



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, CFM
Surveyor of Hamilton County
Phone (317) 776-8495
Fax (317) 776-9628

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

October 26, 2006

To: Hamilton County Drainage Board

Re: Little Eagle Creek Drain, Overbrook Farms Section 1 Arm

Attached is a petition filed by WTFOT, LLC. along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Overbrook Farms Section 1 Arm, Little Eagle Creek Drain to be located in Clay Township. 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:

12" RCP 1,667 feet	15" RCP 1,369 feet	18" RCP 1,142 feet
21" RCP 29 feet	24" RCP 1,617 feet	27" RCP 505 feet
30" RCP 290 feet	36" RCP 1,014 feet	6" SSD 9,633 feet

Reno Mattress Lined Open Channel	95 feet
Open Ditch	3,015 feet

The total length of the drain will be 20,376 feet.

The Reno Mattress Lined Open Channel listed above is that open channel from Str. 718 to Bear Creek and Str. 727 to Bear Creek as shown on Sheet 4 of the construction plans by Weihe Engineers, Inc., dated July 6, 2005 and having job number W04-0826.

The open ditch listed above is that open ditch known as Bear Creek thru the future Section 2 of Overbrook Farms and across parcel 17-09-19-00-00-002.000, owned by Thomas P. Murphy, and parcel 08-09-18-00-00-033.004, owned by Jerry and Jill Wright.

The retention pond (Pond #2) located in Common Area 1 and retention pond (Pond #3) located in future section 2 are to be considered part of the regulated drain. Pond maintenance shall include the inlet, outlet, sediment removal, and erosion control along the banks as part of the regulated drain. The maintenance of the ponds such as mowing and aquatic vegetation control 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. Only the main SSD lines, which are located within the right of way, are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain.

I have reviewed the plans and believe the drain will benefit each lot equally. Therefore, I recommend each lot be assessed equally. I also believe that no damages will result to landowners by the construction of this drain. I recommend a maintenance assessment of \$10.00 per acre for common areas and platted lots, with a \$65.00 minimum, and \$10.00 per acre for roadways. With this assessment the total annual assessment for this drain/this section will be \$4,483.20.


The petitioner has submitted surety for the proposed drain at this time. The sureties which are in the form of a Performance Bond are as follows:

Agent: Bond Safeguard Insurance Company
Date: November 30, 2005
Number: 5018425
For: Storm Sewers, Erosion Control, Sub-Surface Drains
Amount: \$756,592.80

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. The request is for the reduction of the regulated drain easement to those easement widths as shown on the secondary plat for Overbrook Farms Section 1 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for January 22, 2007.



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/llm

STATE OF INDIANA)
)
COUNTY OF HAMILTON)

TO: HAMILTON COUNTY DRAINAGE BOARD
% Hamilton County Surveyor
One Hamilton County Square, Suite 188
Noblesville, IN. 46060-2230

In the matter of Overbrook Farms Subdivision, Section
 ~~Two~~ 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 Overbrook Farms , 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

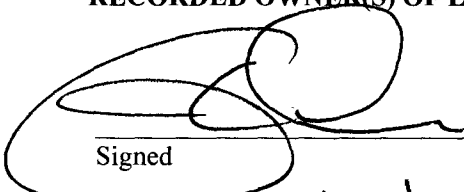
Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

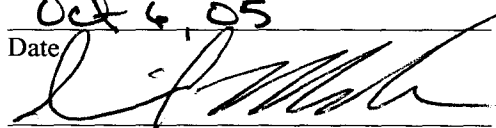
The Petitioner also agrees to the following:

1. To provide the Drainage Board a Performance Bond or Non-Revocable Letter of Credit for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 120% of the Engineer's 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 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.

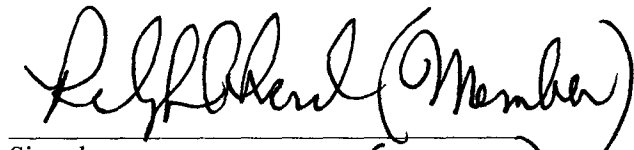
The Petitioner further requests that the Drain be classified as an Urban Drain as per IC 36-9-27-69(d).

RECORDED OWNER(S) OF LAND INVOLVED


Signed _____
Jerry Huston
Printed Name

Oct 6, 05
Date

Signed

DAVID MORTON
Printed Name
10-6-05
Date


Signed _____
RALPH AKHER (MEMBER)
Printed Name

OCT. 06-05
Date

Signed

Printed Name

Date

WEIHE ENGINEERS INC.

CIVIL ENGINEERS LAND SURVEYORS LANDSCAPE ARCHITECTS

1960 • 2005

45

October 10, 2005

Hamilton County Surveyor's Office
ATTN: Mr. Greg Hoyes
Suite 188
One Hamilton County Square
Noblesville, Indiana 46060

RE: OVERBROOK FARMS ENGINEERS ESTIMATE

Dear Greg:

The following totals are Hamilton County Surveyor's portion for the engineer's estimate of Overbrook Farms, Section One:

STORM SEWER AND SUBSURFACE DRAINS

12 Inch RCP	1808 lf	\$32,580.00
15 Inch RCP	1210 lf	\$25543.00
18 Inch RCP	1133 lf	\$25651.00
21 Inch RCP	29 lf	\$ 782.00
24 Inch RCP	1547 lf	\$48158.00
27 Inch RCP	507 lf	\$17998.00
36 Inch RCP	1214 lf	\$53476.00

6 Inch SSD (Curb & Lateral) \$64801.00

STRUCTURES


Small concrete end sections	2	\$ 950.00
Large concrete end sections	7	\$ 8015.00
Small inlet structures	34	\$43537.00
Large inlet structures	23	\$43309.00

Monuments & markers (materials/field labor including iron pins @ lot corners: \$4000.00

Erosion Control (per Hamilton County Soil & Water Requirements) \$60958.00

Please call should you have any questions. Thank you.


Sincerely,



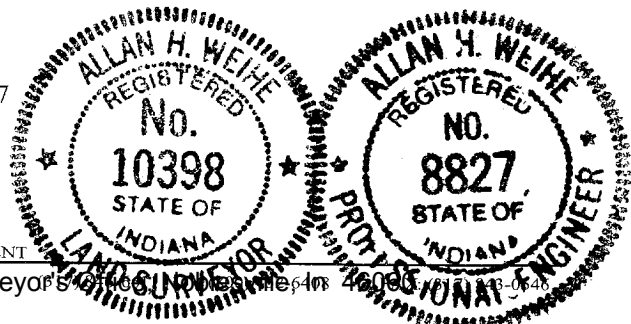
Dave Barnes, Weihe Engineers, Inc.

CERTIFICATION:

I certify that this cost breakdown represents an estimate of cost for materials and labor to make the improvements shown on the construction plans and is based on standard methods of estimating such costs effective at the time of the estimate was prepared.



Allan H. Weihe, President, Weihe Engineers, Inc., P.E. Indiana 8827



ALLAN H. WEIHE, P.E., L.S. - PRESIDENT

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

Little Eagle Creek Drain, Overbrook Farms Section 1 Arm

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the **Little Eagle Creek Drain, Overbrook Farms Section 1 Arm** on **January 22, 2007**, at **9:05 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana. Construction and maintenance reports of the Surveyor and the Schedule of Assessments proposed by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest:Lynette Mosbaugh

ONE TIME ONLY

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF THE

Little Eagle Creek Drain, Overbrook Farms Section 1 Arm

NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **January 22, 2007** has issued an order adopting the Schedule of Assessments, filed the same and made public announcement thereof at the hearing and ordered publication. If judicial review of the findings and order of the Board is not requested pursuant to Article Eight of this code within twenty (20) days from the date of this publication, the order shall be conclusive.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

Little Eagle Creek Drain, Overbrook Farms Section 1 Arm

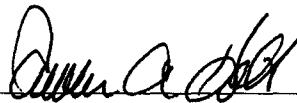
On this **22nd day of January 2007**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Little Eagle Creek Drain, Overbrook Farms Section 1 Arm**.

Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

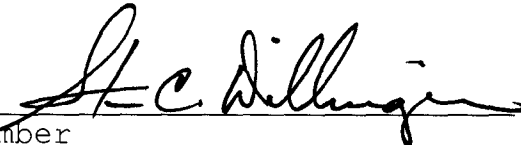
HAMILTON COUNTY DRAINAGE BOARD



President



Member



Member

Attest:



CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: **Overbrook Farms, Section One**

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 been installed and completed in conformity with all plans and specifications.
5. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been correctly represented on the Record Drawings, Digital Record Drawings and the Structure Data Spreadsheet.

Signature: *Allan H. Weihe* Date: **3/19/07**

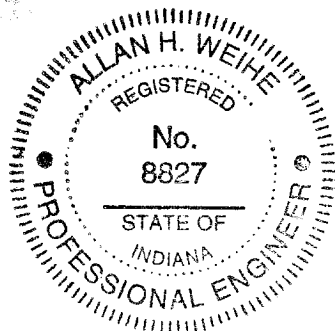
Type or Print Name: **Allan H. Weihe**

Business Address: **10505 N. College Avenue**

Indianapolis, IN 46280

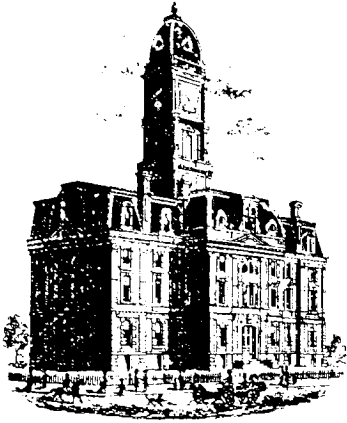
Telephone Number: **317-846-6611**

SEAL



INDIANA REGISTRATION NUMBER

8827



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, CFM
 Surveyor of Hamilton County
 Phone (317) 776-8495
 Fax (317) 776-9628

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

To: Hamilton County Drainage Board

September 2, 2007

Re: Little Eagle Creek Drain: Overbrook Farms Section 1

Attached are as-builts, certificate of completion & compliance, and other information for Little Eagle Creek Drain. 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 October 26, 2006. The report was approved by the Board at the hearing held January 22, 2007. (See Drainage Board Minutes Book 10, Pages 42-43)
 The changes are as follows:

Structure:	Length:	Size	Material:	Up Invert:	Dn Invert	Grade:	Changes:
762-761	165	15	RCP	905.14	904.25	0.54	1
761-758	71	18	RCP	904.25	903.76	0.69	
760-759	83	18	RCP	906.79	906.24	0.66	1
759-758	159	18	RCP	906.24	903.76	1.56	1
758-757	164	24	RCP	903.76	902.89	0.53	
757-757A	160	15	RCP	905.97	902.89	1.93	1
757-756	199	24	RCP	902.89	901.89	0.46	
763-755	39	12	RCP	903.12	901.78	3.44	
756-755	38	24	RCP	901.98	901.78	0.53	
755-754	354	27	RCP	901.78	900.05	0.49	
754-753	152	27	RCP	900.05	899.29	0.5	1
767-753	179	15	RCP	904.83	899.29	3.09	
753-752	290	30	RCP	899.29	898.02	0.44	2
766-765	42	12	RCP	903.75	901.92	4.36	
765-764	41	12	RCP	901.92	900.38	3.76	
764-754	14	12	RCP	900.28	900.05	1.64	1
775-774	170	12	RCP	900.35	899.27	0.64	1
774-773A	28	15	RCP	899.27	899.05	0.79	
773A-773	87	15	RCP	899.05	898.59	0.53	2
773-752	151	15	RCP	898.59	898.02	0.38	1
772-771	186	15	RCP	904.21	903.37	0.45	1
771-770	163	18	RCP	903.37	902.46	0.56	2

