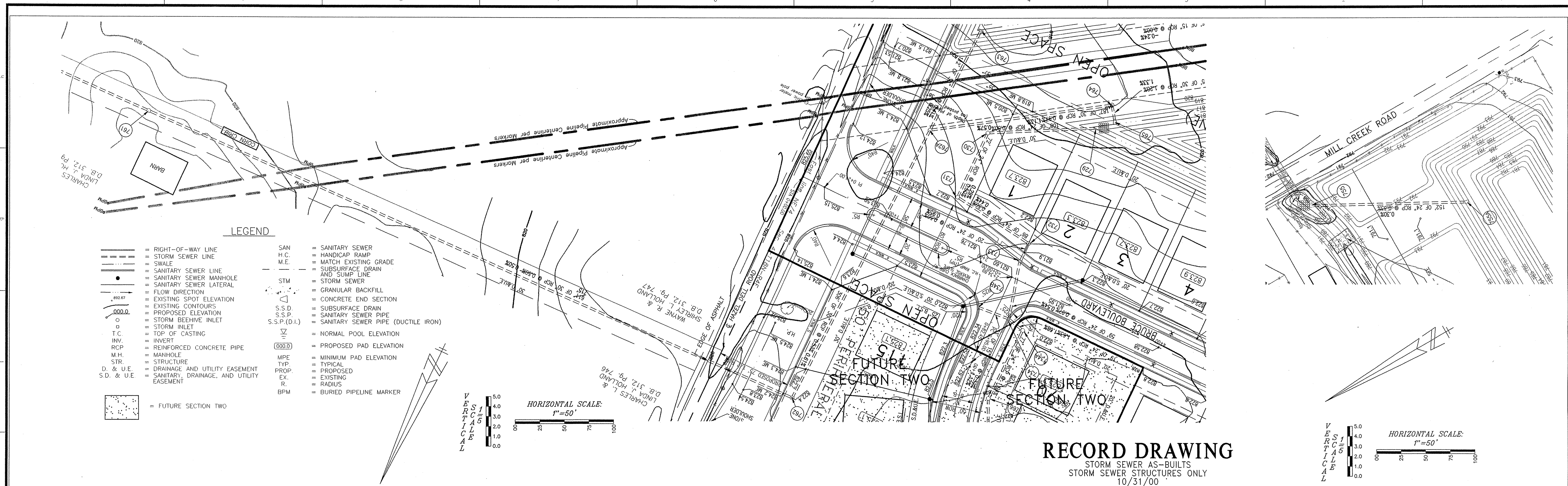


WEIHE ENGINEERS, INC.
 10506 NORTH COLLEGE AVENUE
 INDIANAPOLIS, INDIANA 46280
 (317) 846-0611 FAX (317) 843-0516
 TOLL-FREE (800) 452-6600
 ALLAN H. WEIHE, P.E., L.S. PRESIDENT
 MICHAEL L. DEBOY, L.S. VICE - PRESIDENT
 CIVIL ENGINEERS • LAND PLANNERS • LAND SURVEYORS • LANDSCAPE ARCHITECTS

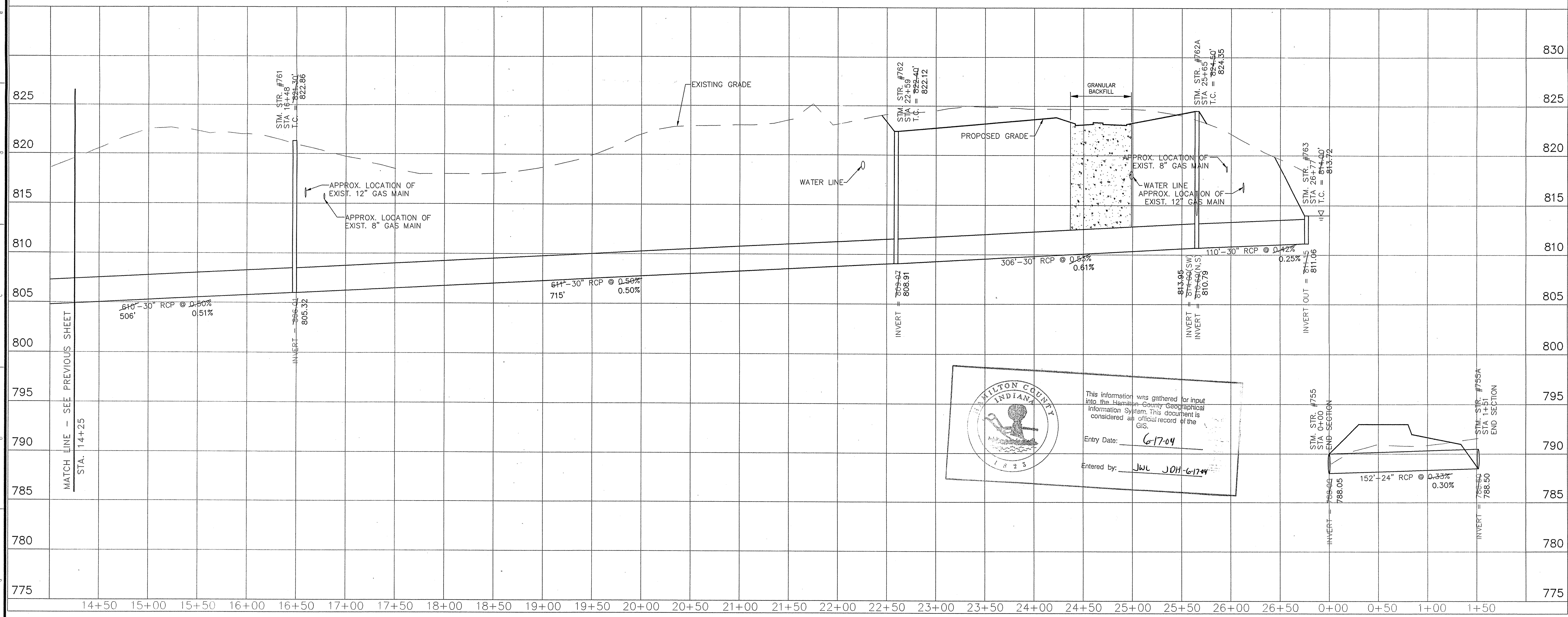
PROJECT NO.	981452D03
DATE	5/7/00
BY	EAC
DATE	5/7/00
BY	EAC
DATE	6/22/00
BY	EAC
DATE	7/21/00
BY	EAC




PREPARED FOR:
HAZEL DELL WOODS - SECTION 1
 DEVELOPMENT PLAN
 OFFSITE DEVELOPMENT PLAN
 NOV 30 2000
 OFFICE OF HAMILTON COUNTY SURVEYOR



RECORD DRAWING
 STORM SEWER AS-BUILTS
 STORM SEWER STRUCTURES ONLY
 10/31/00




 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: 6-17-04
 Entered by: JWL J011-6174

WEIHE ENGINEERS, INC.
 10608 NORTH COLLEGE AVENUE
 DARIEN, ILLINOIS 60410
 (312) 849-6611 FAX (312) 843-0446
 TOLL-FREE (800) 452-6408
 CIVIL ENGINEERS • LAND SURVEYORS • LAND PLANNERS • LANDSCAPE ARCHITECTS

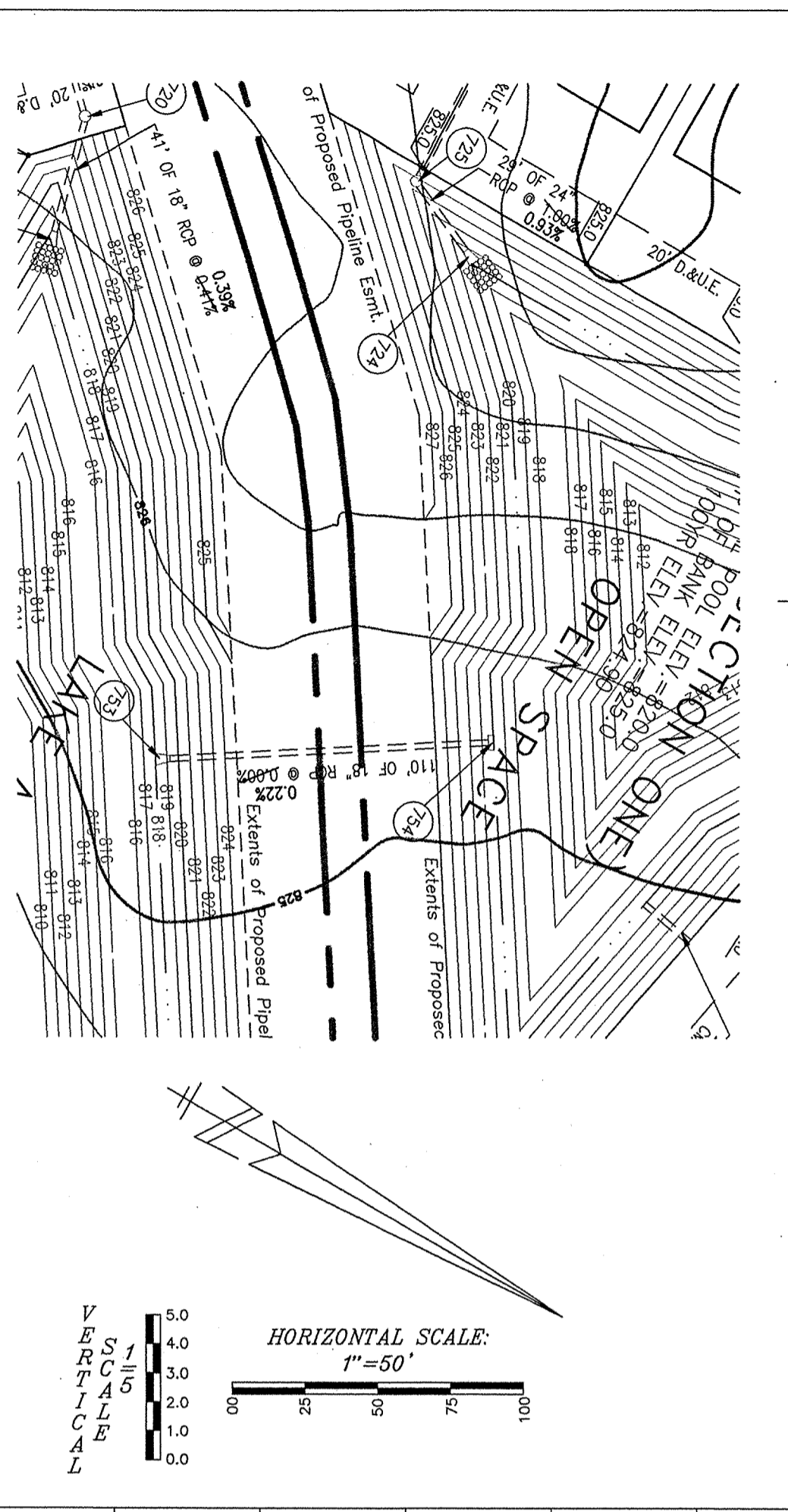
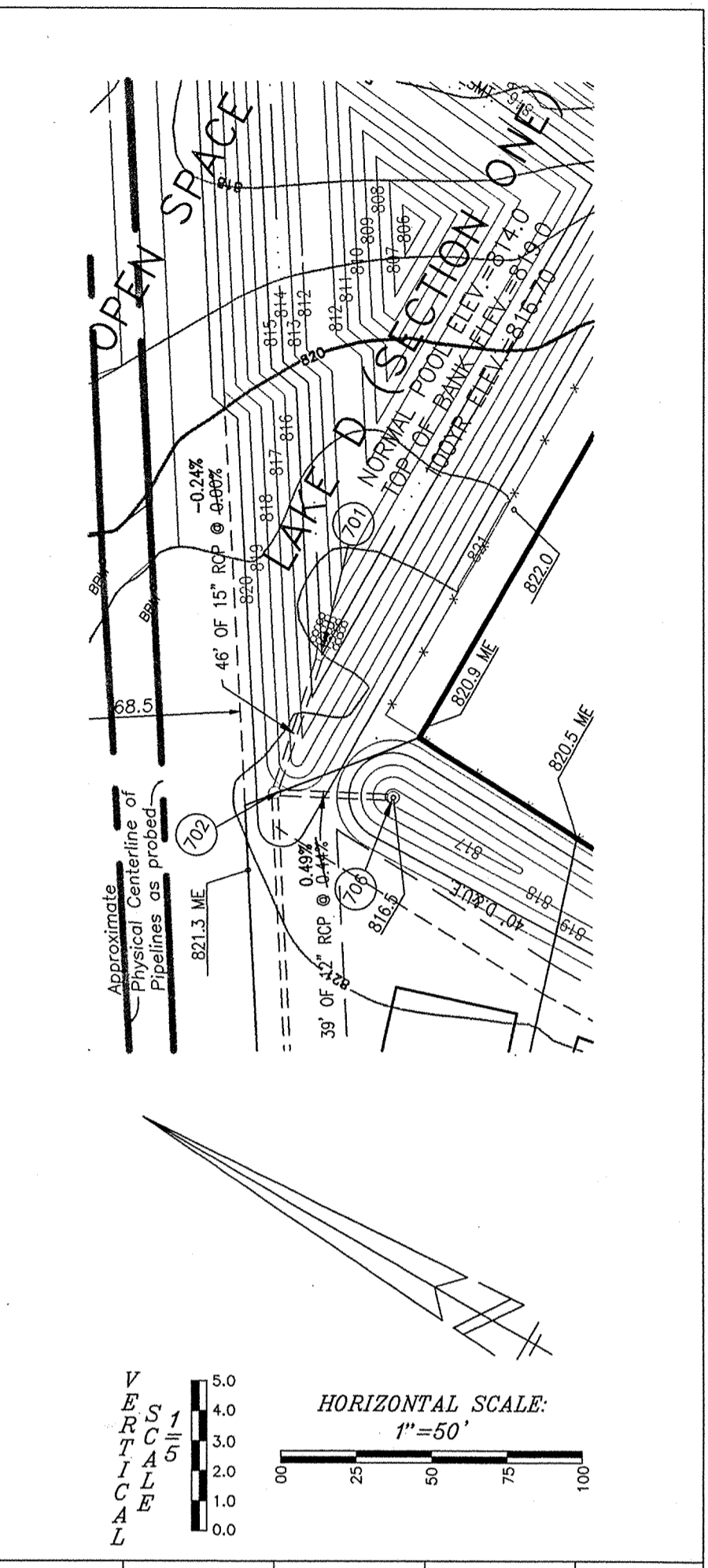
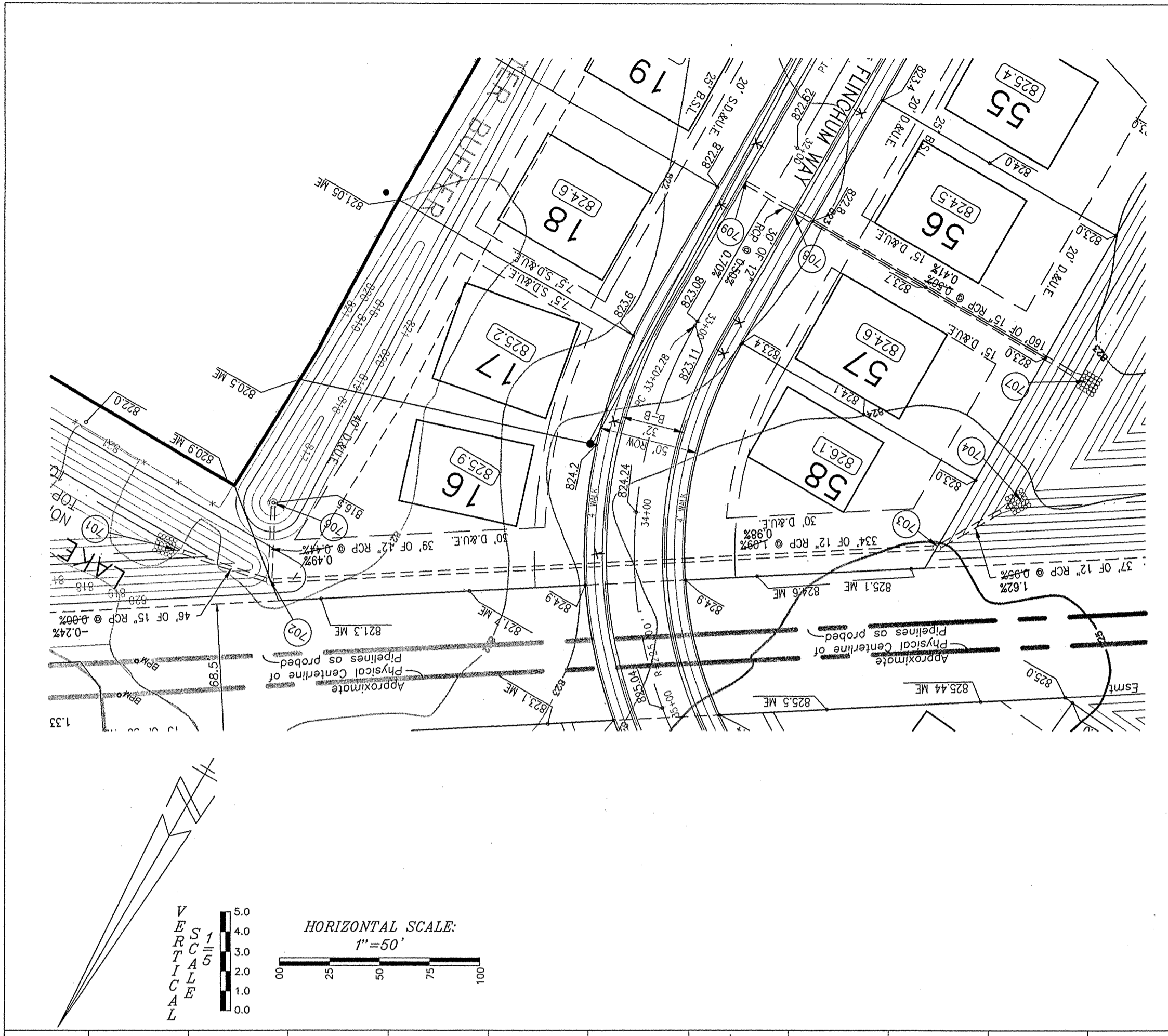
PROJECT NO. 99-0089
 DATE: 4/8/00 BY: EAC
 DATE: 5/1/00 BY: EAC
 DATE: 5/2/00 BY: EAC
 DATE: 6/22/00 BY: EAC
 DATE: 10/19/00 BY: EAC
 DATE: 2/21/00 BY: EAC

REVISIONS:
 MINOR REVISIONS PER I.A.C. REVIEW
 MINOR REVISIONS
 MINOR REVISIONS - HAMILTON COUNTY HIGHWAY
 REVISIONS - HAMILTON COUNTY
 STORM SEWER AS-BUILTS

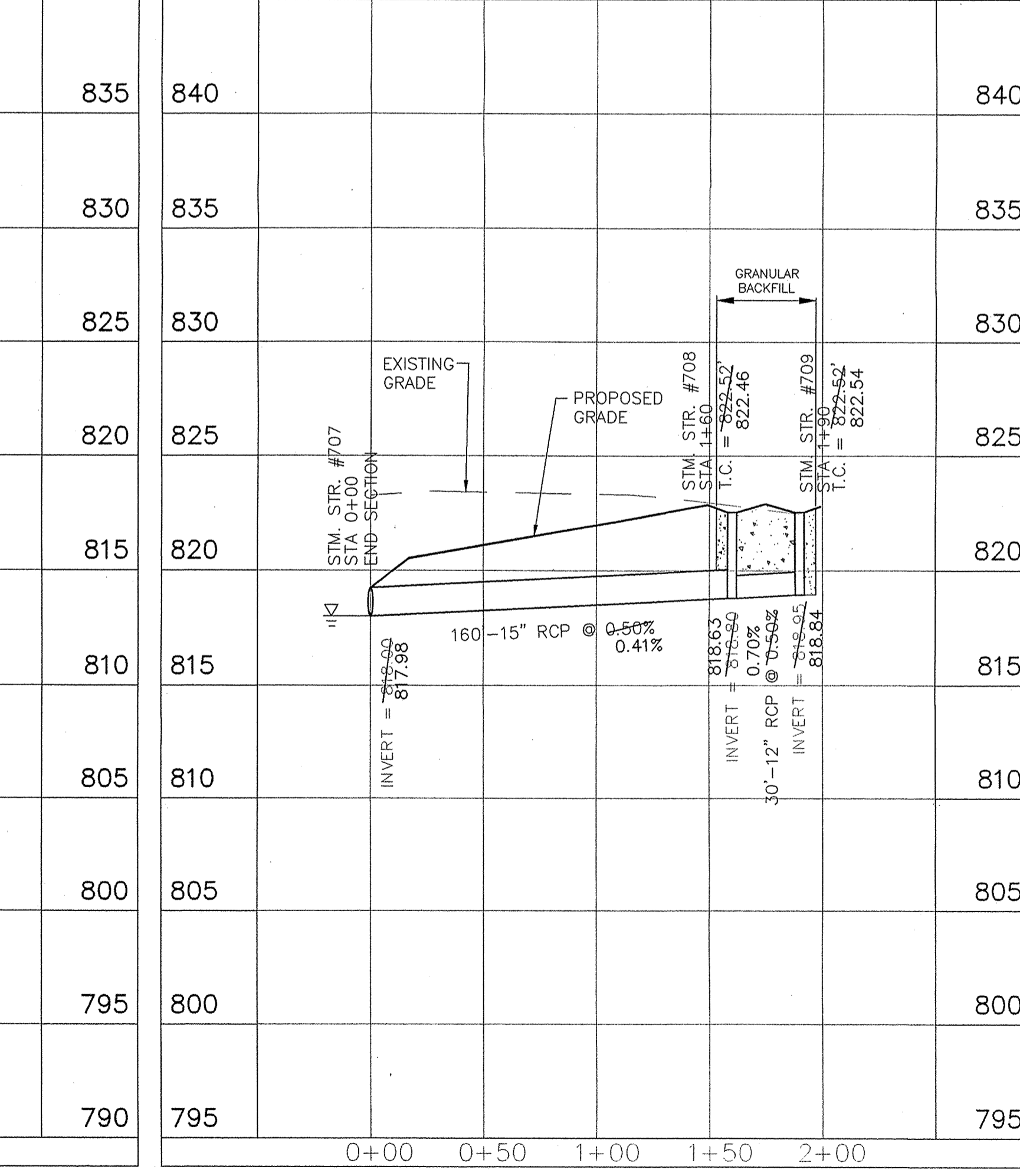
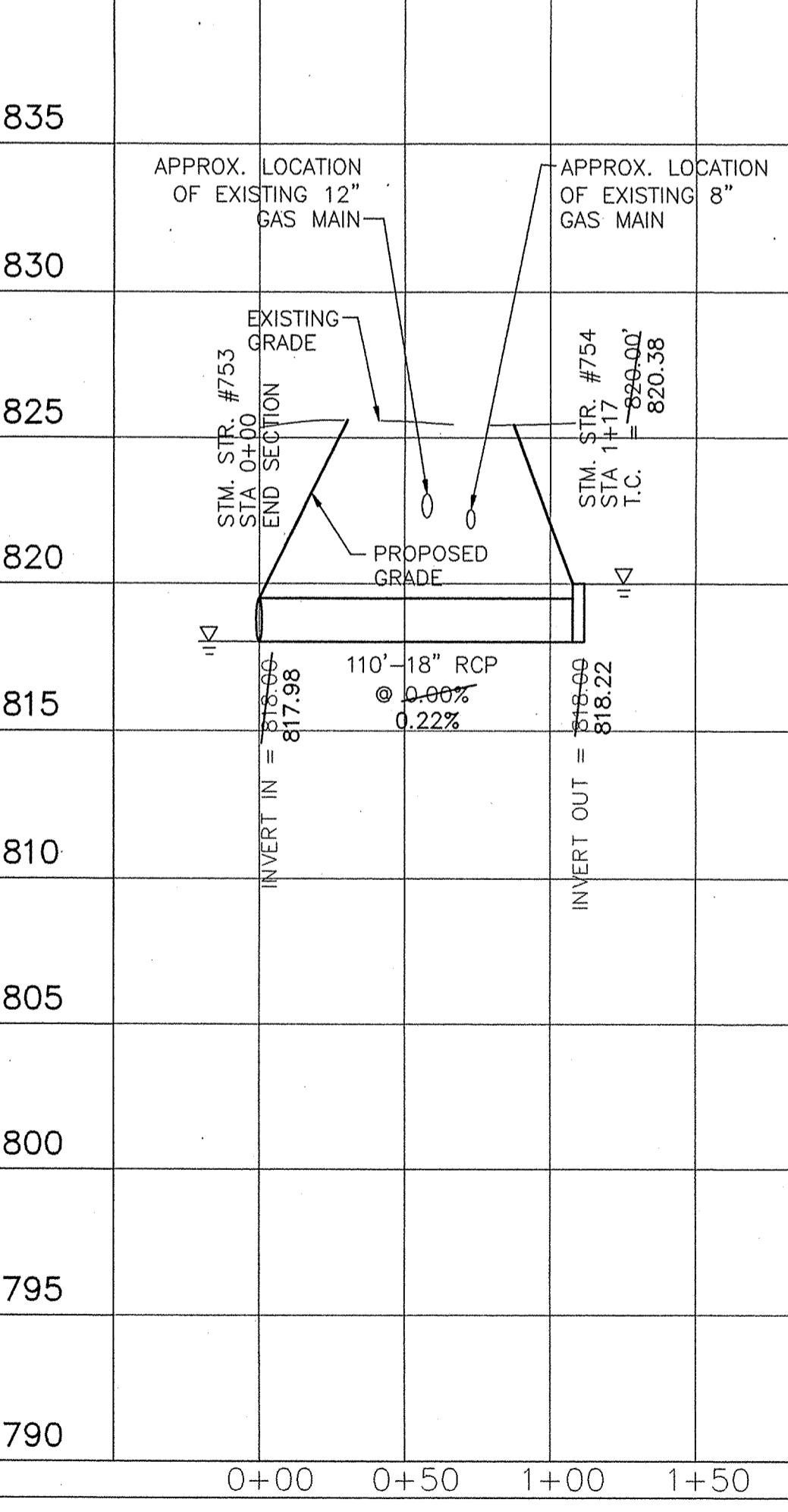
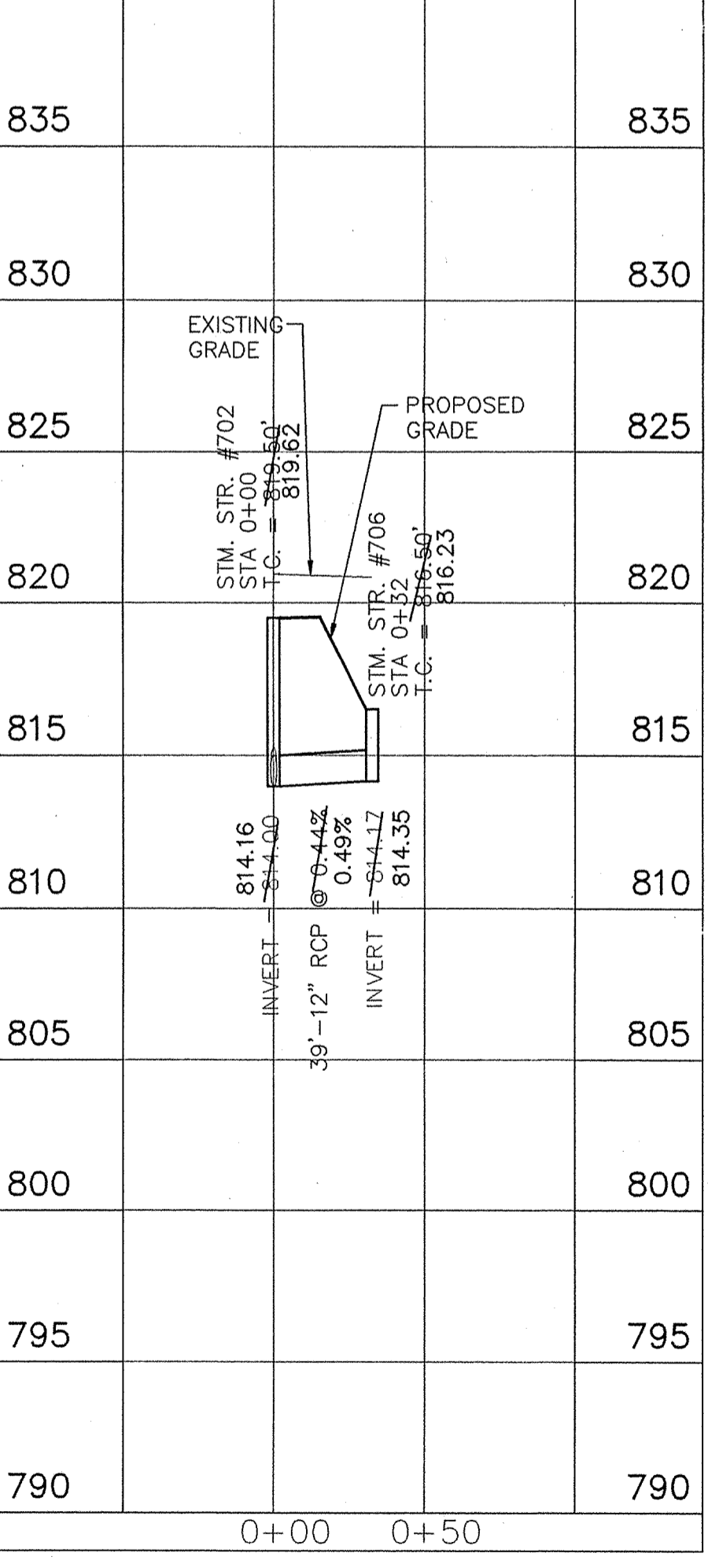
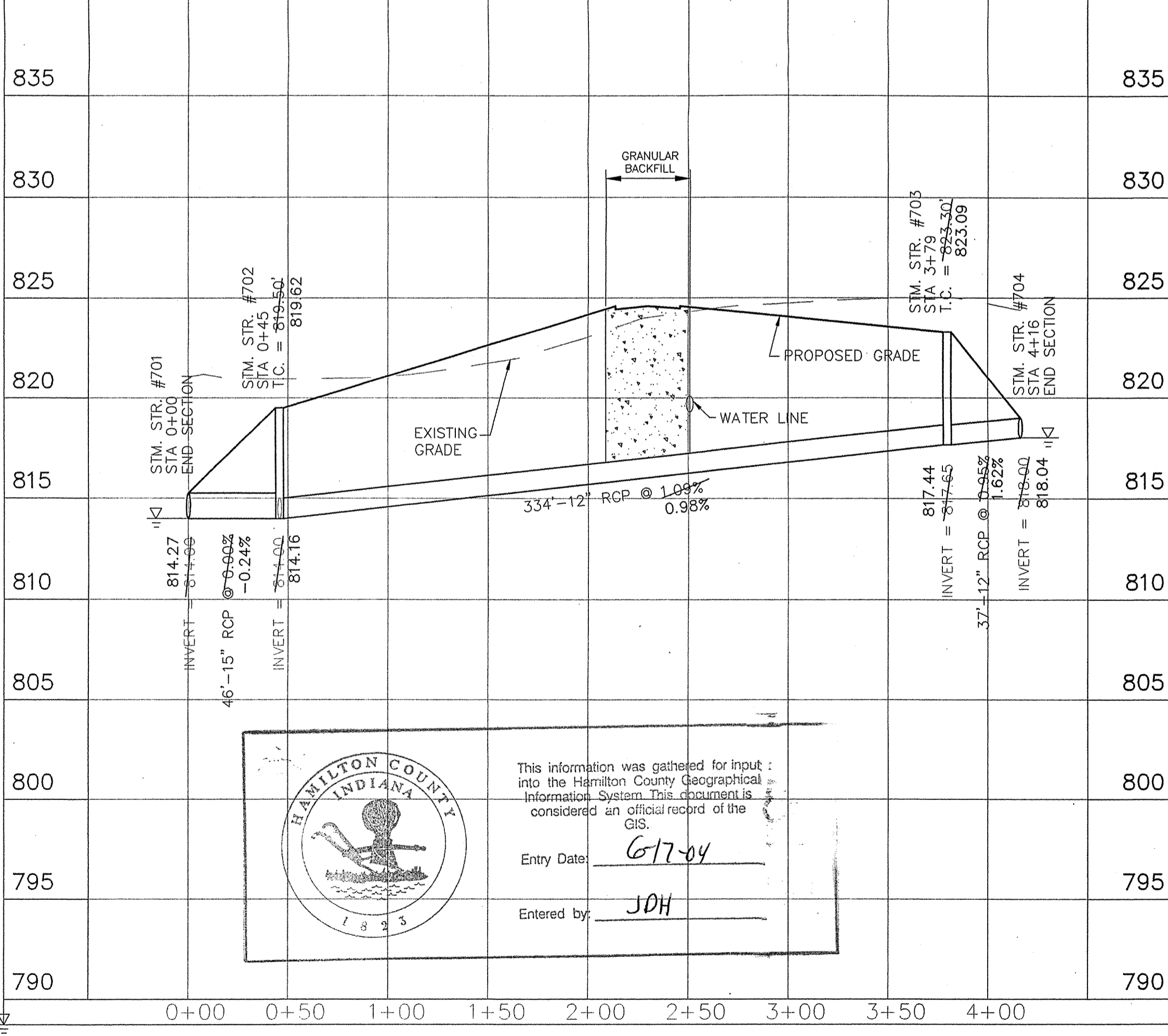
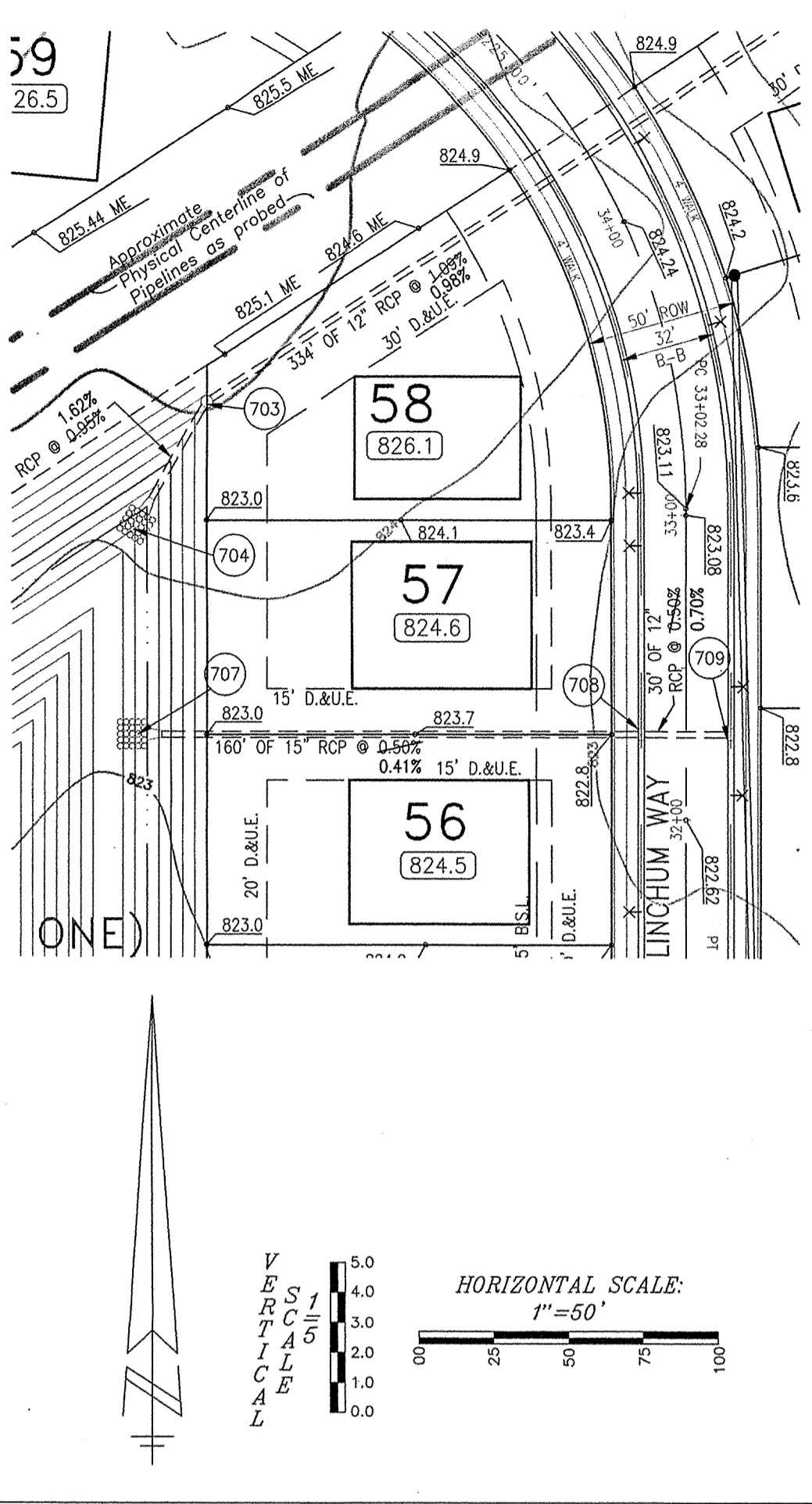
ALLAN H. WEIHE
 REGISTERED PROFESSIONAL ENGINEER
 No. 8827
 STATE OF ILLINOIS
 ALLAN H. WEIHE P.E. 8827