770-769	28	24	RCP	902.46	902.27	0.68	
769-768	51	24	RCP	902.27	901.88	0.76	2
768-752	255	24	RCP	901.88	898.02	1.51	-2
752-751	168	36	RCP	898.02	897.18	0.49	
751-750	288	36	RCP	897.18	895.62	0.54	3
750-749	100	36	RCP	895.62	894.77	0.85	
749-748	195	36	RCP	894.77	893.93	0.43	-2
748-747	210	36	RCP	891.5	890.01	0.72	10
778-776	43	12	RCP	897.04	895.27	4.12	2
777-776	40	12	RCP	896.85	895.27	3.95	-2
776-748	24	12	RCP	895.02	893.93	4.96	2
733B-733A	28	12	RCP	897.33	895.8	5.46	
733A-733	16	12	RCP	894.75	894.31	2.75	
733-732	206	15	RCP	894.31	890.06	2.06	6
735-734	28	12	RCP	895.7	895.47	0.82	
734-733	218	15	RCP	895.47	894.31	0.53	
745-744	40	12	RCP	899.42	898.96	1.15	
746-744	39	12	RCP	899.67	898.96	1.82	
744-742	176	12	RCP	898.96	896.07	1.64	3
743-742B	166	24	RCP	896.82	895.64	0.71	2
742B-742A	28	24	RCP	895.64	895.47	0.61	
742A-742	15	24	RCP	895.47	894.77	4.67	-1
742-741	176	24	RCP	893.87	892.15	0.98	1
741-740	67	24	RCP	891.25	890.14	1.66	
739B-739A	132	12	RCP	893.26	891.92	1.02	
739A-739	39	12	RCP	891.92	891.42	1.28	-1
739-738	28	18	RCP	891.42	891.19	0.82	
738-737	191	18	RCP	891.19	890.4	0.41	
737-736	47	18	RCP	890.4	890.11	0.62	-2
784A-784	353	12	RCP	887.49	884.4	1	1
784-783A	217	12	RCP	884.4	881.79	1.2	-3
783A-783	237	18	RCP	881.79	879.47	0.98	1
783C-783B	28	12	RCP	893.96	893.47	28	
783B-783A	161	12	RCP	889.87	881.79	5.02	
783-782	31	18	RCP	879.14	878.81	1.91	-1
782-781	28	18	RCP	878.81	878.36	2.25	
781-780A	37	18	RCP	878.81	878.36	1.97	1
780A-780	71	18	RCP	877.63	876.31	1.86	1
780-779	60	24	RCP	876.31	875.8	0.85	6
719-718	71	36	RCP	875.79	875.18	1.09	7
731-730	35	21	RCP	890.02	889.52	1.43	6
730-729	171	24	RCP	889.52	886.74	1.63	1
729-728	81	24	RCP	886.74	885.7	1.28	2
728-727	148	24	RCP	885.7	883.41	1.55	

6" SSD Streets:

Overbrook Dr	2327.5
Dunellen Cir	417

Other Drain:

Reno Lined Channel	95
Open Ditch	3015

Pelham Rd	1305.5
Pemberton	649

Total:	<u>3110</u>

Total: 9398

RCP Pipe Totals:

12	1670
15	1380
18	1146
21	35
24	1647
27	506
30	290
36	1032

Total: 7706

The length of the drain due to the changes described above is now **20,214 feet**.

The non-enforcement was approved by the Board at its meeting on January 22, 2007 and recorded under instrument #2007012843.

The following sureties were guaranteed by Bond Safeguard Insurance Company and released by the Board on its November 24, 2008 meeting.

Bond-LC No: 5018425
Insured For: Storm Sewers
Amount: \$756,592.80
Issue Date: November 30, 2005

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

Sincerely,



Kerfon C. Ward, CFM
Hamilton County Surveyor

KCW/slm

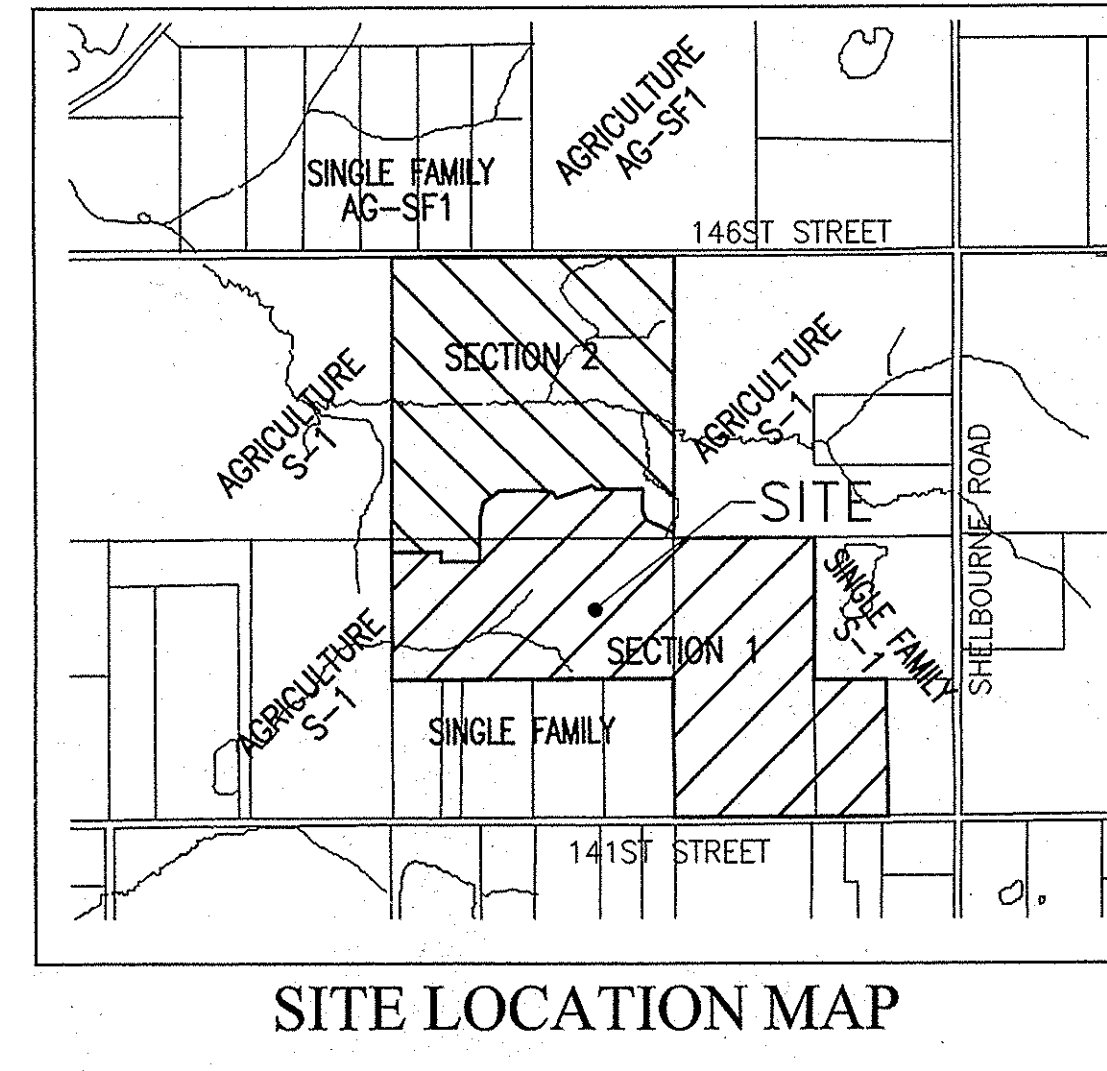
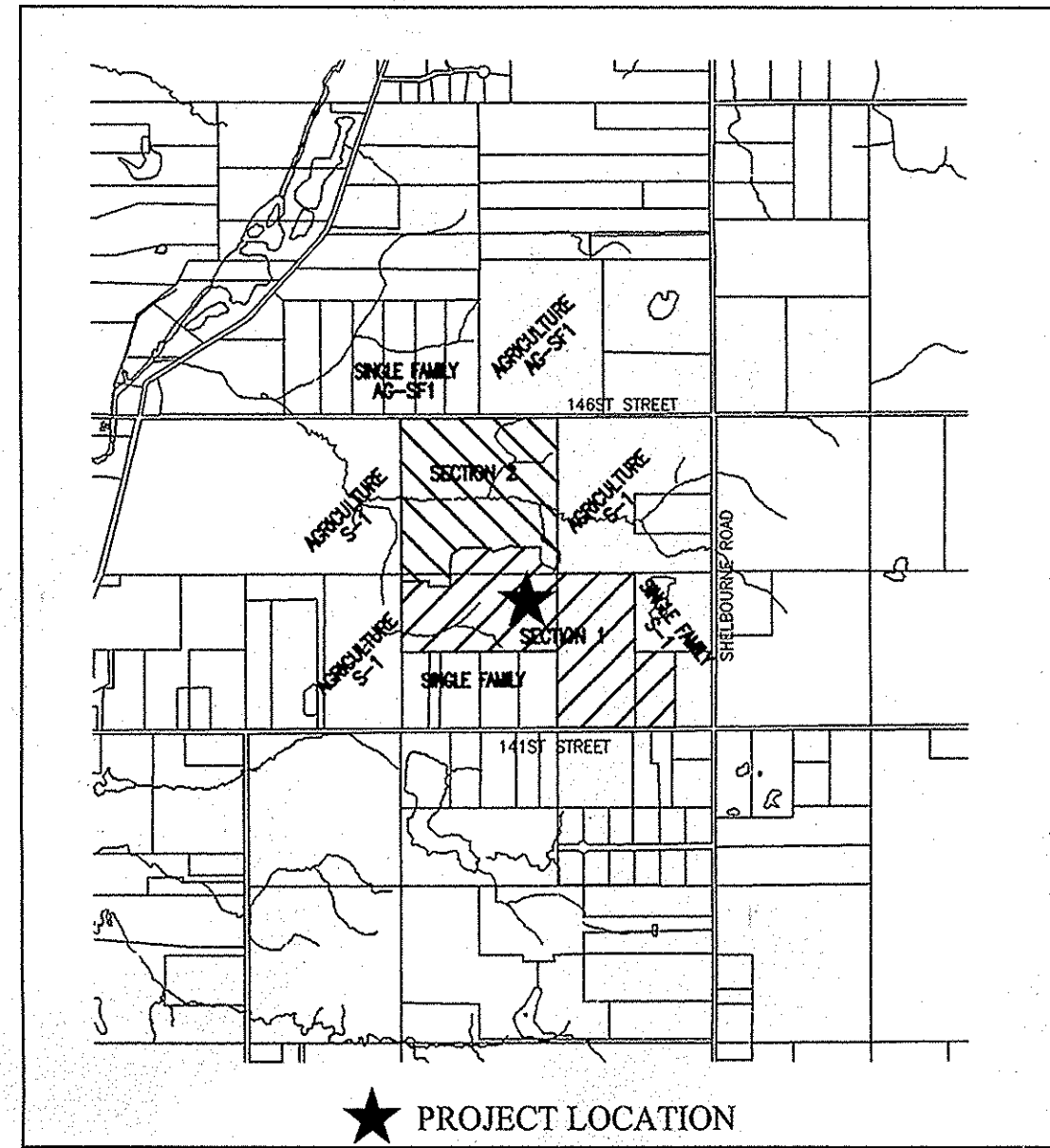
OVERBROOK FARMS SUBDIVISION