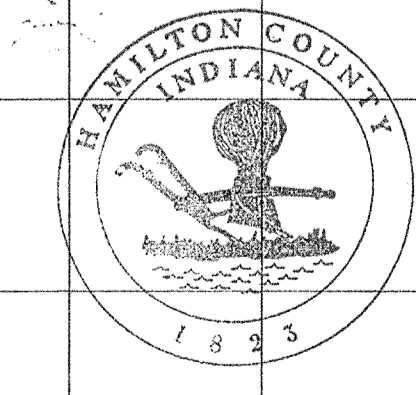
PREPARED FOR:
HAZEL DELL WOODS - SECTION 1
 HAZEL DELL DEVELOPMENT CORP.
 STORM PLAN AND PROFILE SHEET
 OF THE E. 1/2 & W. 1/4 OF THE SE 1/4, Sec. 4, T18N, R16E, Nodaway Township, Hamilton County, Indiana

SHEET NO. 13
 NOV 30 2000
 OFFICE OF HAMILTON COUNTY SURVEYOR



- LEGEND**
- RIGHT-OF-WAY LINE
 - STORM SEWER LINE
 - SWALE
 - SANITARY SEWER LINE
 - SANITARY SEWER MANHOLE
 - SANITARY SEWER LATERAL
 - FLOW DIRECTION
 - EXISTING SPOT ELEVATION
 - PROPOSED ELEVATION
 - STORM BEEHIVE INLET
 - STORM INLET
 - TOP OF CASTING
 - INVERT
 - REINFORCED CONCRETE PIPE
 - MANHOLE
 - STRUCTURE
 - DRAINAGE AND UTILITY EASEMENT
 - SANITARY, DRAINAGE, AND UTILITY EASEMENT
 - SANITARY SEWER
 - HANDICAP RAMP
 - MATCH EXISTING GRADE
 - SUBSURFACE DRAIN AND SUMP LINE
 - STORM SEWER
 - GRANULAR BACKFILL
 - CONCRETE END SECTION
 - SUBSURFACE DRAIN
 - SANITARY SEWER PIPE
 - SANITARY SEWER PIPE (DUCTILE IRON)
 - NORMAL POOL ELEVATION
 - PROPOSED PAD ELEVATION
 - MINIMUM PAD ELEVATION
 - TYPICAL
 - PROPOSED
 - EXISTING
 - RADIUS
 - BURIED PIPELINE MARKER
 - AS-BUILT SUBSURFACE DRAIN LATERAL





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

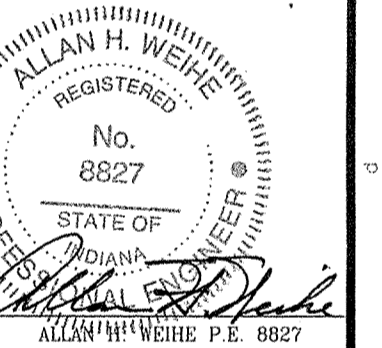
Entry Date: 6-17-04
 Entered by: JDH

WEIHE ENGINEERS, INC.
 ALAN H. WEIHE, P.E., L.S.
 PRESIDENT
 MICHAEL GIBBY, L.S.
 VICE-PRESIDENT
 CIVIL ENGINEERS • LAND SURVEYORS • LAND PLANNERS • LANDSCAPE ARCHITECTS