SECTION 1

3915 W. 146TH STREET
CARMEL, INDIANA 46032

SHEET INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	EXISTING CONDITIONS & DEMOLITION PLAN
3-4	SITE DEVELOPMENT PLAN
5-9	STREET PLAN & PROFILE SHEETS
10	INTERSECTION & CUL-DE-SAC DETAILS
11	ENTRANCE PLAN & ENTRANCE TRAFFIC PLAN
12	TRAFFIC CONTROL PLAN
13-20	STORM SEWER PLAN & PROFILE SHEETS
21-22	OFFSITE SANITARY SEWER PLAN & PROFILE SHEETS
23-29	SANITARY SEWER PLAN & PROFILE SHEETS
30-33	EROSION CONTROL PLAN & DETAILS
34-36	CONSTRUCTION DETAILS
36A	CARMEL PAVING POLICY
37-38	WATER MAIN PLAN, DETAILS & SPECIFICATIONS
39	BUCKEYE RESTRICTIONS & SPECIFICATIONS



PROJECT LOCATION
AREA MAP

SITE LOCATION MAP

SHEET NO.	DESCRIPTION	DATE
ALL	REVISIONS PER HYDRAULIC REPORT	7/29/05
39-41	REVISIONS PER HCSWCD	8/22/05
ALL	REVISIONS PER T.A.C. & CLIENT	9/02/05
39-41A	REVISIONS PER HCSWCD	9/13/05
39-41A	REVISIONS PER HCSWCD	9/16/05
ALL	REVISIONS PER CARMEL & CROSSROAD ENGINEERS	10/06/05
ALL	REVISIONS PER HAM. CO. SURVEYORS OFFICE	10/11/05
ALL	REVISIONS PER CLAY TWP. R.W.D., CARMEL & CROSSROAD ENG.	10/31/05
ALL	REVISIONS PER CARMEL UTILITIES & HAM. CO. SURVEYORS OFFICE	11/07/05
ALL	REVISIONS PER CARMEL ENGINEERING & BUCKEYE PARTNERS	11/28/05
1,11,34,35,36A	REVISIONS PER CARMEL ENGINEERING	12/16/05
ALL	REVISED SANITARY & ADDED MH #OF920A TO PRESERVE EX. TREES	12/29/05
1,3,6,16,26,34,37,39	REVISIONS PER BUCKEYE PARTNERS	1/17/06
1,21,22	REVISED OFFSITE SANITARY	2/28/06
1,3,16	REVISED STORM RUNS 758-759-760	3/28/06
1,4,38	ADDED TEMPORARY FIRE HYDRANT PER CITY OF CARMEL	4/25/06

REVISIONS

GENERAL NOTES

- 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.
- 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.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO NOTIFY AND COORDINATE CONSTRUCTION WITH ALL RESPECTIVE UTILITIES.
- ALL QUANTITIES GIVEN ON THESE PRINTS, VERBALLY OR IN THE SCOPE OF WORK SECTION ARE ESTIMATES AND SHALL BE CONFIRMED BY THE BIDDING CONTRACTORS.
- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
- IN ADDITION, EXCAVATION EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
- IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER AND CONTRACTOR TO MAINTAIN QUALITY CONTROL THROUGHOUT THIS PROJECT.
- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL STANDARDS.
- THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS AND METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS.
- ANY FIELD TILES ENCOUNTERED DURING EXCAVATION SHALL BE REPAIRED AND CONNECTED TO NEW STORM SEWERS AND POSITIVE DRAINAGE PRESERVED.
- IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER THAT ALL LANDSCAPE REQUIREMENTS ARE MET AND CONFORM TO APPLICABLE LOCAL STANDARDS.
- THE SITE DOES NOT LIE IN A SPECIAL FLOOD HAZARD AREA AS ESTABLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY - NATIONAL FLOOD INSURANCE PROGRAM, WHEN PLOTTED BY SCALE ON FLOOD INSURANCE RATE MAP #18057C0205F, DATED FEBRUARY 19, 2003.
- BEARINGS, DIMENSIONS AND EASEMENTS ARE SHOWN FOR REFERENCE ONLY. SEE RECORD SURVEYS & PLAN FOR EXACT INFORMATION.
- THIS SITE DOES CONTAIN ANY WETLANDS AS SHOWN ON THE U.S. DEPARTMENT OF THE INTERIOR FISH AND WILDLIFE SERVICE; CARMEL, INDIANA, NATIONAL WETLANDS INVENTORY MAP DATED 1990. THE EXISTING STREAM ON THE SUBJECT REAL ESTATE IS CONSIDERED A WETLANDS AREA.

LAND DESCRIPTION

LAMB REAL ESTATE (Now or Formerly) - Instrument No. 2000-15920 Parcel 1, Title Commitment The Southeast Quarter of the Northeast Quarter of Section 19, Township 18 North, Range 3 East located in Clay Township, Hamilton County, Indiana, EXCEPT the following described portion, to-wit: A part of the Northeast Quarter of Section 19, Township 18 North, Range 3 East located in Clay Township, Hamilton County, Indiana, and more specifically described as follows: Beginning at a point on the South line of the Northeast Quarter of Section 19, Township 18 North, Range 3 East, said point being South 89 degrees 39 minutes 46 seconds West (assumed bearing) 328.00 feet from the Southeast corner of said Northeast Quarter; thence South 89 degrees 39 minutes 46 seconds West 330.00 feet on and along the South line of said Northeast Quarter; thence North 00 degrees 00 minutes 00 seconds 670.00 feet parallel with the East line of said Northeast Quarter; thence North 89 degrees 39 minutes 46 seconds East 330.00 feet to the point of beginning; EXCEPT: Part of the South half of the Northeast Quarter of Section 19, Township 18 North, Range 3 East in Clay Township, Hamilton County, Indiana, described as follows: Beginning on the East line of the Northeast Quarter of Section 19, Township 18 North, Range 3 East in Clay Township, Hamilton County, Indiana, described as follows: Beginning at the Southeast corner of the Northeast Quarter of Section 19, Township 18 North, Range 3 East; thence South 89 degrees 40 minutes 00 seconds West (assumed bearing) on the South line of said Northeast Quarter 328.00 feet; thence North 00 degrees 00 minutes 00 seconds East parallel with the South line of said Northeast Quarter 658.00 feet; thence North 00 degrees 00 minutes 00 seconds East parallel with said East line 644.00 feet to the North line of the South half of said Northeast Quarter; thence North 89 degrees 39 minutes 00 seconds East on said North line 658.00 feet to the East line of said Northeast Quarter; thence South 00 degrees 00 minutes 00 seconds West on said East line 644.23 feet to the place of beginning, containing 9.730 acres, more or less, also EXCEPT THEREFROM: Part of the South half of the Northeast Quarter of Section 19, Township 18 North, Range 3 East in Clay Township, Hamilton County, Indiana, described as follows: Beginning at the Southeast corner of the Northeast Quarter of Section 19, Township 18 North, Range 3 East; thence South 89 degrees 40 minutes 00 seconds West (assumed bearing) on the South line of said Northeast Quarter 328.00 feet; thence North 00 degrees 00 minutes 00 seconds East parallel with the South line of said Northeast Quarter 670.00 feet; thence North 89 degrees 40 minutes 00 seconds East parallel with said South line 328.00 feet to the East line of said Northeast Quarter; thence South 00 degrees 00 minutes 00 seconds West on said East line 670.00 feet to the place of beginning, containing 5.045 acres, more or less. THE ABOVE DESCRIBED REAL ESTATE IS SUBJECT TO AND/OR TOGETHER WITH THE FOLLOWING: Right-of-Way for 141st Street. Terms and provisions as contained in easement in favor of Socony-Vacuum Oil Company, Inc. per Misc. Book 34, Page 272, and last assigned to Marathon Pipeline Company per Misc. Book 97, Page 11, and Partial Release of Pipe Line Easement per Misc. Book 146, Page 663. Terms and provisions as contained in easement in favor of The Buckeye Pipe Line Company per Deed Book 175, Page 210, and Joiner of Pennsylvania Company per Easement Book 4, Page 739. Upper and lower riparian rights of Bear Creek.

Including also 5.1 acres, recorded as Instrument #89-34570 described as follows: Beginning at the Southeast Corner of the Northeast Quarter of Section 19, Township 18 North, Range 3 East; thence South 89 degrees 45 minutes 56 seconds West along the South line of said Northeast Quarter 328.00 feet; thence continuing on said South line 330.00 feet; thence North 00 degrees 00 minutes 00 seconds East 670.00 feet; thence North 89 degrees 39 minutes 46 seconds East 330.00 feet; thence South 00 degrees 00 minutes 00 seconds West 670.00 feet to the point of beginning.

Subject to all other easements, restrictions, and rights-of-way of record.

Total tract acreage contains 84.26 acres, more or less.

TYPICAL SANITARY SEWER SPECIFICATIONS TO BE USED FOR PRIVATE SEWER DEVELOPMENT WITHIN CLAY TOWNSHIP REGIONAL WASTE DISTRICT REVISED MAY 2002

- Standard specifications of the District and Indiana Department of Transportation shall apply for all work and materials. Pipe shall be installed in accordance with Section 715.
- Sanitary sewer pipe shall be PVC in accordance with ASTM D-3034 (S.D.R. 35) and ASTM 2321. PVC pipe shall have grooved bell and gasket. The pipe shall be made of PVC plastic having a cell classification of 124548.
- PVC sewer fittings shall conform to the requirements of ASTM D-3034-89 specification. Fittings in sizes through 8" shall be molded in one piece with elastomeric joints and minimum socket depths as specified in sections 6.2 and 7.3.2. Fittings 10" and larger shall be molded or fabricated in accordance with section 7.11 with manufacturers standard pipe bells and gaskets. Wall thickness of fittings shall be SDR 26 as defined in section 7.4.1 of specifications. Gaskets for elastomeric joints shall be made with a minimum cross-sectional area of 0.20 square inches and conform to ASTM F-477 specification. Fittings shall be manufactured by Hero or equal.
- All sanitary manholes shall be precast concrete manholes in accordance with ASTM C-478 and Section 720. 0-rings shall conform to C-443. Kent Seal or equivalent shall also be applied to all joints and between riser rings and coatings. Manhole step spacing shall be no more than 18-inches. Manholes shall be air tested for leakage in accordance with ASTM C1244-93, Standard Test Method for Concrete Sewer Manholes by the Negative Air Pressure (Vacuum) Test.