10605 NORTH COLLEGE AVENUE
 INDIANAPOLIS, INDIANA 46290
 TEL: (317) 843-0646
 TOLL-FREE: (800) 482-6408

PROJECT NO.: 59-0889
 DATE: 4/6/00
 BY: MFC
 CHECKED BY: MFC
 DATE: 2/21/00

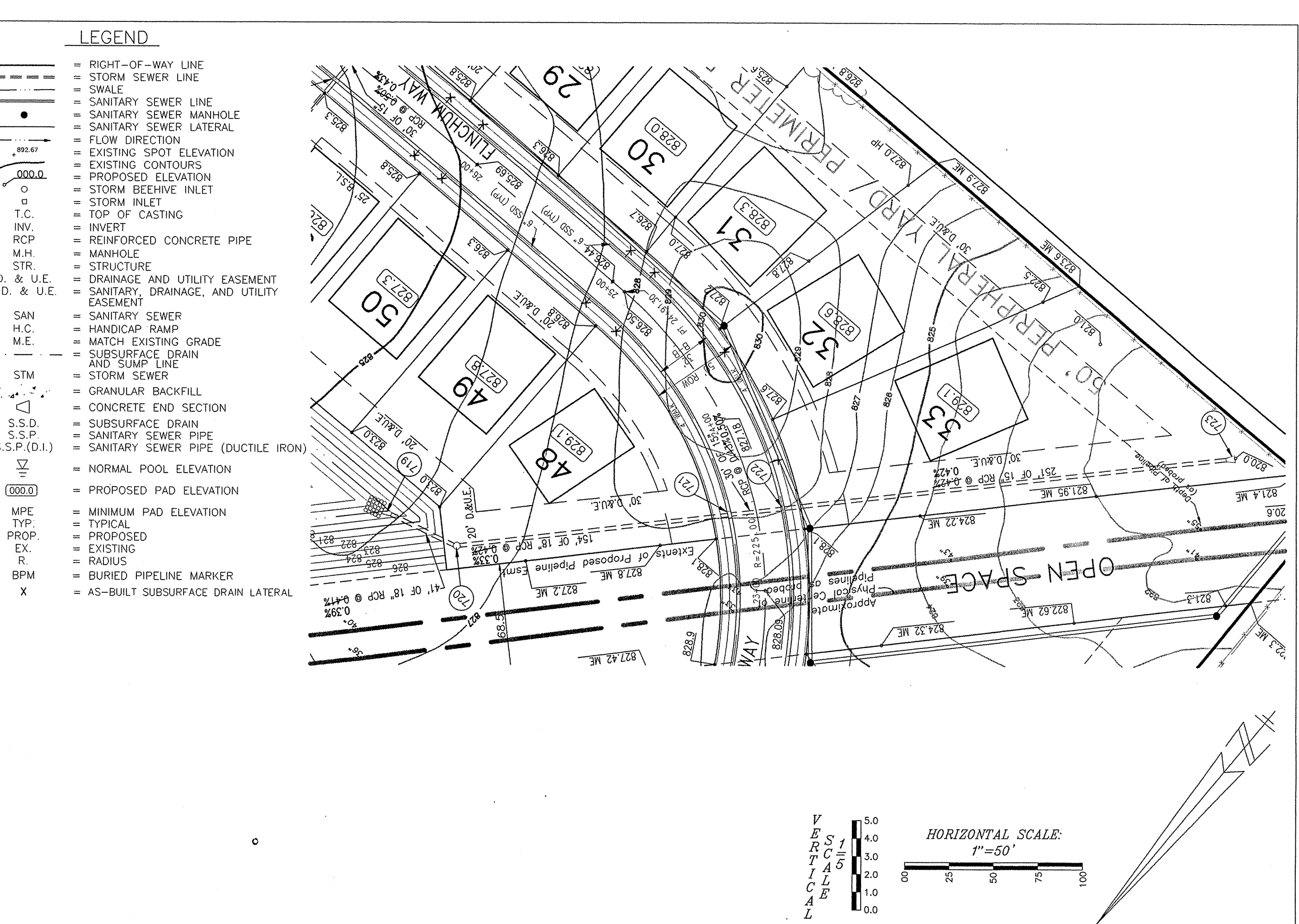
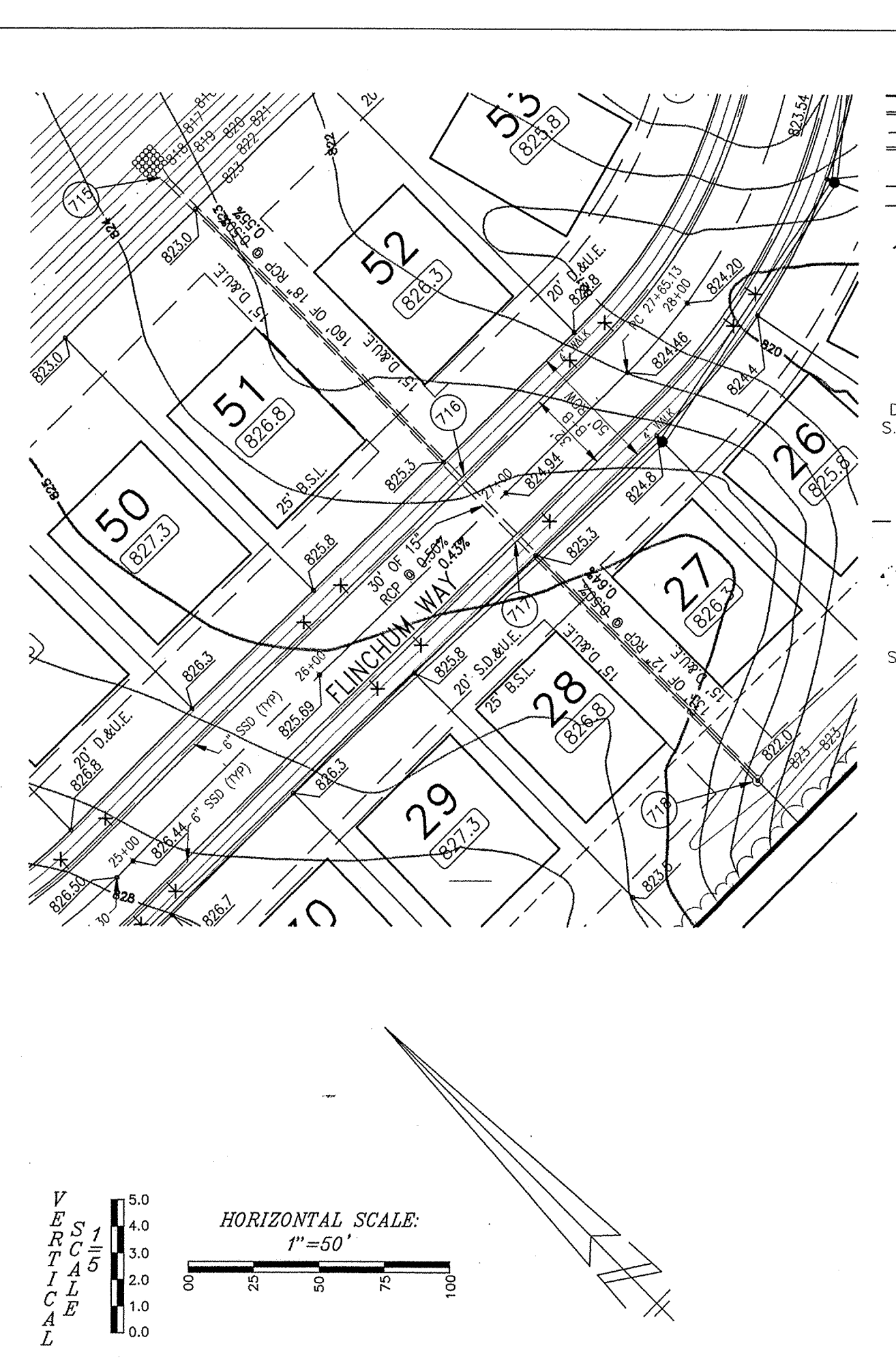
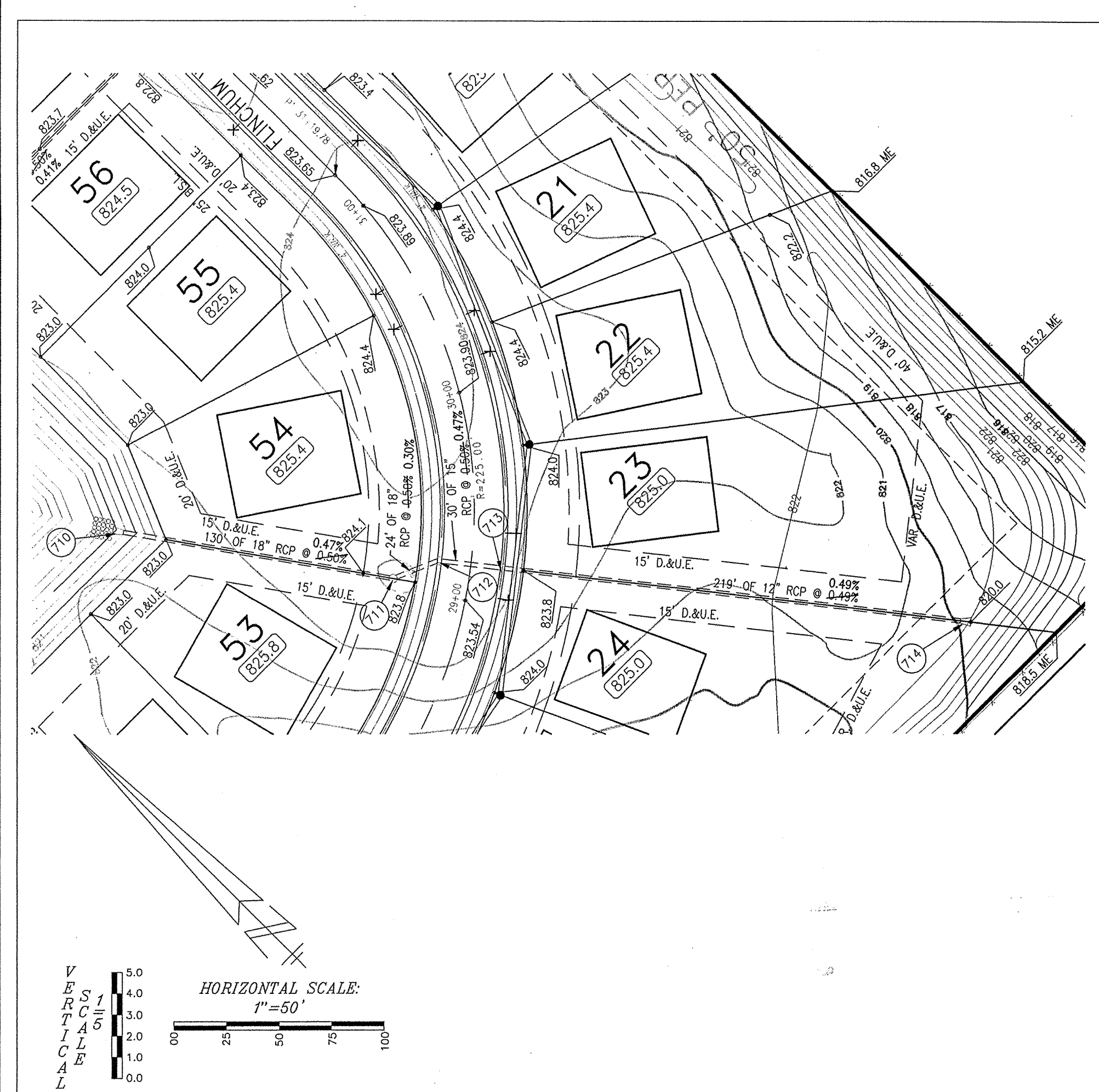
REVISIONS:
 MINOR REVISIONS PER T.A.C. REVIEW
 MINOR REVISIONS
 MINOR REVISIONS
 MINOR REVISIONS - HAMILTON COUNTY HIGHWAY
 REVISIONS PER HAMILTON COUNTY
 STORM SEWER AS-BUILT



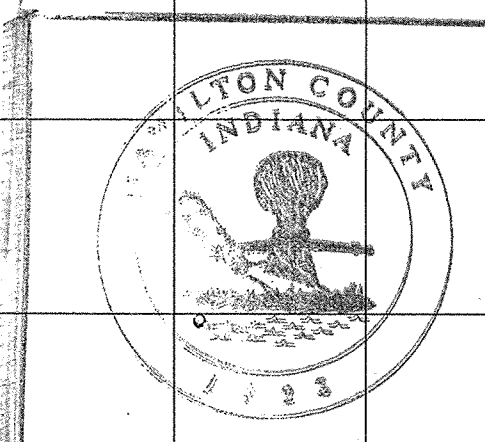
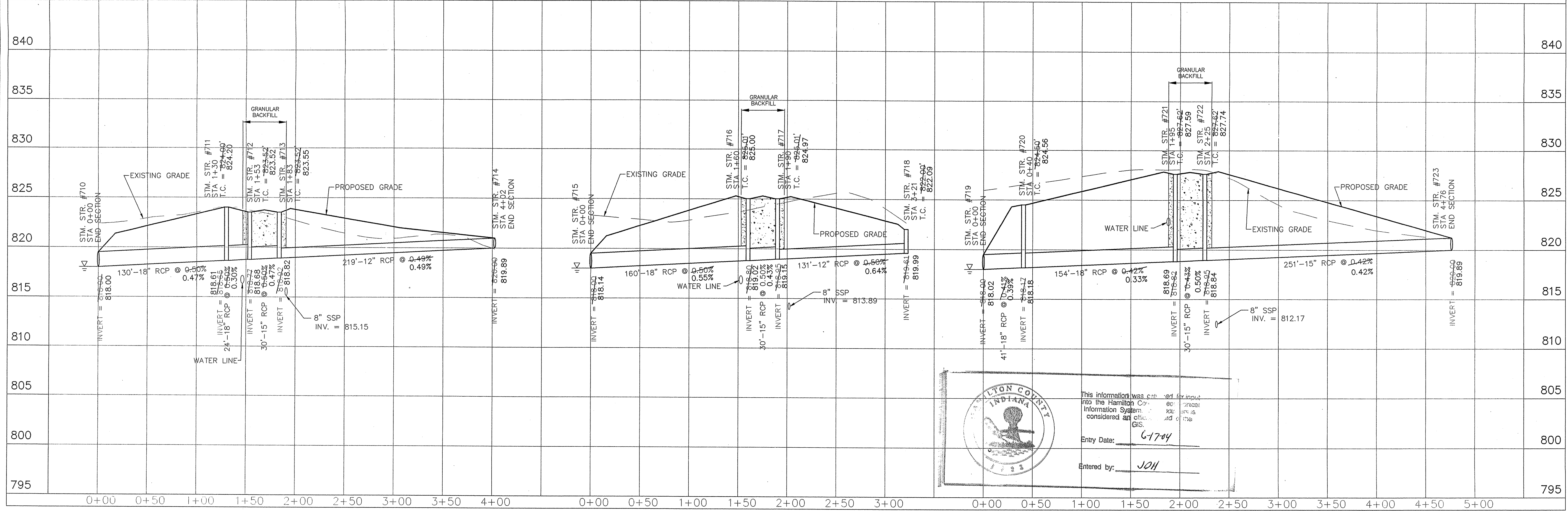
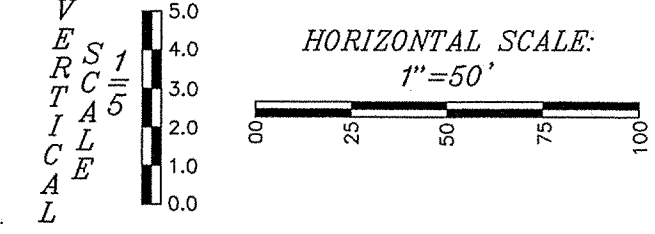
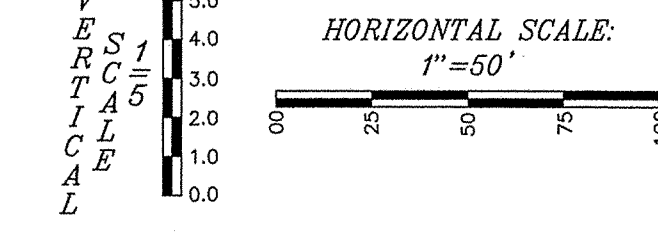
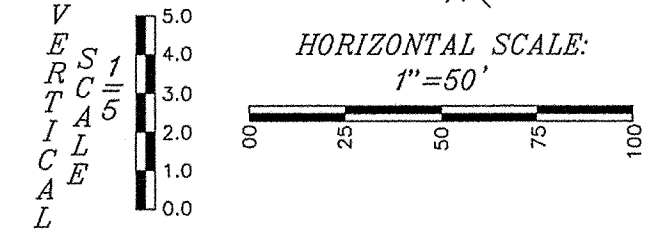
HAZEL DELL WOODS - SECTION 1
 PREPARED FOR:
 HAY DEVELOPMENT CORP.
STORM PLAN AND PROFILE SHEET
 Part of the E 1, 2 & W 1, 4 of the SE 1/4, Sec. 4, T18N, R4E, Noblesville Township, Hamilton County, Indiana.