- Installation and operation of vacuum equipment and indicating devices must be in accordance with manufacturers recommendations and performance specifications which have been provided by the manufacturer and accepted by the Engineer. The vacuum equipment must be capable of testing the entire manhole, including the coating and riser rings.
- With the vacuum tester set in place:
 - Connect the vacuum pump to the outlet port with the valve open.
 - Draw a vacuum of ten (10) inches of Hg. and close the valve.
 - Accepted standards for leakage will be established from the elapsed time for a negative pressure change from ten (10) inches of mercury to the maximum allowable leakage rate for a four (4) foot diameter manhole must be in accordance with the following:

Manhole Depth Pressure Change of 1 inch Hg	10 feet or less	60 seconds
>10 feet but <15 feet	75 seconds	
>15 feet but <25 feet	90 seconds	

 For manholes five (5) feet in diameter, add an additional fifteen (15) seconds and for manholes six (6) feet in diameter, add an additional thirty (30) seconds to the requirements for four (4) foot diameter manholes. For all manholes deeper than twenty-five (25) feet, the Engineer will determine the applicable minimum elapsed time.
 - If the manhole fails the test, necessary repairs must be made and the vacuum test and repairs must be repeated until the manhole passes the test.
 - If manhole joint sealants are pulled out during the vacuum test, the manhole must be disassembled and the joint sealants replaced.
 - Manholes will be subject to visual inspection with all visual leaks being repaired.
 - Butyl rubber coating shall be applied around each manhole joint from 6-inches above to 6-inches below each joint. The appropriate primer shall be applied prior to applying the rubber coating. Inside joints to be filled with precast plug material.
 - The manhole chimneys, including riser rings shall be sealed using left-shoulder Unibond or approved equal. Prior to placement, the top 4-inches of the manhole cone and casing frame shall be cleaned and primed. The Unibond shall extend from 3-inches below the top of the cone section to 2-inches above the flange of the manhole coating frame.
 - The coating elevations are set by plan. However, the coatings are to be adjusted in the field by the Engineer representative should a discrepancy occur between plan grade and existing grade. New manhole ring and cover shall be installed to establish grade. Maximum height of adjusting rings shall be 12-inches.

- Backfill around all structures and all cuts under paved areas with granular material. Trenches opening within 5-feet of paved roadways shall be backfilled with granular material in accordance with Section 211. Backfill under sidewalks shall be granular, unless the walks are constructed a minimum of 6 months after backfill has been in place.
- The Contractor shall be responsible for verifying that all state highways, city, and county permits have been obtained by the Engineer prior to start of construction.
- The Contractor shall be required to furnish the developer a set of prints, marked in red pencil, showing actual sewer location and invert, to include lateral location, depth and length. Such actual prints must be received by the Engineer before the final contract payment can be authorized. The sanitary sewer locations and stubs termination shall be indicated on the surface with a metal fence post set immediately above the said termination point.

- All sanitary sewer lines upon completion will be required to pass a low pressure air test. Said test shall be conducted according to ASTM 1417-92, and shall be witnessed by an Engineer and a representative of the District. The testing shall be in accordance with Table 1. Add 0.5 psi for each foot of water above the sewer line being tested.
- Dilatation tests shall be performed on all flexible pipe after the final backfill has been in place at least 30 days. No pipe shall exceed a vertical deflection of 5% deflection test results. (The following are considered non-flexible pipes: concrete pipe, ductile iron pipe, and cast iron pipe). The deflection test shall be performed with a three-point mandrel. Proving rings shall be available.

- All manhole testing shall be observed by a professional engineer representative for certification and a representative of the District.
- The ends of laterals are to be plugged tight with a braided plastic disc or cap capable of withstanding a low pressure air test without leakage.
- Bedding for flexible pipe shall be No. 8 crushed stone from 6-inches below the pipe to 12-inches above the pipe. Bedding for rigid pipe shall be No. 8 crushed stone from 6-inches below the pipe to the spring line of the pipe and from this point to 12-inches above shall be fill sand or equivalent. Manholes shall be placed on no less than 8-inches of No. 8 crushed stone bedding.
- Water and sewer line crossings and separations shall be in accordance with 327 IAC 3-8-9. Trench shall be opened sufficiently ahead of pipe laying to reveal obstruction, and shall be properly protected and/or barricaded when left unattended.
- No water shall be permitted to flow into the sanitary sewer system during construction. Contractor shall utilize a water level below the pipe. Pump discharge shall be directed to a storm outlet in accordance with state and federal laws and regulations (327 IAC 3-6-20). Any pipe entering existing sewers shall be plugged with screw type mechanical brood plug until such time as all tests on the sewers have been completed and the lines have passed all punch lists.
- All sewer laterals installed by the mainline Contractor shall be bedded the same as the main line sewer.

- Forty-eight (48) hours notice shall be given to the District prior to the start of sewer construction. Also, 48 hours notice shall be given prior to doing any testing on the sewer.
- Manhole castings shall be stamped SANITARY SEWER (Heenech Casting R 1642A or equal) and be self-sealing type. The casting flange shall be 34 inches above the riser opening shall be 24 inches. Waterproof castings shall be Heenech R-1916-F1 and stamped SANITARY SEWER.
- The minimum slope for sewer acceptance by the Clay Township Regional Waste District are:

Size of Pipe	Minimum Constructed Slope
8-inch	0.40%
10-inch	0.28%
12-inch	0.22%
15-inch	0.15%

- The Contractor shall provide measurements of the slope of the sewer for each manhole section as construction progresses. Such measurements shall be certified by a Registered Land Surveyor or Engineer and be available on-site for observation by the District's Inspector. No more than three manhole sections can be constructed in advance of such measurements.
- In the event the Contractor does not meet the minimum slopes, the sewer section and any other affected sewer sections shall be reconstructed to meet such minimum slopes.
- Laterals are to be traced with a minimum size of 14 gauge wire from the eye to the terminus. The contractor for the building or home will extend the wire from this terminus to the building clearest adjacent to the building.

CITY OF CARMEL UTILITY PIPE INSTALLATION

All work shall be in the best practices of the water utility industry and the American Water Works Association, and in accordance with all applicable Federal, State, and local codes and regulations.

Furthermore:

- Any damage done to the City of Carmel Utility's system by the Contractor/Developer of his affiliates shall immediately be repaired, to the satisfaction and direction of the City of Carmel Utility by the Contractor/Developer at his own expense.
- Should the Contractor/Developer propose to depart from the specifications contained herein, he shall submit samples and/or specifications of such alternatives to the City of Carmel Utility before proceeding.
- No work shall be performed under conditions which in the opinion of the City of Carmel Utilities would adversely affect the quality of the finished job.
- The Contractor/Developer shall conduct his work so as not to interfere with the present operation of the existing City of Carmel Utility's water/sanitary sewer system. If any work interference is encountered between the City of Carmel Utility and the Contractor/Developer, the City of Carmel Utility will receive priority in scheduling.

CITY OF CARMEL WATER UTILITY Developer Installed Water Mains

- The Contractor shall call City of Carmel Utility for an on-site pre-construction meeting before work begins. Contractor must have approved plans on-site and all materials to be used must be approved by a City of Carmel Utility inspector.

- Contractor will allow inspection by City of Carmel Utility inspectors during the construction of the water main extension and will honor the City of Carmel Utility's request for field changes in main extensions related to location, workmanship and materials as they relate to City of Carmel Utility standards and specifications.

- The Contractor will have water main extensions pressure tested per City of Carmel Utility specifications and witnessed by City of Carmel Utility's inspector.

- The Contractor will conduct the disinfection of water main extension, with direct supervision by a City of Carmel Utility Operator.

- Only after the water main extension passes the City of Carmel Utility's laboratory testing, and two (2) sets of AS-BUILT plans have been turned in to the City of Carmel Utility, will the water be turned on by the City of Carmel Utility.

CITY OF CARMEL UTILITY STANDARDS NOTES:

- Absolutely no Kennedy Fire Hydrants or Valves are allowed.
- Only Tyler Valve Boxes are allowed.
- Ductile Iron Pipe in lengths of 20 feet is the only length allowed.

BENCHMARK INFORMATION

LEE 4 RESET

The station is located about 2.65 miles NE of Eagle Village; about 1500 feet south of the intersection of West 146th Street, along Shelbourne Road; set in the top of a concrete post, surrounded by an approximate 2 foot square concrete slab, about flush with the ground. A Department of Natural Resources brown control station tablet, stamped "LEE 4 Reset", ELEVATION - 910.90 feet (NGVD 1929)

OPERATING AUTHORITIES:

CITY OF CARMEL
ONE CIVIC SQUARE
CARMEL, IN 46032
PLANNING DIRECTOR: MATT GRIFFIN
317-571-2417
DEPT. OF ENGINEERING: GARY DUNCAN
317-571-2441
BUILDING COMMISSIONER: JIM BLANCHARD
317-571-2444

CITY OF CARMEL FIRE DEPARTMENT
TWO CIVIC SQUARE
CARMEL, INDIANA 46032
GARY HOYT
317-571-2600

CLAY TOWNSHIP REGIONAL WASTE DISTRICT
10701 NORTH COLLEGE AVENUE, SUITE 100
INDIANAPOLIS, IN 46280-1098
DREW WILLIAMS
317-844-9200

HAMILTON COUNTY HEALTH DEPARTMENT
HAMILTON COUNTY JUDICIAL CENTER, SUITE 30
NOBLESVILLE, INDIANA 46060-2229
JASON LEMASTER
317-776-8500

CARMEL CITY UTILITIES
760 3RD AVENUE S.W.
CARMEL, INDIANA 46032
JOHN DUFFY
317-571-2443

HAMILTON COUNTY SURVEYOR'S OFFICE
ONE HAMILTON SQUARE, SUITE 1800
HAMILTON COUNTY JUDICIAL CENTER, SUITE 1800
NOBLESVILLE, INDIANA 46060-2229
GREG HOYES
317-776-8495

CINERGY/PSI
1441 SOUTH GUILFORD
CARMEL, INDIANA 46032
RON BOOHER
317-581-3041

VECTREN ENERGY
P.O. BOX 1700
NOBLESVILLE, INDIANA 46061-1700
CHUCK SHUPPERD
317-776-5535

SBC
5858 NORTH COLLEGE AVENUE
INDIANAPOLIS, INDIANA 46220
317-265-2127

RECORD DRAWING
SANITARY SEWER AS-BUILTS
SANITARY SEWER STRUCTURES ONLY
10/10/06

RECORD DRAWING
STORM SEWER AS-BUILTS
STORM SEWER STRUCTURES ONLY
10/10/06

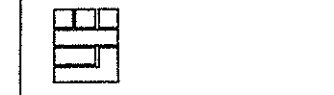
RECORD DRAWING
WATER AS-BUILTS
WATER STRUCTURES ONLY
10/10/06

ALLAN H. WEIHE, REG. P.E. - INDIANA #8827

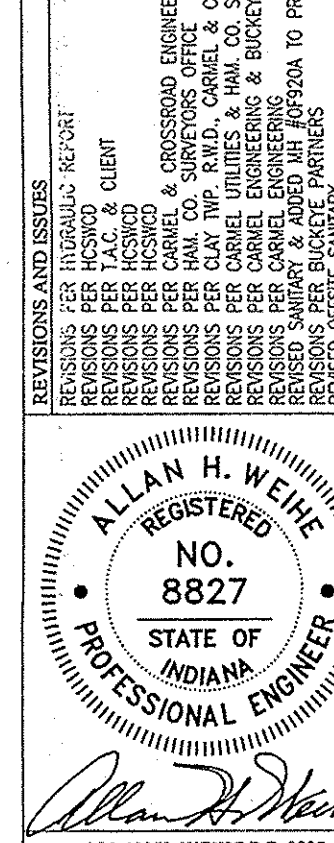
ALLAN H. WEIHE, REG. P.E. - INDIANA #8827

ALLAN H. WEIHE, REG. P.E. - INDIANA #8827

WEIHE ENGINEERS INC.
3178466611
FAX 3178430546
INDIANAPOLIS, INDIANA 46208
WWW.WEHE.NET
TOLL FREE 800.452.6408



PROJECT NO.	DATE	BY	DATE	BY
W04-0826	7/29/05	AW	7/29/05	AW
	8/22/05	AW	8/22/05	AW
	9/02/05	AW	9/02/05	AW
	9/13/05	AW	9/13/05	AW
	9/16/05	AW	9/16/05	AW
	10/06/05	AW	10/06/05	AW
	10/11/05	AW	10/11/05	AW
	10/31/05	AW	10/31/05	AW
	11/07/05	AW	11/07/05	AW
	11/28/05	AW	11/28/05	AW
	12/16/05	AW	12/16/05	AW
	12/29/05	AW	12/29/05	AW
	1/17/06	AW	1/17/06	AW
	2/28/06	AW	2/28/06	AW
	3/28/06	AW	3/28/06	AW
	4/25/06	AW	4/25/06	AW



ALLAN H. WEIHE, P.E. #8827

OVERBROOK FARMS SECTION 1
WTFOT, L.L.C.
TITLE SHEET
PROJECT NO. W04-0826

SHEET NO. 1



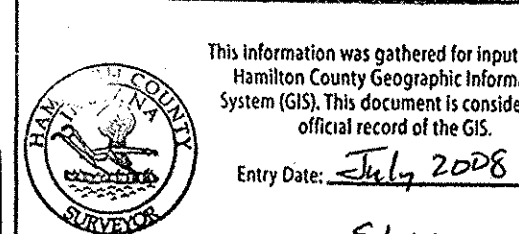
PLANS PREPARED FOR

WTFOT, L.L.C.
1018 HENLEY CIRCLE
CARMEL, INDIANA 46032
TELEPHONE: 317-846-3656
CONTACT PERSON: RALPH AKARD

DESIGN SPEED: 25 MPH

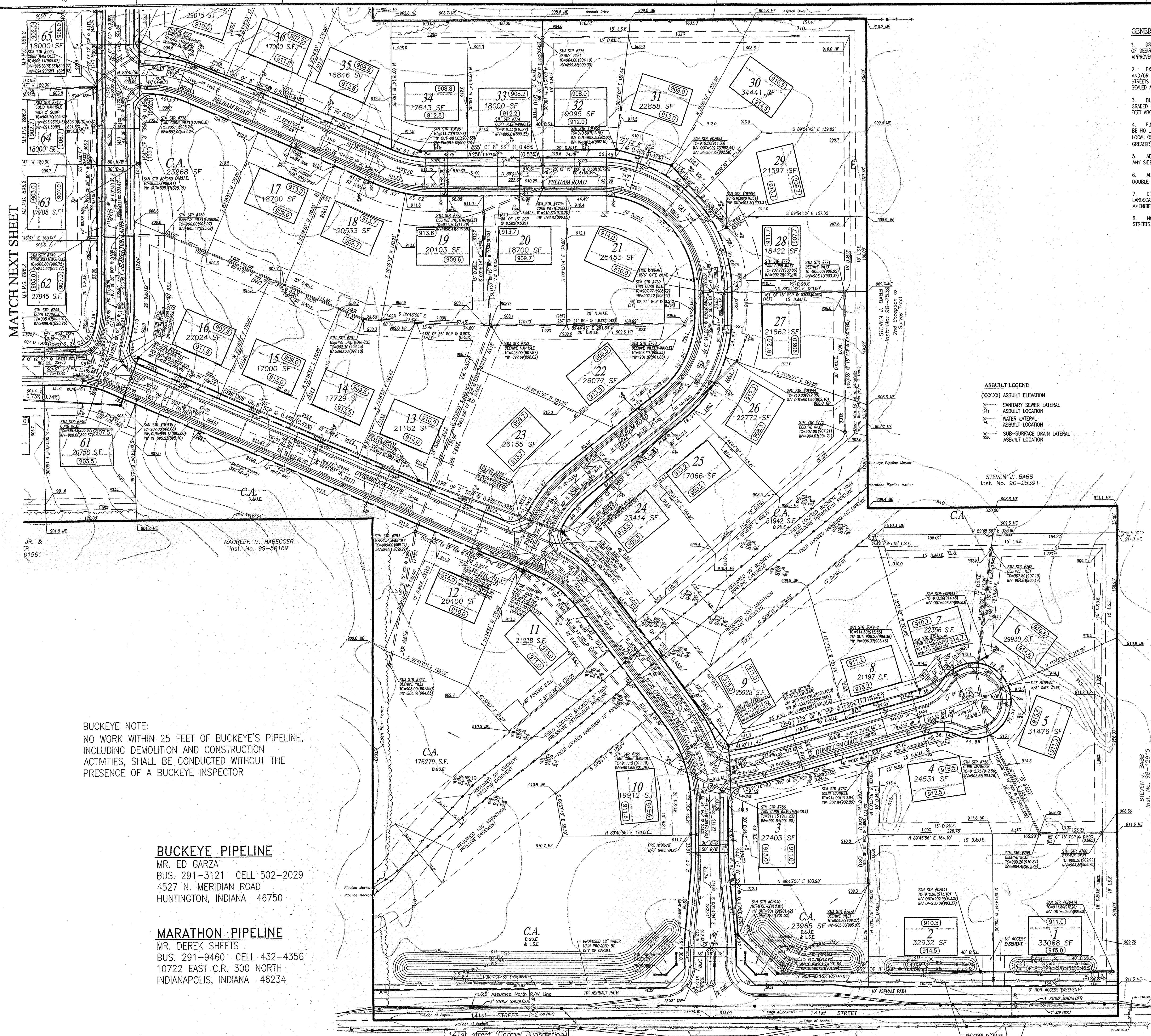
CURRENT ZONING: S-1/RESIDENCE ESTATE

*SUBMITTAL UNDER OPEN SPACE STANDARDS CARMEL/CLAY SUBDIVISION CONTROL ORDINANCE.



Entered By: SLM MOLEY MOLEY SAYS
"BIG SAFELY"
"IT'S THE LAW"

CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544
CALL TOLL FREE
PER INDIANA STATE LAW IS 8-1-26.
IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.



MATCH NEXT SHEET

GENERAL NOTES:

- DRAINAGE EASEMENTS TO BE CLEARED WITH EXCEPTION OF DESIRED TREES WITHIN EASEMENT WITH FLAGGING NOTATION APPROVED BY HAMILTON COUNTY SURVEYORS' OFFICE.
- EXISTING PRIVATE TILE CROSSING TRACT TO BE CRUSHED AND/OR EXCAVATED WHEN EXPOSED DURING CONSTRUCTION OF STREETS OR PADS. UNDISTURBED TILE TO BE PLUGGED & SEALED AT EXPOSED ENDS.
- BUILDING PADS MARKED WITH AN ASTERISK (*) WILL BE GRADED ON AN INDIVIDUAL BASIS & WILL BE A MINIMUM OF 2 FEET ABOVE THE 100 YR. FLOOD ELEV.
- FINISHED FLOOR ELEVATIONS OF ALL STRUCTURES SHALL BE NO LESS THAN 2 FEET ABOVE ANY ADJACENT 100 YEAR LOCAL OR REGIONAL FLOOD ELEVATION (WHICH EVER IS GREATER).
- ADA RAMPS ARE REQUIRED AT ALL LOCATIONS WHERE ANY SIDEWALK INTERSECTS ANY STREET.
- ALL SUBSURFACE URANS TO BE CONSTRUCTED WITH DOUBLE-WALL, SMOOTH BORE PERFORATED (HDFE) PIPE.
- DECORATIVE SIGNS, SPRINKLER SYSTEMS, TREES, LANDSCAPING MOUNDS, FENCES, LIGHT POLES OR OTHER SUCH AMENITIES ARE NOT PERMITTED IN THE RIGHT OF WAY.
- NO WATER MAIN VALVES ARE TO BE PLACED UNDER THE STREETS.

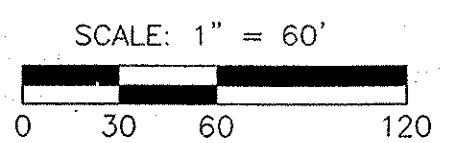
LEGEND

- RIGHT-OF-WAY LINE
- STORM SEWER LINE
- SANITARY SEWER LINE
- SANITARY SEWER MANHOLE
- FLOW DIRECTION
- EXIST. CONDUIT
- STORM BEHIVE INLET
- STORM INLET
- TOP OF CASTING
- INVERT
- REINFORCED CONCRETE PIPE
- POLYETHYLENE GLASS REINFORCED SANITARY SEWER PIPE
- MANHOLE
- STRUCTURE
- DRAINAGE AND UTILITY EASEMENT
- REGULATED DRAIN EASEMENT
- BUILDING SETBACK LINE
- VARIABLE WIDTH
- PROPOSED
- WATER EXISTING
- TYP.
- SUBSURFACE DRAIN AND SUMP LINE
- WATER LINE
- CONCRETE END SECTION
- FLOOD ROUTE
- PROPOSED GRADE
- PROP. STORM STRUCTURE NO.
- PROP. SANITARY STRUCTURE NO.
- EXIST. TREE/LE
- PROPOSED FIRE HYDRANT
- PROPOSED WATER LINE VALVE
- PROPOSED PAD GRADE
- MINIMUM FLOOD PROTECTION GRADE OF PADS. MINIMUM GRADE FOR ANY STRUCTURE OPENING (DOOR, WINDOW WELL, OUTSIDE EASEMENT STAIR ACCESS, ETC.)

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

Entry Date: July 2008

Entered By: SLM



ASBUILT LEGEND

(XXXX) ASBUILT ELEVATION

— SANITARY SEWER LATERAL ASBUILT LOCATION

— WATER LATERAL ASBUILT LOCATION

— SUB-SURFACE DRAIN LATERAL ASBUILT LOCATION

STEVEN J. BAIBB
Inst. No. 90-25391

MARATHON ASHLAND PIPE LINE, LLC GENERAL GUIDELINES

- The Crossing Party shall:
- not attempt to probe for, or engage in any activities which might damage the pipeline;
 - contact MAPL for removing a pipeline if Crossing Party believes existing markers to be inadequate for any reason, including disturbance during construction;
 - not burn trash, brush or other items or substances within 50 feet of any pipeline;
 - not construct any obstruction above or below ground (including, but not limited to buildings, engineering structures, pavement, fences, refuse, pools and waste disposal systems) within 50 feet of any pipeline;
 - not operate heavy equipment over any pipeline;
 - not blast within 1,320 feet of any pipeline;
 - cross as near perpendicular as possible to any pipeline;
 - ensure all excavation work complies with OSHA's excavation standards outlined in 29 CFR 1926 and correct any noncompliant excavation site before any MAPL representative or contractor enters the site to perform work;
 - perform no power digging within 50 feet of the side of the pipe unless an MAPL representative is present;
 - perform no power digging within 18 inches (or two feet in Indiana) of the outer edge of pipe. This "Tolerance Zone" extends on all sides of the pipe. Within this zone use only hand excavation, or cutting and vacuum excavation;
 - not cross the Pipeline System by auto tunneling, boring or directional drilling methods until approved and documented by MAPL, and an MAPL representative must be present as the operation is taking place;
 - not relevel or build retaining walls, or drive piling, or create an Engineering Works that develops or controls overburden loads that impact the pipeline system without MAPL Engineering approval;
 - not chisel, plow or rip the soil until inspected by an MAPL representative. Rip only when the exact position of the pipe is known and not within three feet of the outer edge of any pipeline;
 - backfill and compact the satisfaction and in the presence of an MAPL representative:
 - at least six inches of fine, loose earth or sand with no sharp gravel, rock, hard clods, vegetation or other debris shall be placed on all sides of any pipeline and remaining backfill shall be placed so as to disturb this padding material or injure the pipe;
 - compact backfill directly over any pipe by hand until 18 inches of cover is achieved;
 - compact disturbed ground to the same degree of compaction of surrounding areas; and
 - restore the site to its original condition except for items which are part of the approved change.