RECORD DRAWING
 STORM SEWER AS-BUILTS
 STORM SEWER STRUCTURES ONLY
 10/31/00

SHEET NO. **14**
 NOV 30 2000



- LEGEND**
- RIGHT-OF-WAY LINE
 - STORM SEWER LINE
 - SWALE
 - SANITARY SEWER LINE
 - SANITARY SEWER MANHOLE
 - SANITARY SEWER LATERAL
 - FLOW DIRECTION
 - EXISTING SPOT ELEVATION
 - EXISTING CONTOURS
 - PROPOSED ELEVATION
 - STORM BEEHIVE INLET
 - STORM INLET
 - TOP OF CASTING
 - INVERT
 - REINFORCED CONCRETE PIPE
 - MANHOLE
 - STRUCTURE
 - DRAINAGE AND UTILITY EASEMENT
 - SANITARY, DRAINAGE, AND UTILITY EASEMENT
 - SANITARY SEWER
 - HANDICAP RAMP
 - MATCH EXISTING GRADE
 - SUBSURFACE DRAIN AND SUMP LINE
 - STORM SEWER
 - GRANULAR BACKFILL
 - CONCRETE END SECTION
 - SUBSURFACE DRAIN
 - SANITARY SEWER PIPE
 - SANITARY SEWER PIPE (DUCTILE IRON)
 - NORMAL POOL ELEVATION
 - PROPOSED PAD ELEVATION
 - TYPICAL
 - EXISTING
 - PROPOSED
 - EX
 - RADIUS
 - BURIED PIPELINE MARKER
 - AS-BUILT SUBSURFACE DRAIN LATERAL

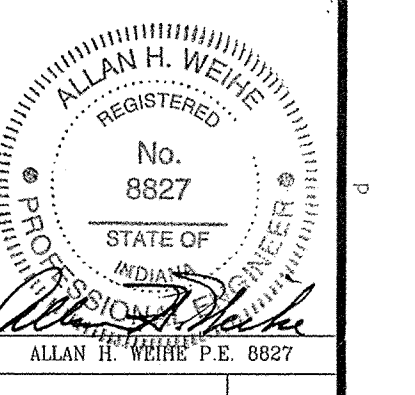


This information was captured for input into the Hamilton County Information System and is considered an official GIS.
 Entry Date: 6-17-04
 Entered by: JCH

WEIHE ENGINEERS, INC.
 10505 NORTH COLLEGE AVENUE
 INDIANAPOLIS, INDIANA 46220
 PRESIDENT: GUY L. S.
 VICE PRESIDENT: JAMES L. S.
 TOLL-FREE (800) 493-6408

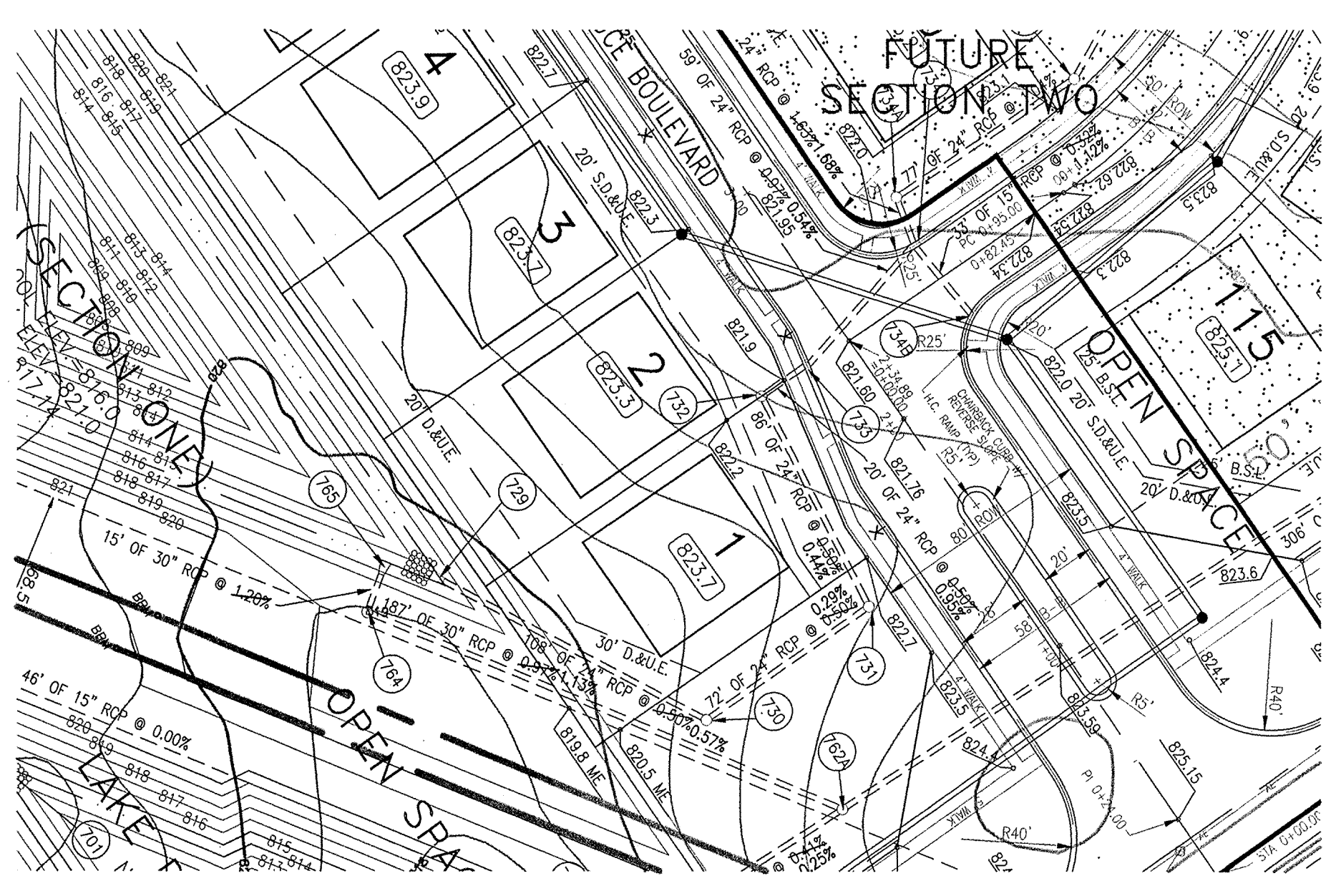
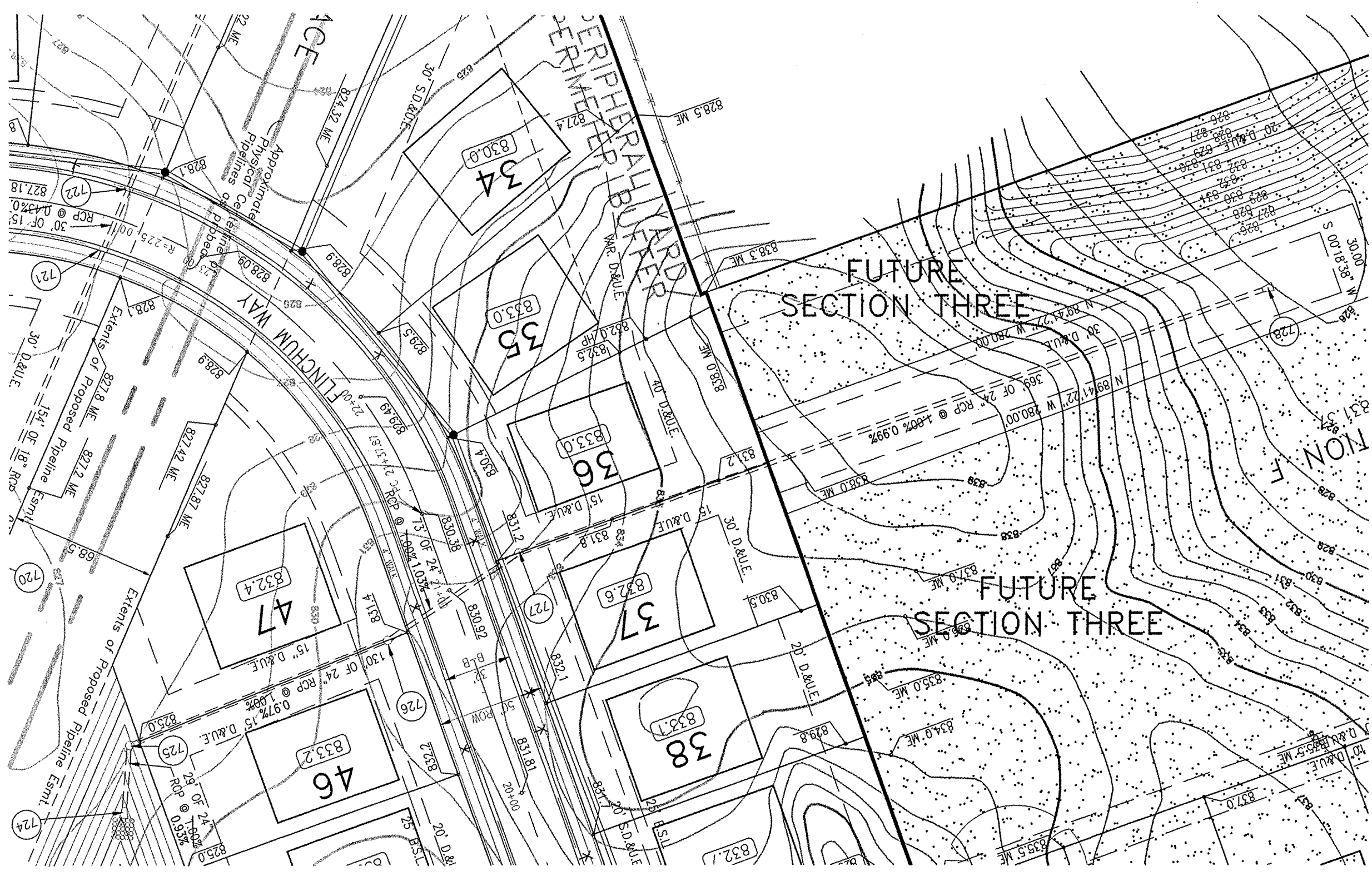
CIVIL ENGINEERS • LAND SURVEYORS • LAND PLANNERS • LANDSCAPE ARCHITECTS

DATE:	5/1/00	PROJECT NO.:	99-0089
BY:	EAC	DWG NAME:	PROPOSED STORM SEWER
REVISIONS PER T.A.C. REVIEW:	5/5/00	PROFESSIONAL SEAL:	FIELD BY:
MINOR REVISIONS:	5/22/00	DRY BY:	5/22/00
MINOR REVISIONS:	6/27/00	CHECK BY:	6/27/00
REVISIONS PER HAMILTON COUNTY STORM SEWER AS-BUILTS:	10/21/00	DATE:	2/21/00

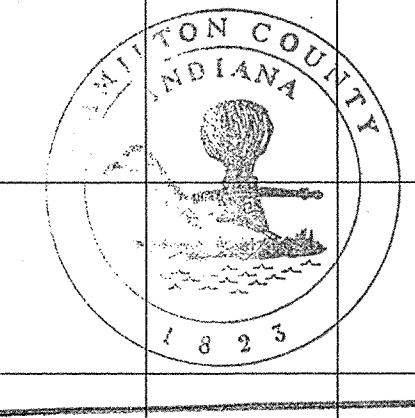
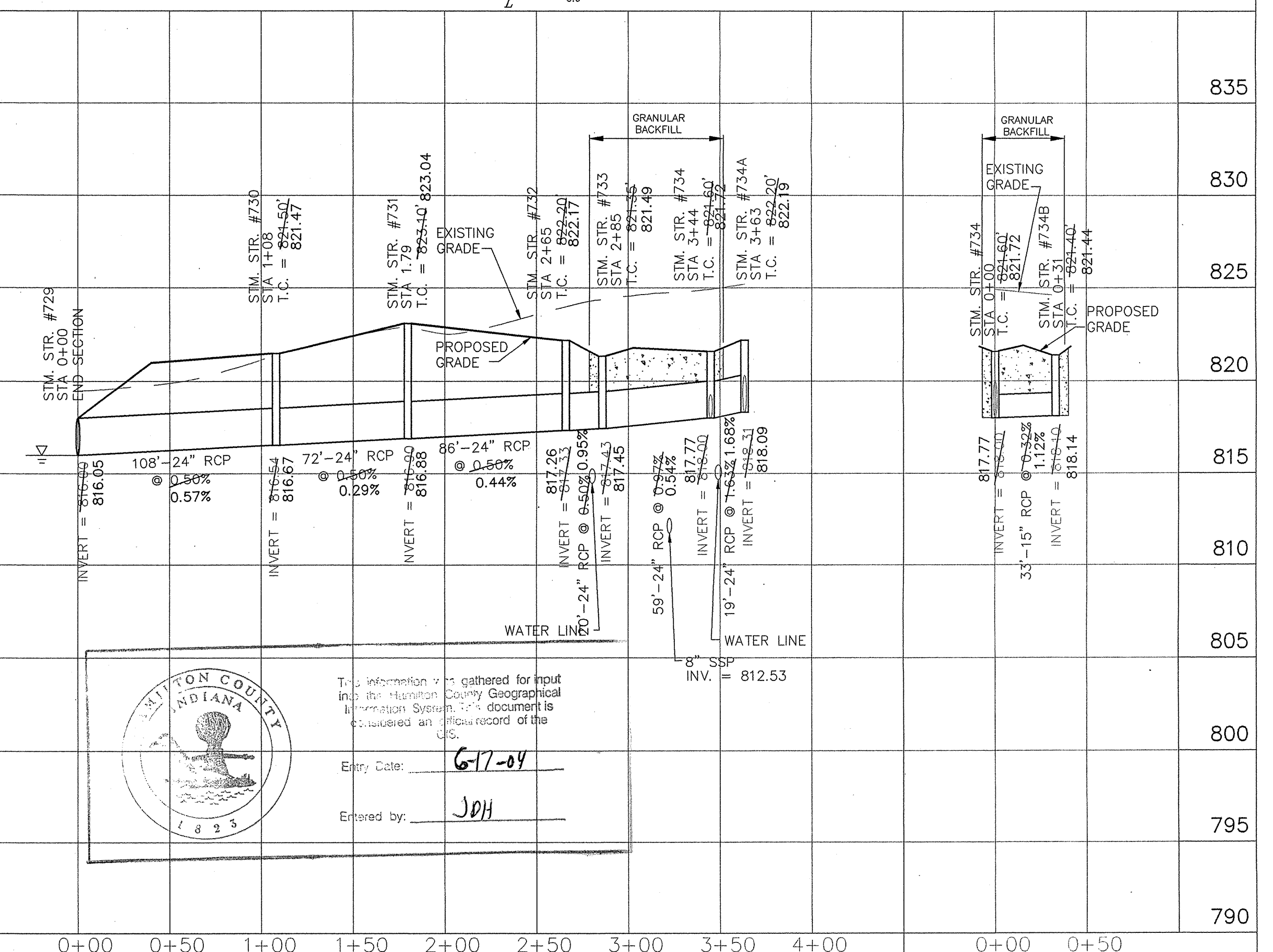
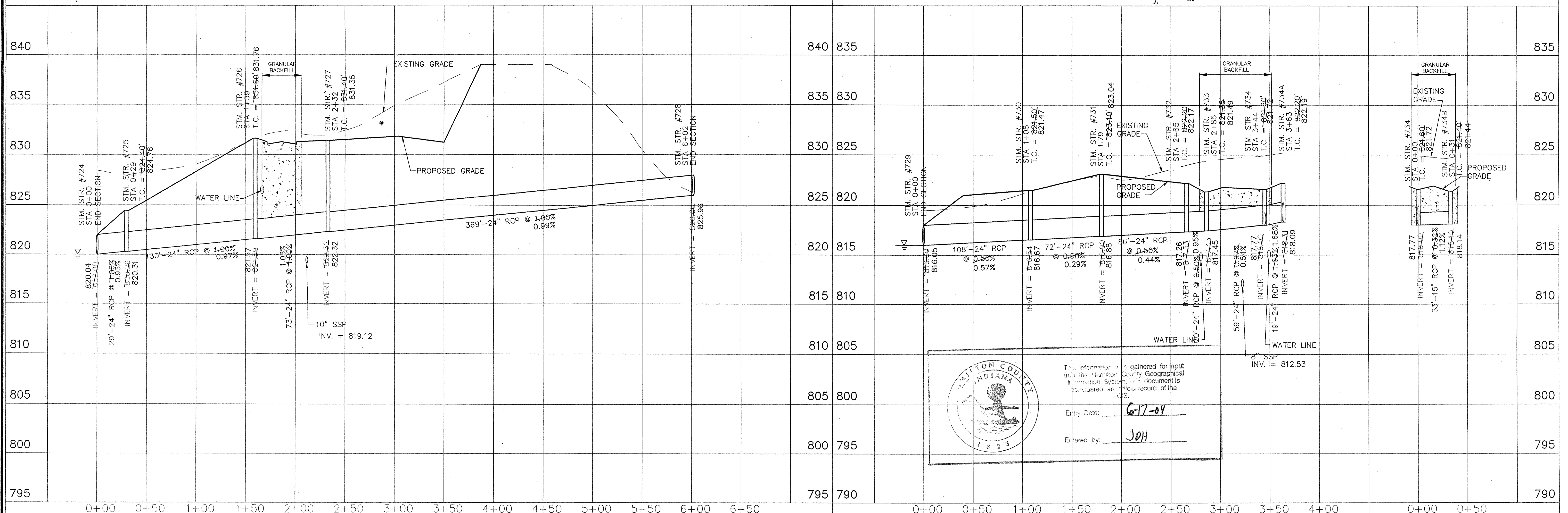
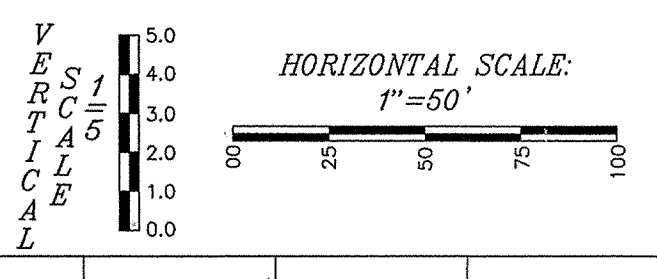
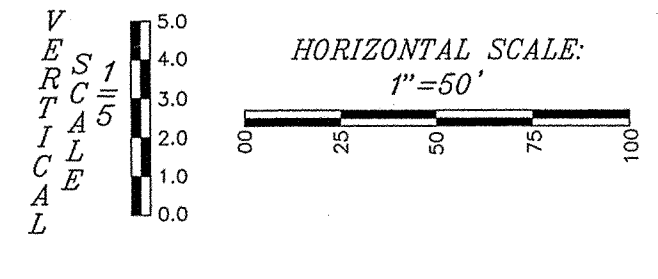


HAZEL DELL WOODS - SECTION 1
 CITY DEVELOPMENT CORP.
STORM PLAN AND PROFILE SHEET
 PREPARED FOR:
 SHEET NO. NOV 30 2001
 OFFICE OF HAMILTON COUNTY ENGINEER

RECORD DRAWING
 STORM SEWER AS-BUILTS
 STORM SEWER STRUCTURES ONLY
 10/31/00



- LEGEND**
- RIGHT-OF-WAY LINE
 - STORM SEWER LINE
 - SWALE
 - SANITARY SEWER LINE
 - SANITARY SEWER MANHOLE
 - SANITARY SEWER LATERAL
 - FLOW DIRECTION
 - EXISTING SPOT ELEVATION
 - EXISTING CONTOURS
 - PROPOSED ELEVATION
 - STORM BEEHIVE INLET
 - STORM INLET
 - TOP OF CASTING
 - INVERT
 - REINFORCED CONCRETE PIPE
 - MANHOLE
 - STRUCTURE
 - DRAINAGE AND UTILITY EASEMENT
 - SANITARY DRAINAGE AND UTILITY EASEMENT
 - HANDICAP RAMP
 - MATCH EXISTING GRADE
 - SUBSURFACE DRAIN AND SUMP LINE
 - STORM SEWER
 - GRANULAR BACKFILL
 - CONCRETE END SECTION
 - SUBSURFACE DRAIN
 - SANITARY SEWER PIPE
 - SANITARY SEWER PIPE (DUCTILE IRON)
 - NORMAL POOL ELEVATION
 - PROPOSED PAD ELEVATION
 - MINIMUM PAD ELEVATION
 - TYPICAL
 - PROPOSED
 - EXISTING
 - RADIUS
 - BURIED PIPELINE MARKER
- = FUTURE SECTIONS
 = AS-BUILT SUBSURFACE DRAIN LATERAL



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

Entry Date: 6-17-04

Entered by: JDH

WEIHE ENGINEERS, INC.

ALLAN H. WEIHE, P.E., L.S.
 PRESIDENT
 MICHAEL L. DEBOY, L.S.
 VICE - PRESIDENT

10505 NORTH COLLEGE AVENUE
 INDIANAPOLIS, INDIANA 46240
 (317) 846-6611 FAX (317) 843-0546
 TOLL-FREE (800) 452-6406

CIVIL ENGINEERS • LAND SURVEYORS • LAND PLANNERS • LANDSCAPE ARCHITECTS

DATE	BY	REVISIONS
4/6/00	BAH/EA	MINOR REVISIONS PER T.A.C. REVIEW
5/1/00	EAC	MINOR REVISIONS
5/5/00	BAH/EA	MINOR REVISIONS
6/22/00	BAH/EA	PROVISIONS PER HAMILTON COUNTY HIGHWAY
10/31/00	EAC	PROVISIONS PER HAMILTON COUNTY
	EAC	STORM SEWER AS-BUILTS
	MLM	
		DATE: 2/21/00