IN CASE OF A PIPELINE EMERGENCY CALL MARATHON ASHLAND PIPE LINE LLC @ 1-800-537-6644

RECORD DRAWING

WATER AS-BUILTS
WATER STRUCTURES ONLY
10/10/06

ALLAN H. WEIHE, REG. P.E. - INDIANA #8827

RECORD DRAWING

STORM SEWER AS-BUILTS
STORM SEWER STRUCTURES ONLY
10/10/06

ALLAN H. WEIHE, REG. P.E. - INDIANA #8827

RECORD DRAWING

SANITARY SEWER AS-BUILTS
SANITARY SEWER STRUCTURES ONLY
10/10/06 ~ REV. 12/15/06

ALLAN H. WEIHE, REG. P.E. - INDIANA #8827

BUCKEYE NOTE:
NO WORK WITHIN 25 FEET OF BUCKEYE'S PIPELINE, INCLUDING DEMOLITION AND CONSTRUCTION ACTIVITIES, SHALL BE CONDUCTED WITHOUT THE PRESENCE OF A BUCKEYE INSPECTOR

BUCKEYE PIPELINE
MR. ED GARZA
BUS. 291-3121 CELL 502-2029
4527 N. MERIDIAN ROAD
HUNTINGTON, INDIANA 46750

MARATHON PIPELINE
MR. DEREK SHEETS
BUS. 291-9460 CELL 432-4356
10722 EAST C.R. 300 NORTH
INDIANAPOLIS, INDIANA 46234

WEIHE ENGINEERS INC.
3178466611
FAX 3178430546
TOLL FREE 800.452.6408
10505 NORTH COLLEGE AVENUE
INDIANAPOLIS, INDIANA 46280
WWW.WEIHENET

ALLAN H. WEIHE, P.E., P.L.S. - PRESIDENT
LAND SURVEYORS LANDSCAPE ARCHITECTS
CIVIL ENGINEERS

PROJECT NO.:	W04-0826
DATE:	7/29/08
BY:	SLM
DESIGNED BY:	SLM
DRAWN BY:	TJS/DLH
CHECKED BY:	DLH
DATE:	7/29/08

REASONS FOR IRREVOCABLE REPORT:
REASONS FOR IRREVOCABLE REPORT:
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REASONS FOR IRREVOCABLE REPORT:

ALLAN H. WEIHE
REGISTERED
NO. 8827
STATE OF INDIANA
PROFESSIONAL ENGINEER

OVERBROOK FARMS SECTION 1

WTFOT, L.L.C.

DEVELOPMENT PLAN

PREPARED FOR: WOLEY SAWS "DIG SAFELY" "IT'S THE LAW"

CALL TOLL FREE 1-800-382-5544

NEVER INDUCE STATE LAW TO S-1-26

TESTING THE LAW TO EXCAVATE

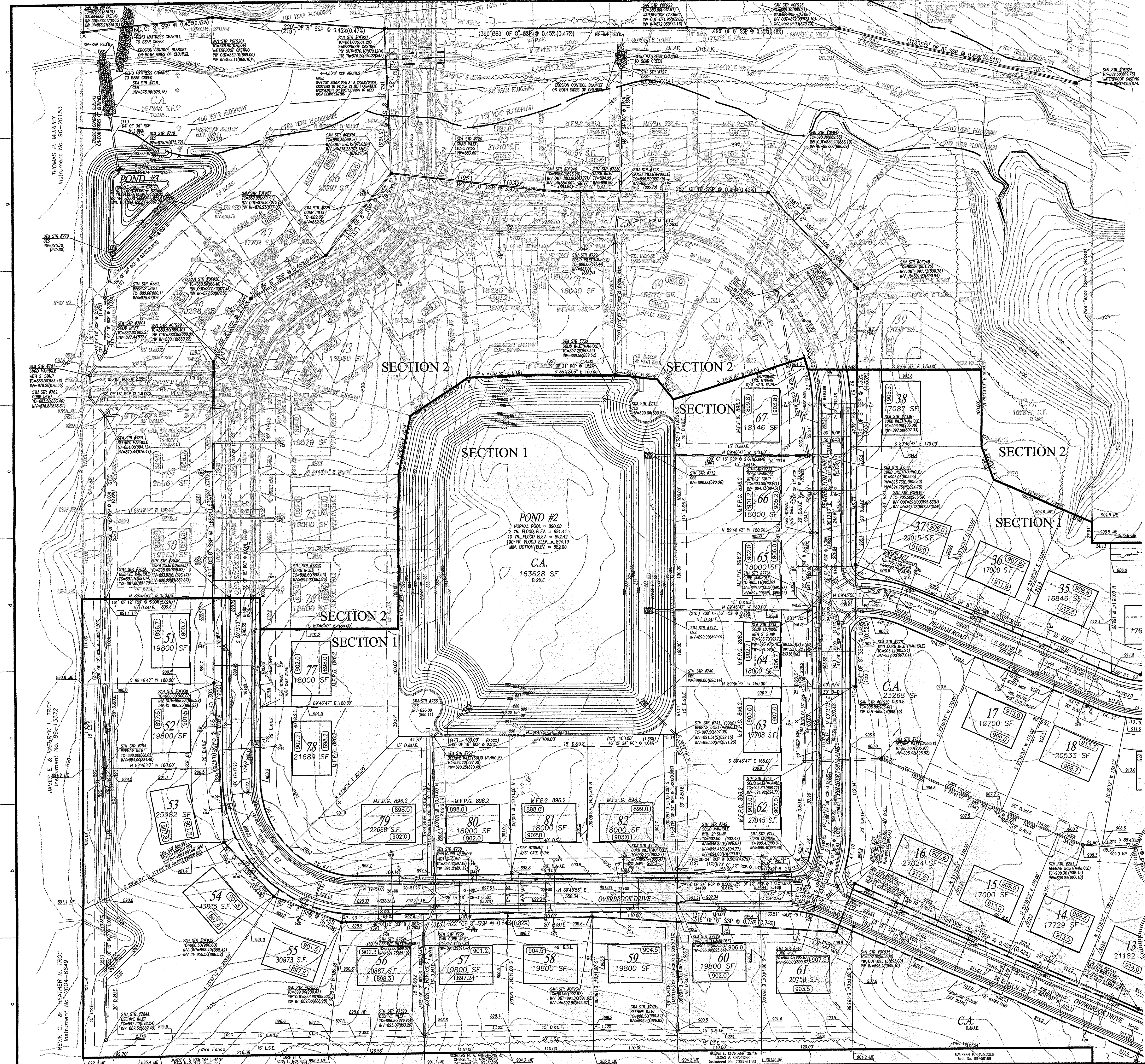
STATUTE SECTION TWO (2) WORKING

SHOULD BE COMMENCING WORK.

SHEET NO. **3**

PROJECT NO. W04-0826

DATE: 10/10/06 10:00 AM
DRAWN BY: TJS/DLH
CHECKED BY: DLH
DATE: 10/10/06 10:00 AM

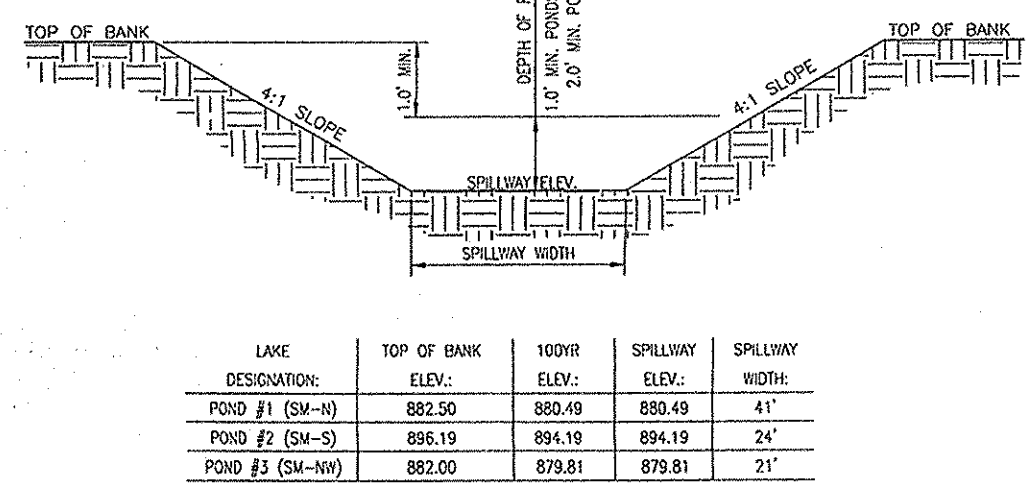


GENERAL NOTES:

1. DRAINAGE EASEMENTS TO BE CLEARED WITH EXCEPTION OF DESIRED TREES WITHIN EASEMENT WITH FLAGGING NOTATION APPROVED BY HAMILTON COUNTY SURVEYORS' OFFICE.
2. EXISTING PRIVATE TILE CROSSING TRACT TO BE CRUSHED AND/OR EXCAVATED WHEN EXPOSED DURING CONSTRUCTION OF STREETS OR PADS. UNDISTURBED TILE TO BE PLUGGED & SEALED AT EXPOSED ENDS.
3. BUILDING PADS MARKED WITH AN ASTERISK (*) WILL BE GRADED ON AN INDIVIDUAL BASIS & WILL BE A MINIMUM OF 2 FEET ABOVE THE 100 YR. FLOOD ELEV.
4. FINISHED FLOOR ELEVATIONS OF ALL STRUCTURES SHALL BE NO LESS THAN 2 FEET ABOVE ANY ADJACENT 100 YEAR LOCAL OR REGIONAL FLOOD ELEVATION (WHICH EVER IS GREATER).
5. ADA RAMP ARE REQUIRED AT ALL LOCATIONS WHERE ANY SIDEWALK INTERSECTS ANY STREET.
6. ALL SUBSURFACE DRAINS TO BE CONSTRUCTED WITH DOUBLE-WALL, SMOOTH BORE PERFORATED (HDP) PIPE.
7. DECORATIVE SIGNS, SPRINKLER SYSTEMS, TREES, LANDSCAPING MOUNDS, FENCES, LIGHT POLES OR OTHER SUCH AMENITIES ARE NOT PERMITTED IN THE RIGHT OF WAY.
8. NO WATER MAIN VALVES ARE TO BE PLACED UNDER THE STREETS.

LEGEND

- RIGHT-OF-WAY LINE
- STORM SEWER LINE
- SANITARY SEWER LINE
- SANITARY SEWER MANHOLE
- FLOW DIRECTION
- EXIST. CONTOURS
- STORM BEEhive INLET
- STORM INLET
- TOP OF CASTING
- INVERT
- T.C. INV.
- R.C.P.
- P.V.C.
- POLYPROPYLENE SANITARY SEWER PIPE
- MANHOLE
- STRUCTURE
- DRAINAGE AND UTILITY EASEMENT
- R.D.E.
- REGULATED DRAIN EASEMENT
- B.S.L.
- BUILDING SETBACK LINE
- V.I.B.
- VISIBLE WIDTH
- PROPOSED
- MATCH EXISTING
- TYP.
- SUBSURFACE DRAIN AND SUMP LINE
- WATER LINE
- CONCRETE END SECTION
- FLOOD ROUTE
- PROPOSED GRADE
- PROP. STORM STRUCTURE NO.
- PROP. SANITARY STRUCTURE NO.
- EXIST. TREE LINE
- PROPOSED FIRE HYDRANT
- PROPOSED WATER LINE VALVE
- PROPOSED PAD GRADE
- MINIMUM FLOOD PROTECTION GRADE OF PADS, MINIMUM GRADE FOR ANY STRUCTURE OPENING (DOOR, WINDOW WELL, OUTSIDE BASEMENT STAIR ACCESS, ETC.)

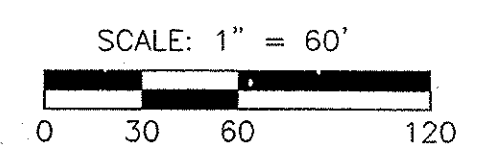


EMERGENCY SPILLWAY TYPICAL SECTION (NO SCALE)

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

Entry Date: July 2008

Entered By: SLN



RECORD DRAWING
WATER AS-BUILTS
WATER STRUCTURES ONLY
10/10/06

Allan H. Weihe
ALLAN H. WEIHE, REG. P.E. - INDIANA #8827

RECORD DRAWING
STORM SEWER AS-BUILTS
STORM SEWER STRUCTURES ONLY
10/10/06

Allan H. Weihe
ALLAN H. WEIHE, REG. P.E. - INDIANA #8827

RECORD DRAWING
SANITARY SEWER AS-BUILTS
SANITARY SEWER STRUCTURES ONLY
10/10/06

Allan H. Weihe
ALLAN H. WEIHE, REG. P.E. - INDIANA #8827

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

CALL TOLL FREE PER INDIANA STATE LAW IC 8-1-26 IF IT IS AGAINST THE LAW TO EXCAVATE WITHOUT HOPING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

WEIHE ENGINEERS INC.
31784.6611
FAX 31784.0546
TOLL FREE 800.452.6408

10505 NORTH COLLEGE AVENUE
INDIANAPOLIS, INDIANA 46280
WWW.WEIHENET

ALLAN H. WEIHE, P.E., I.S. - PRESIDENT
LAND SURVEYORS LANDSCAPE ARCHITECTS
CIVIL ENGINEERS

PROJECT NO.: W04-0826
DATE: 7/29/08
BY: [Signature]
CHECKED BY: [Signature]
DATE: 10/10/06

REVISIONS AND ISSUES:

NO.	DATE	DESCRIPTION
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APPROVED FOR: [Signature]
ALLAN H. WEIHE, P.E. #8827

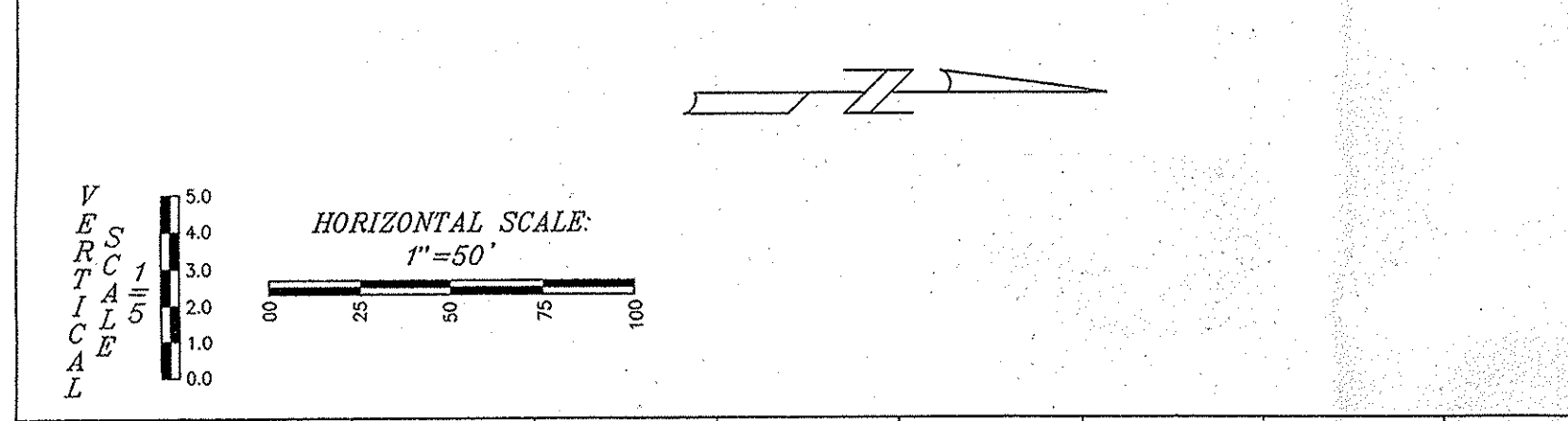
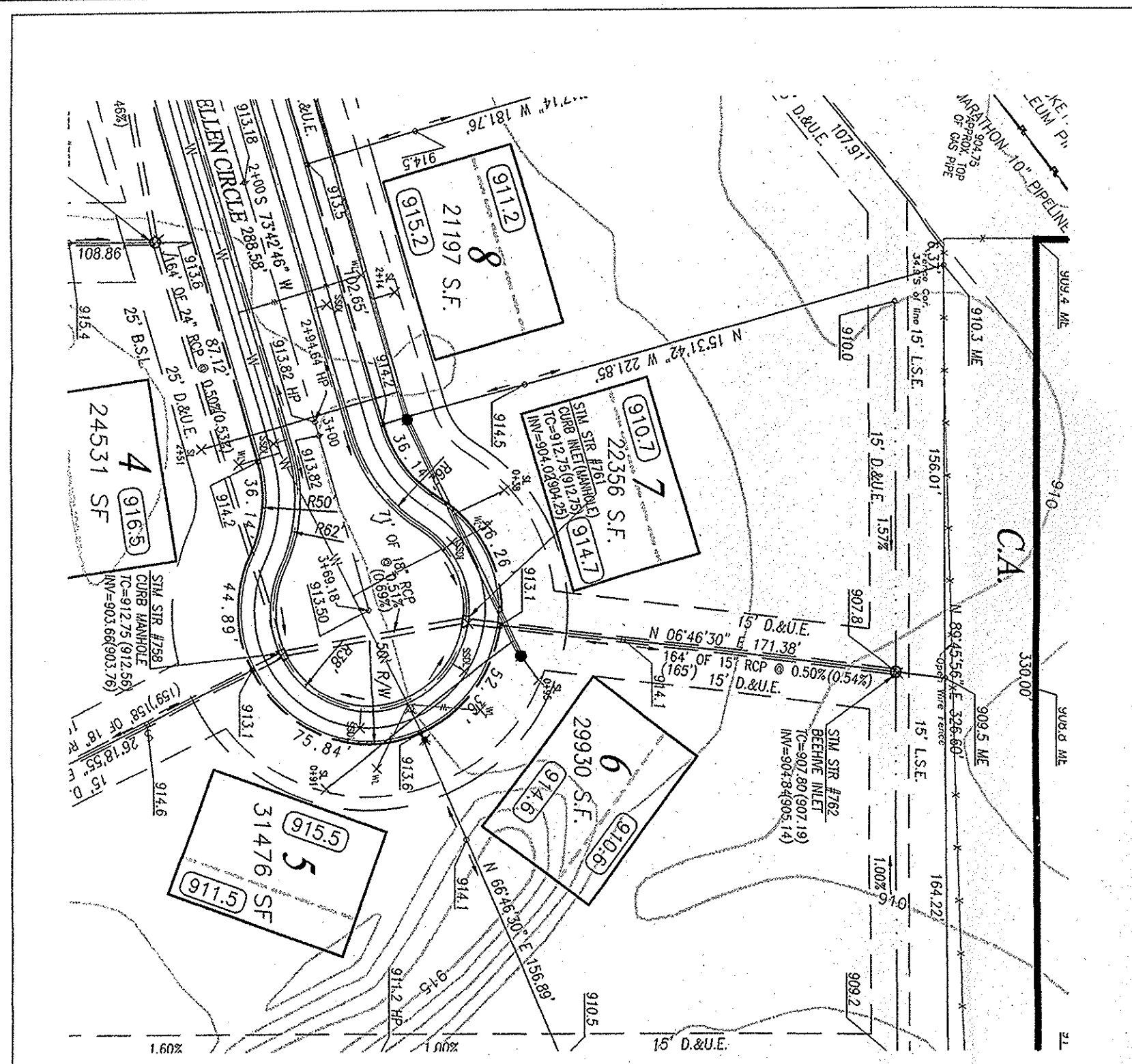
OVERBROOK FARMS SECTION 1
DEVELOPMENT PLAN

WTFOT, L.L.C.