REVISIONS

MINOR REVISIONS PER T.A.C. REVIEW

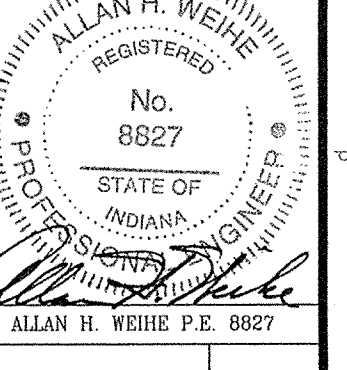
MINOR REVISIONS

MINOR REVISIONS

PROVISIONS PER HAMILTON COUNTY HIGHWAY

PROVISIONS PER HAMILTON COUNTY

STORM SEWER AS-BUILTS



ALLAN H. WEIHE P.E. 8827

HAZEL DELL WOODS - SECTION 1

PREPARED FOR: HAZEL DELL WOODS - SECTION 1

STORM PLAN AND PROFILE SHEET

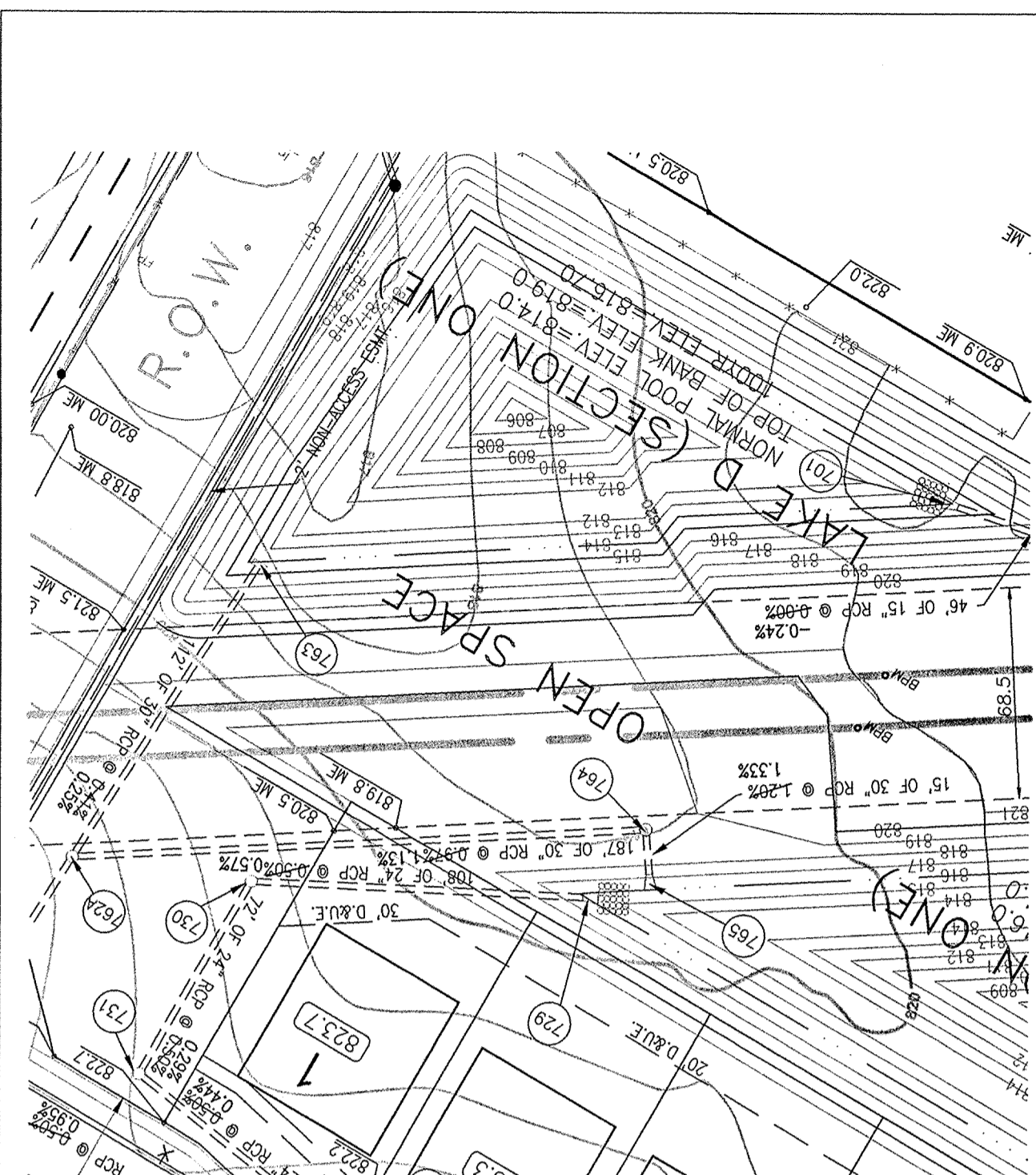
NOV 30 2000

RECORD DRAWING

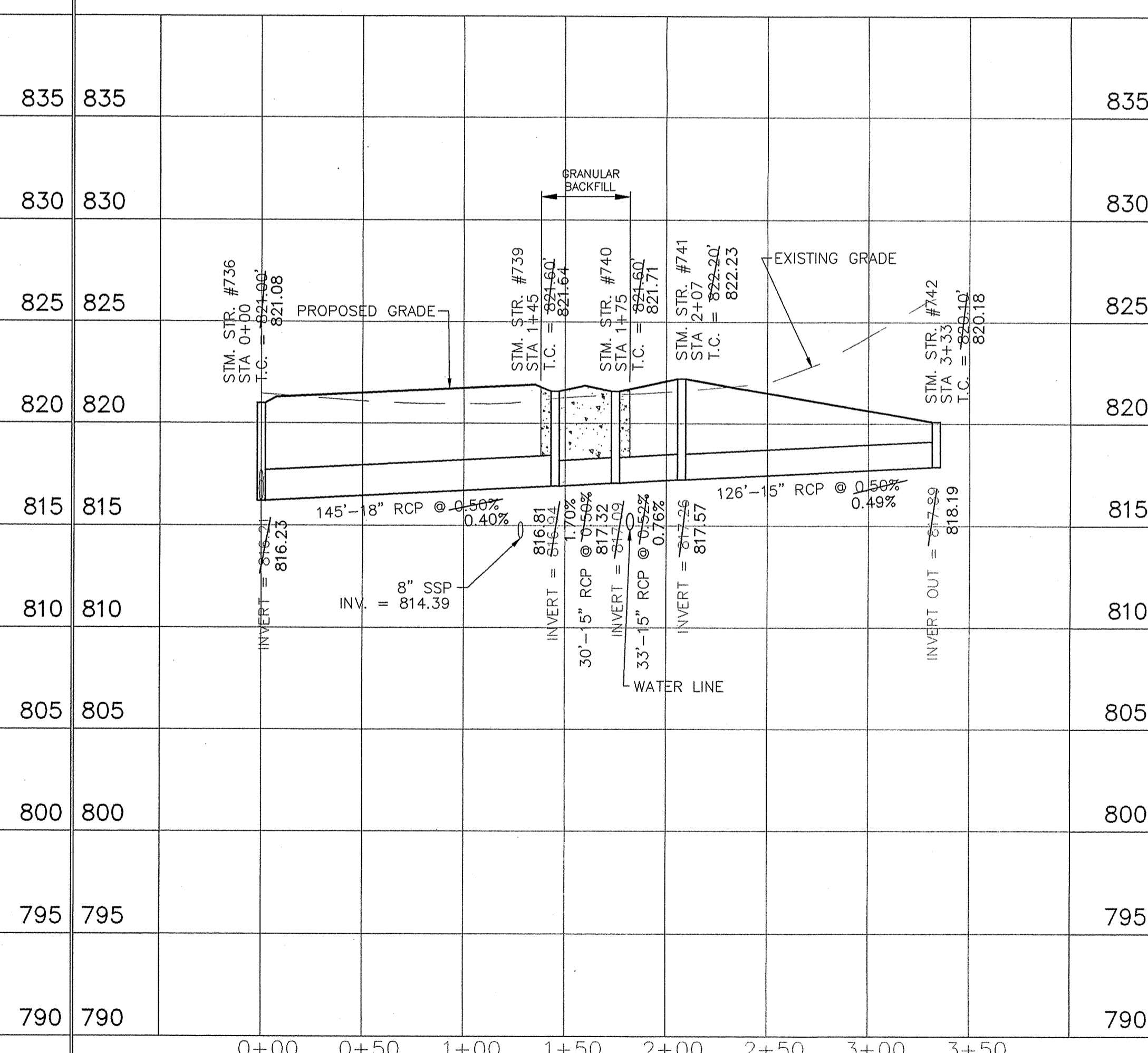
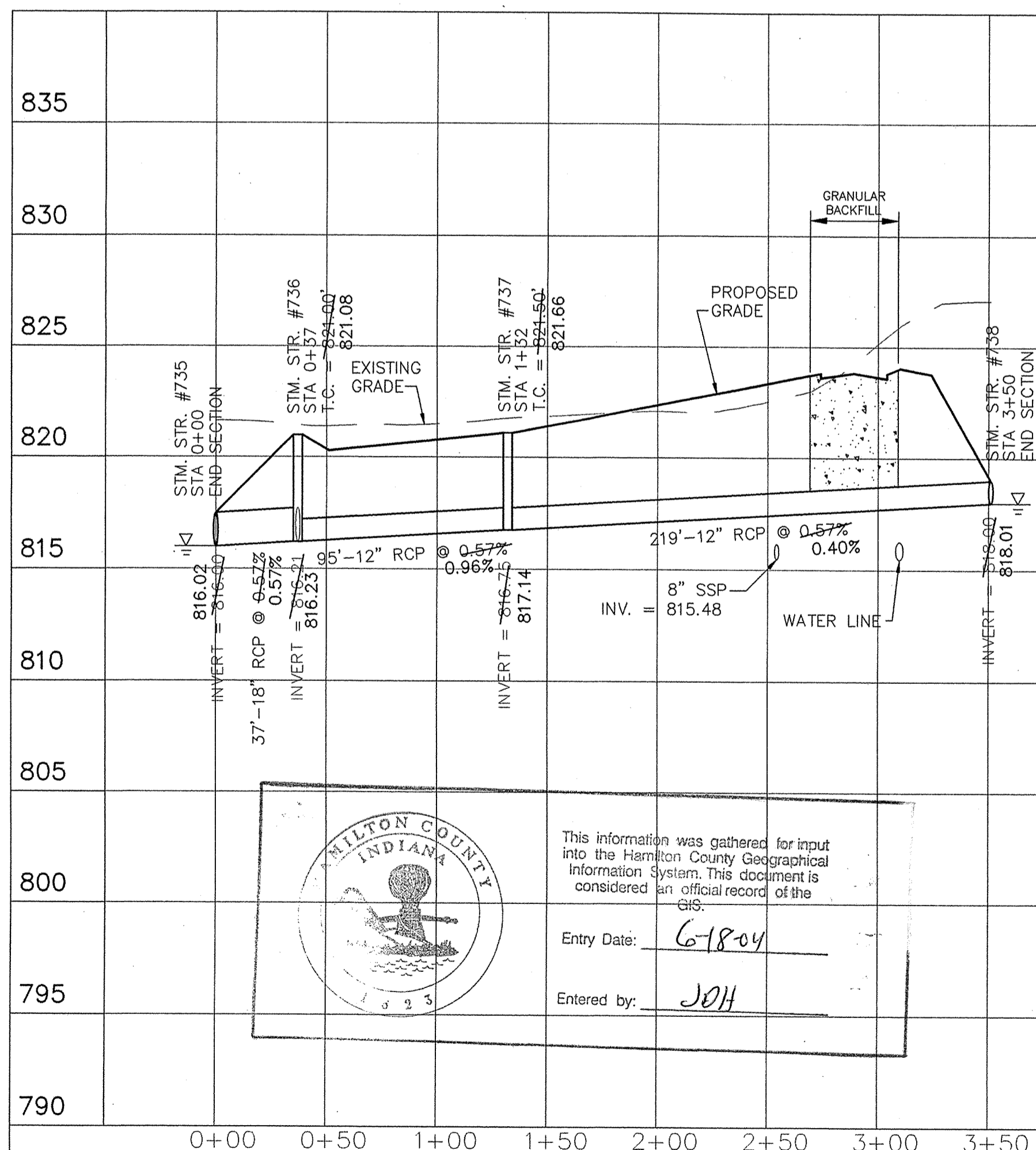
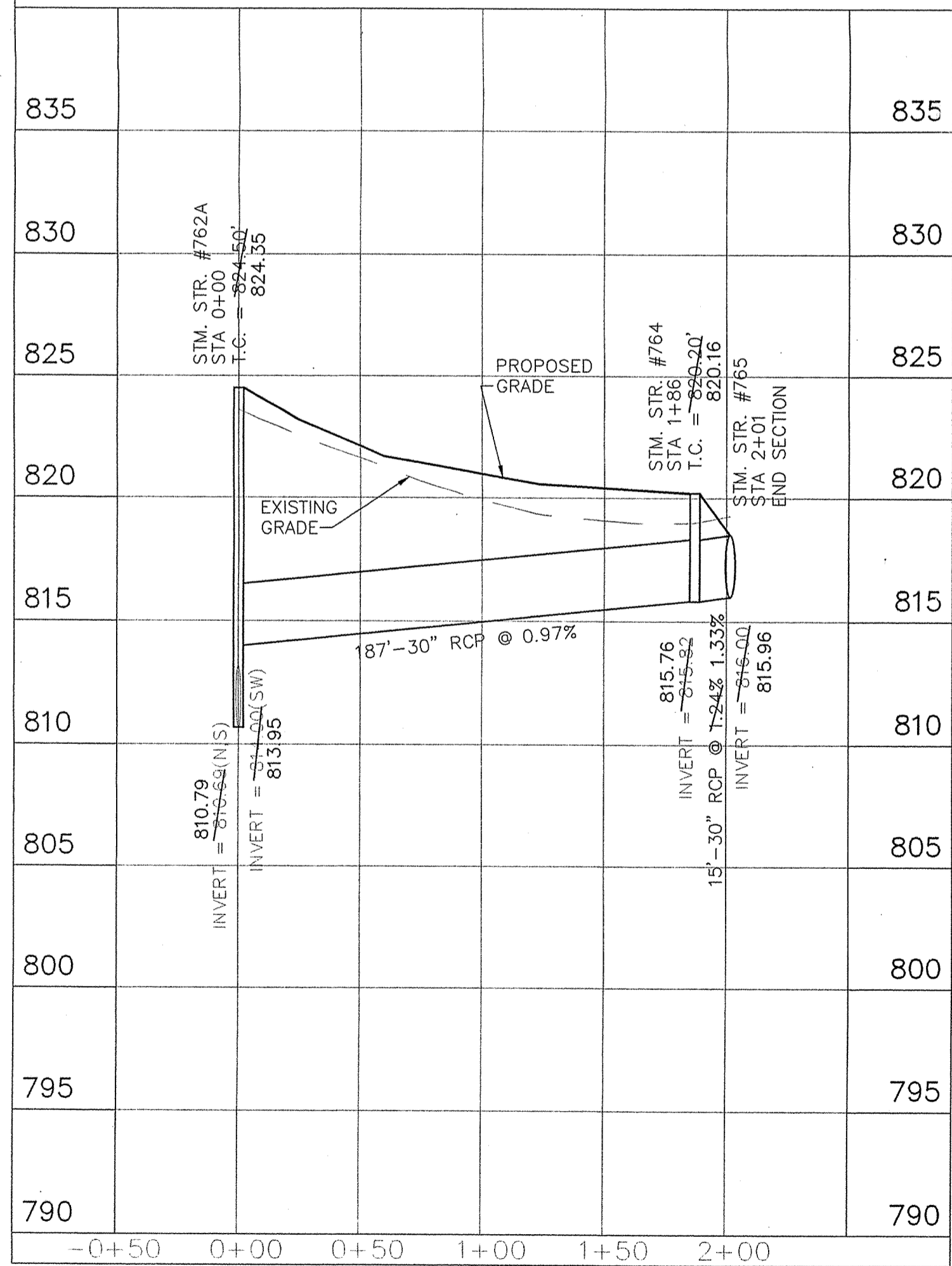
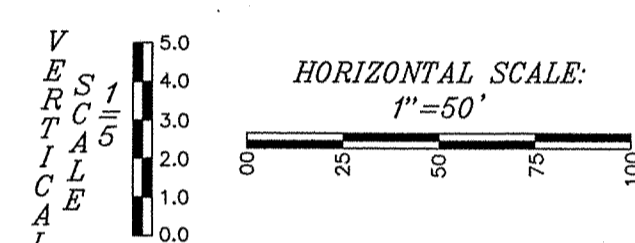
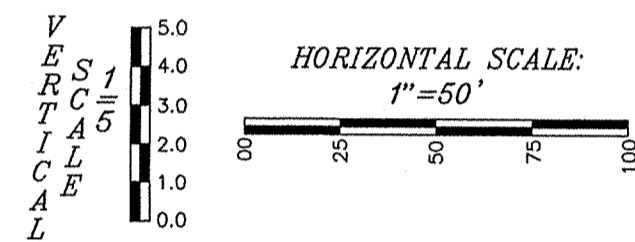
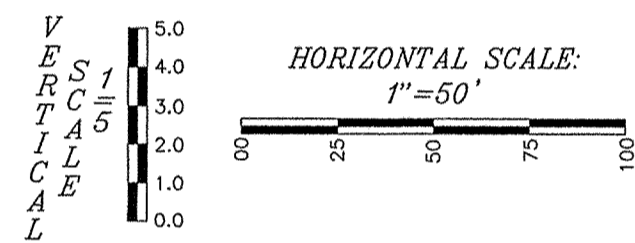
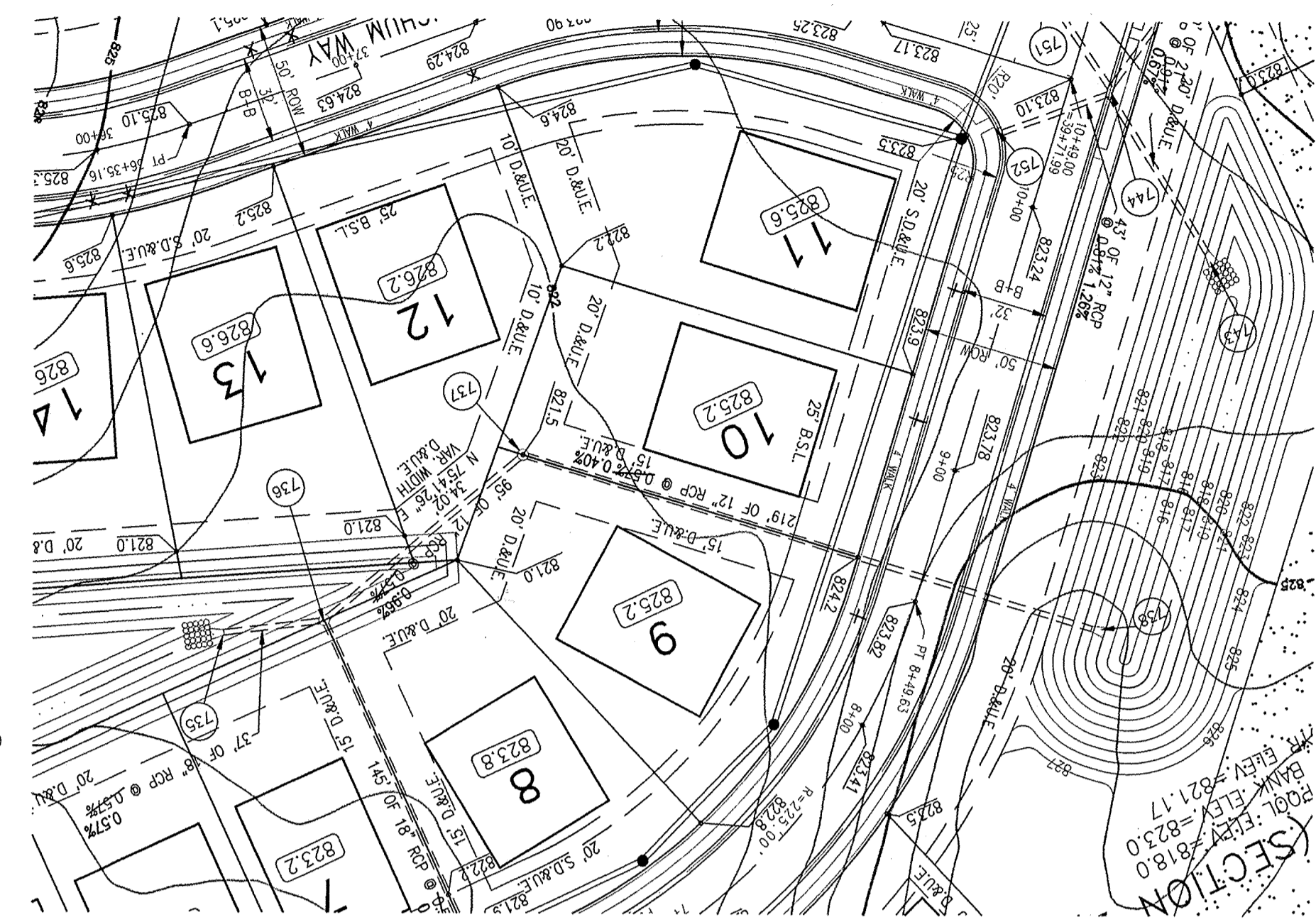
STORM SEWER AS-BUILTS

STORM SEWER STRUCTURES ONLY

10/31/00



- LEGEND**
- RIGHT-OF-WAY LINE
 - STORM SEWER LINE
 - SWALE
 - SANITARY SEWER LINE
 - SANITARY SEWER MANHOLE
 - SANITARY SEWER LATERAL
 - FLOW DIRECTION
 - EXISTING SPOT ELEVATION
 - EXISTING CONTOURS
 - PROPOSED ELEVATION
 - STORM BEEHIVE INLET
 - STORM INLET
 - T.C.
 - INVERT
 - REINFORCED CONCRETE PIPE
 - MANHOLE
 - STRUCTURE
 - D. & U.E.
 - S.D. & U.E.
 - SANITARY SEWER
 - HANDICAP RAMP
 - MATCH EXISTING GRADE
 - SUBSURFACE DRAIN AND SUMP LINE
 - STORM SEWER
 - GRANULAR BACKFILL
 - CONCRETE END SECTION
 - SUBSURFACE DRAIN
 - SANITARY SEWER PIPE
 - SANITARY SEWER PIPE (DUCTILE IRON)
 - NORMAL POOL ELEVATION
 - PROPOSED PAD ELEVATION
 - MINIMUM PAD ELEVATION
 - TYPICAL
 - PROPOSED
 - EXISTING
 - RADIUS
 - BURIED PIPELINE MARKER
 - AS-BUILT SUBSURFACE DRAIN LATERAL



MILTON 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: 6/18/04

Entered by: JSH

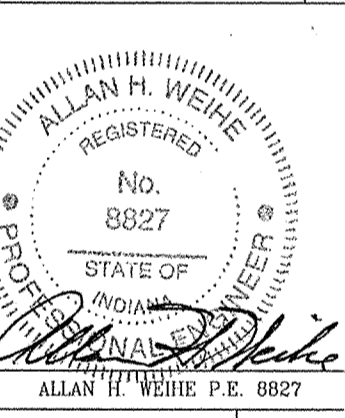
WEIHE ENGINEERS, INC.

ALLAN H. WEIHE, P.E., L.S.
PRESIDENT
MICHAEL L. DEBOY, L.S.
VICE - PRESIDENT

CIVIL ENGINEERS • LAND SURVEYORS • LAND PLANNERS • LANDSCAPE ARCHITECTS

10605 NORTH COLLEGE AVENUE
INDIANAPOLIS, INDIANA 46280
(317) 846-0611 FAX (317) 843-0646
TOLL FREE: (800) 462-6468

REVISIONS	DATE	BY	DESCRIPTION
MINOR REVISIONS PER TAC REVIEW	4/6/00	DLH/EC	
MINOR REVISIONS	5/7/00	EC	
MINOR REVISIONS	5/22/00	DLH/EC	
MINOR REVISIONS PER HAMILTON COUNTY HIGHWAY	6/22/00	DLH/EC	
REVISIONS PER HAMILTON COUNTY	10/31/00	EC	
STORM SEWER AS-BUILTS			



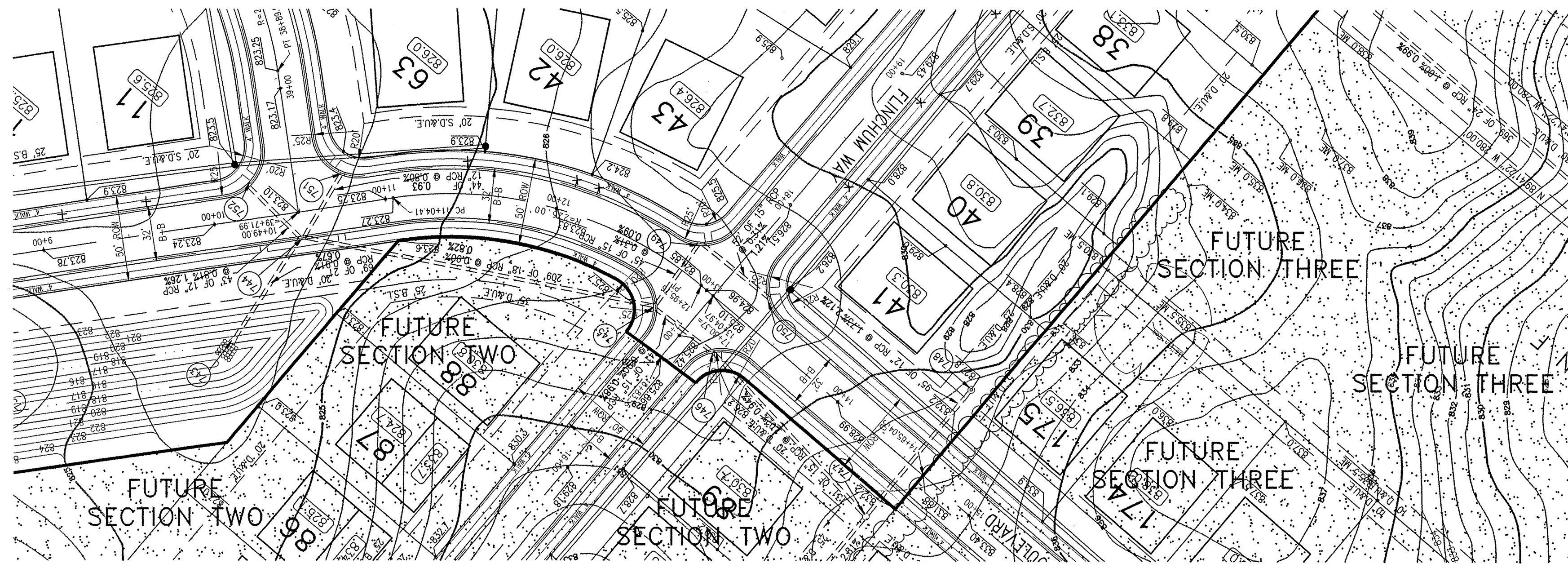
HAZEL DELL WOODS - SECTION 1

STORM PLAN AND PROFILE SHEET

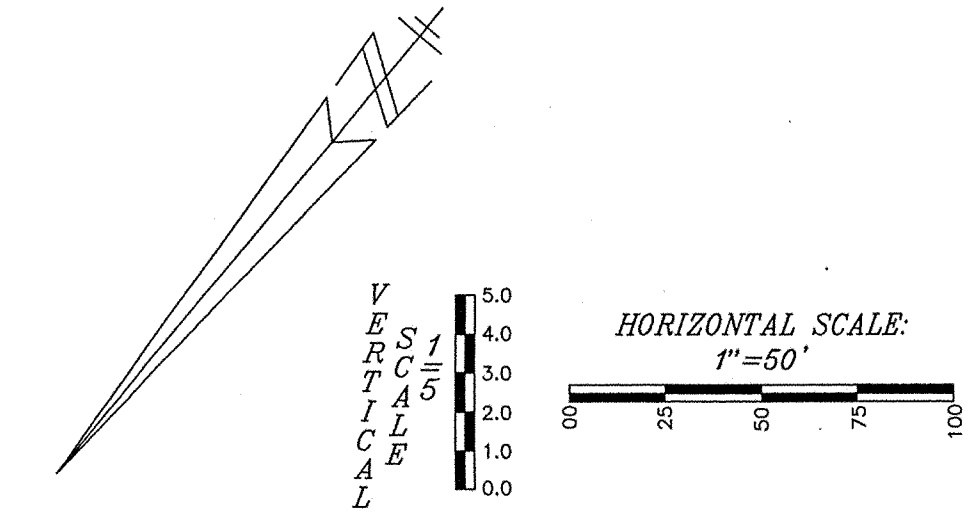
NOV 30 2004

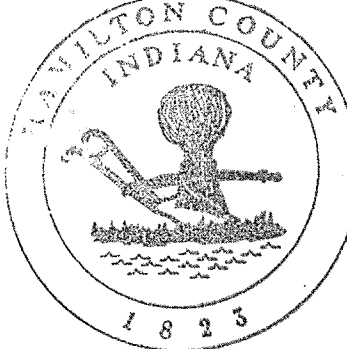
RECORD DRAWING

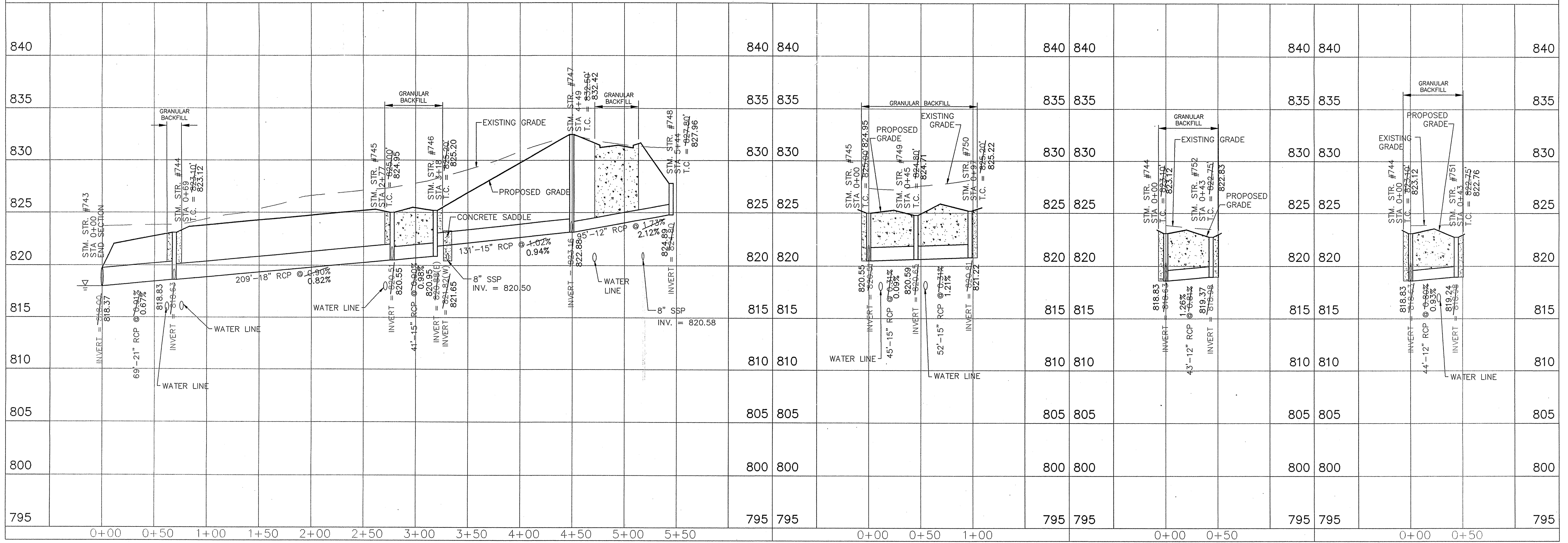
STORM SEWER AS-BUILTS
STORM SEWER STRUCTURES ONLY
10/31/00



- LEGEND**
- RIGHT-OF-WAY LINE
 - STORM SEWER LINE
 - SWALE
 - SANITARY SEWER LINE
 - SANITARY SEWER MANHOLE
 - SANITARY SEWER LATERAL
 - FLOW DIRECTION
 - EXISTING SPOT ELEVATION
 - EXISTING CONTOURS
 - PROPOSED ELEVATION
 - STORM BEEHIVE INLET
 - STORM INLET
 - TOP OF CASTING
 - INVERT
 - REINFORCED CONCRETE PIPE
 - MANHOLE
 - STRUCTURE
 - DRAINAGE AND UTILITY EASEMENT
 - SANITARY, DRAINAGE, AND UTILITY EASEMENT
 - SANITARY SEWER
 - HANDICAP RAMP
 - MATCH EXISTING GRADE
 - SUBSURFACE DRAIN
 - SANITARY SEWER PIPE
 - SANITARY SEWER PIPE (DUCTILE IRON)
 - NORMAL POOL ELEVATION
 - PROPOSED PAD ELEVATION
 - MINIMUM PAD ELEVATION
 - TYPICAL
 - PROPOSED
 - EXISTING
 - RADIUS
 - BURIED PIPELINE MARKER
- X = AB-BUILT SUBSURFACE DRAIN LATERAL
 [Symbol] = FUTURE SECTIONS



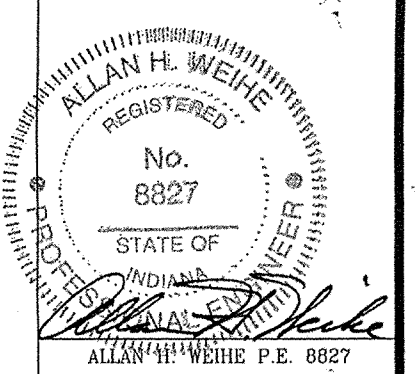

 This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the City.
 Entry Date: 6-18-09
 Entered by: JOH



WEIHE ENGINEERS, INC.
 ALLAN H. WEIHE, P.E., L.S.
 MICHAEL L. DUBOY, L.S.
 VICE - PRESIDENT
 10655 WINDY HOLLOW AVENUE
 INDIANAPOLIS, INDIANA 46228
 (317) 846-6611 FAX: (317) 843-0546
 TOLL-FREE (800) 452-6408
 CIVIL ENGINEERS • LAND PLANNERS • LAND SURVEYORS

PROJECT NO.:	91-0259
DATE:	4/16/00
BY:	EAC
FOR:	PROPOSED STORM SEWER
DATE:	5/1/00
BY:	EAC
FOR:	AS-BUILT
DATE:	5/22/00
BY:	EAC
FOR:	AS-BUILT
DATE:	10/31/00
BY:	EAC
FOR:	AS-BUILT

REVISIONS:
 MINOR REVISIONS PER T.A.C. REVIEW
 MINOR REVISIONS
 MINOR REVISIONS
 REVISIONS PER HAMILTON COUNTY
 STORM SEWER AS-BUILTS



PREPARED FOR:
HAZEL DELL WOODS - SECTION 1
 HAY DEVELOPMENT CORP.
STORM PLAN AND PROFILE SHEET
 SHEET NO. **18**
 NOV 30 2000

RECORD DRAWING
 STORM SEWER AS-BUILTS
 STORM SEWER STRUCTURES ONLY
 10/31/00

File name: H:\90\910009\Section1\910009S1W7