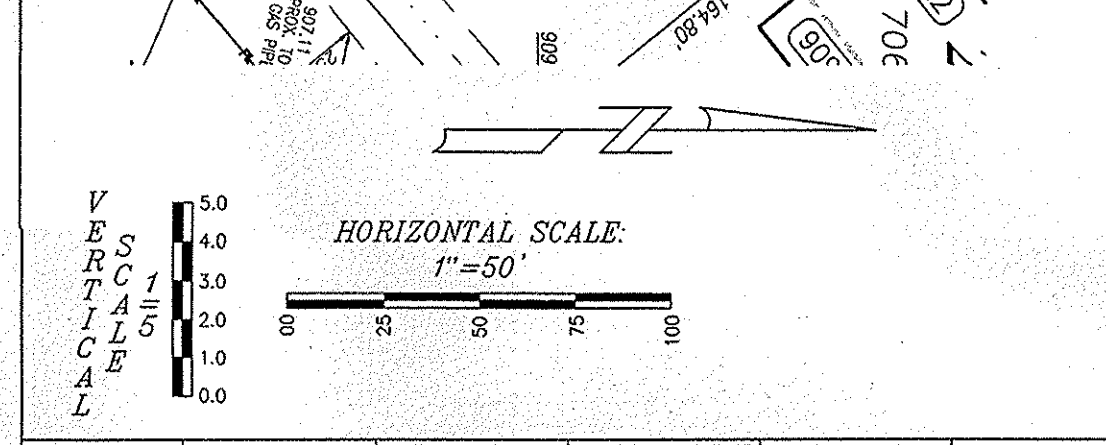
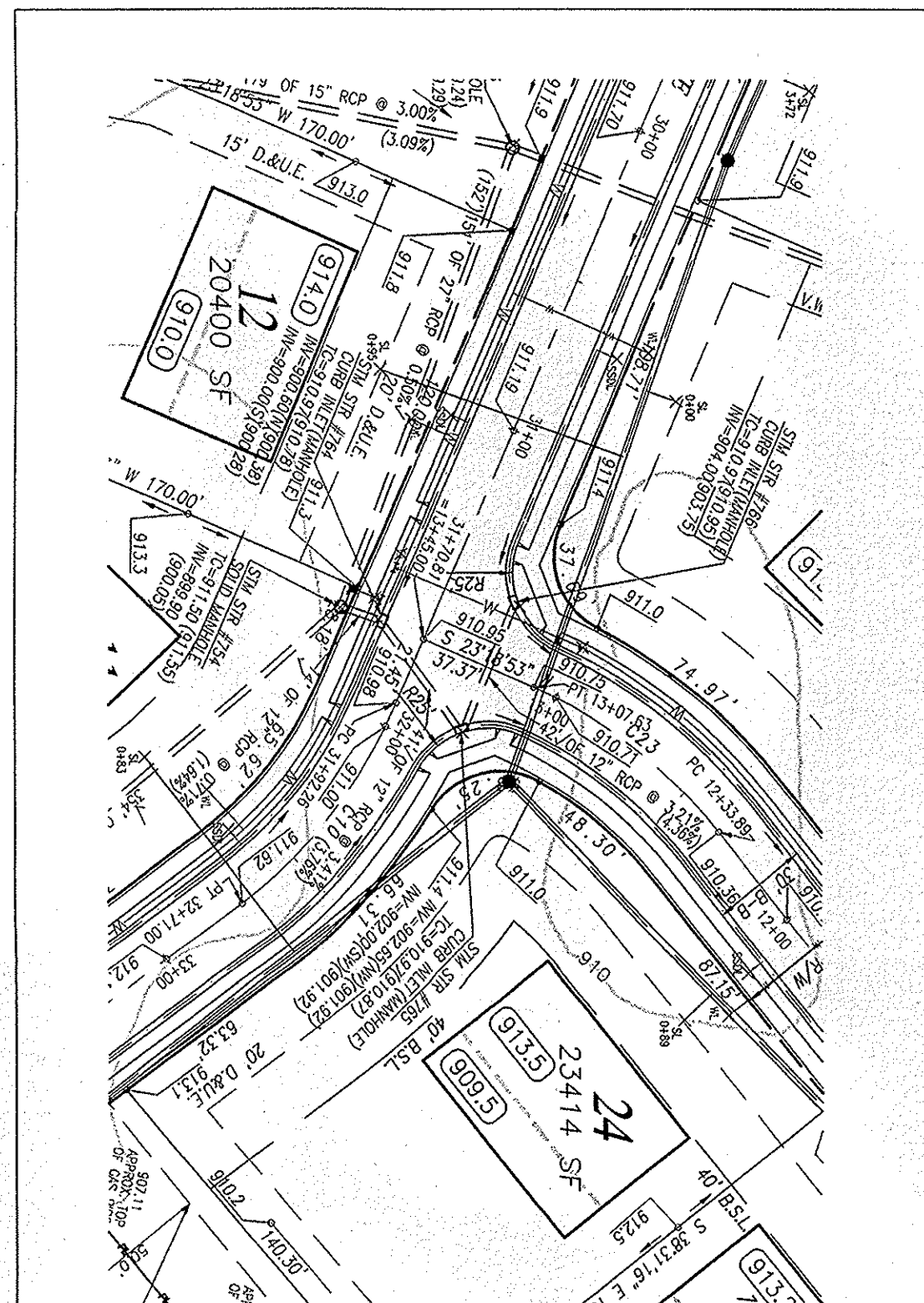
PROJECT NO. W04-0826

SHEET NO. **4**

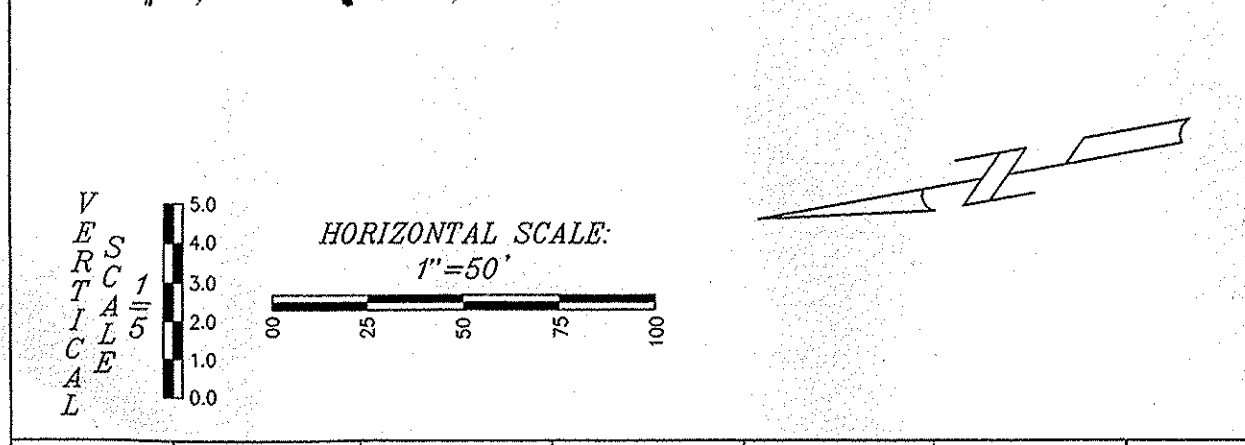
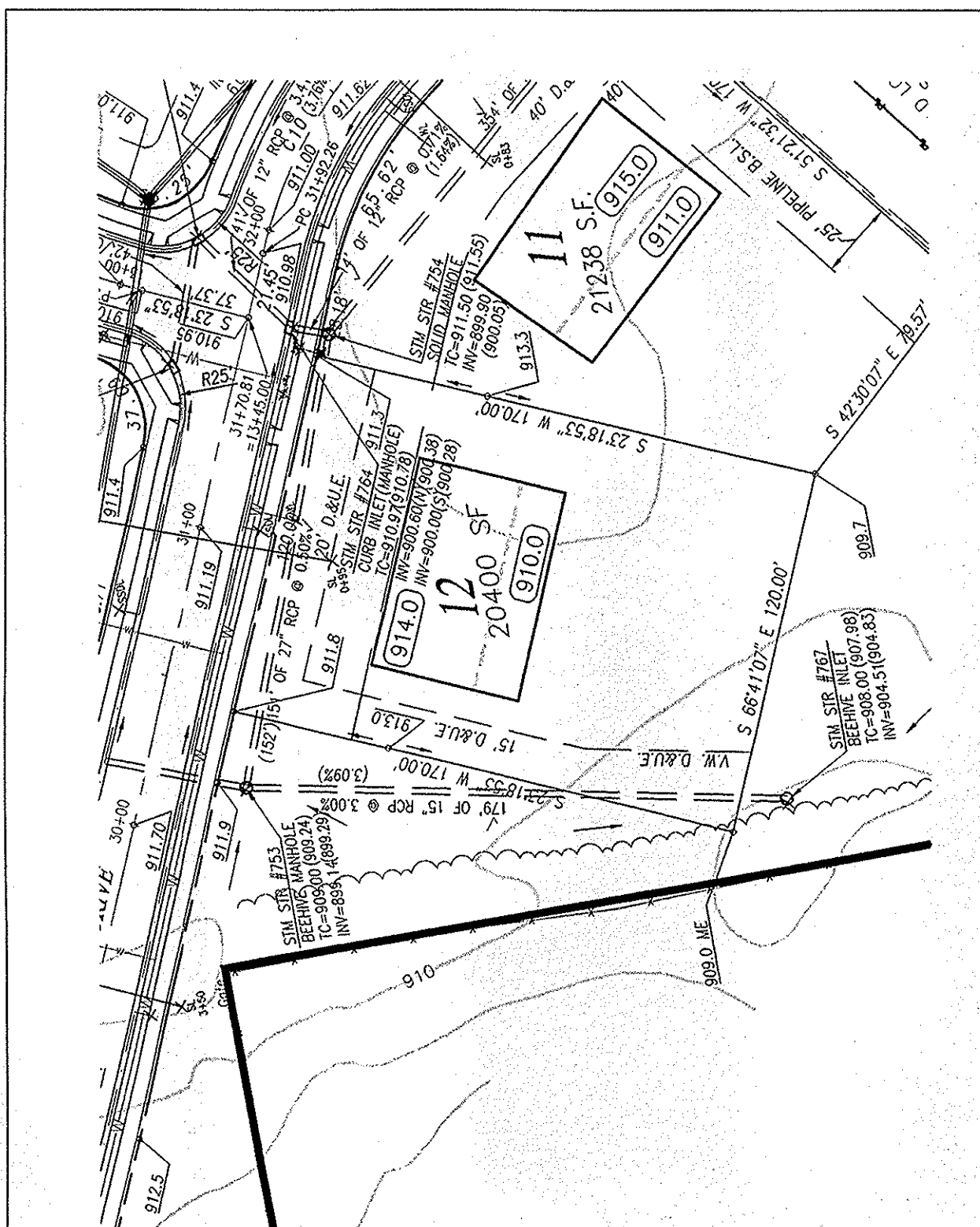
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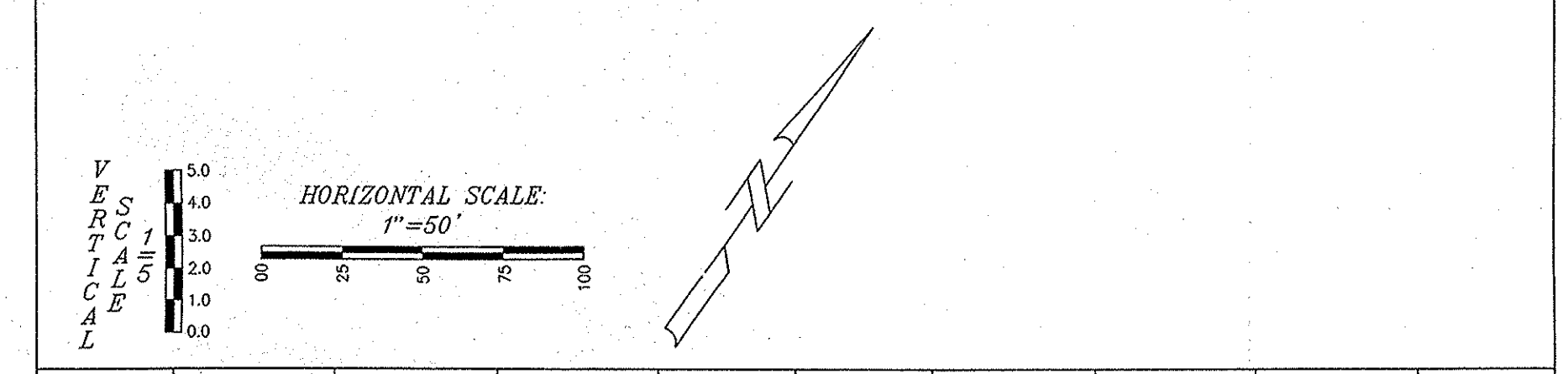
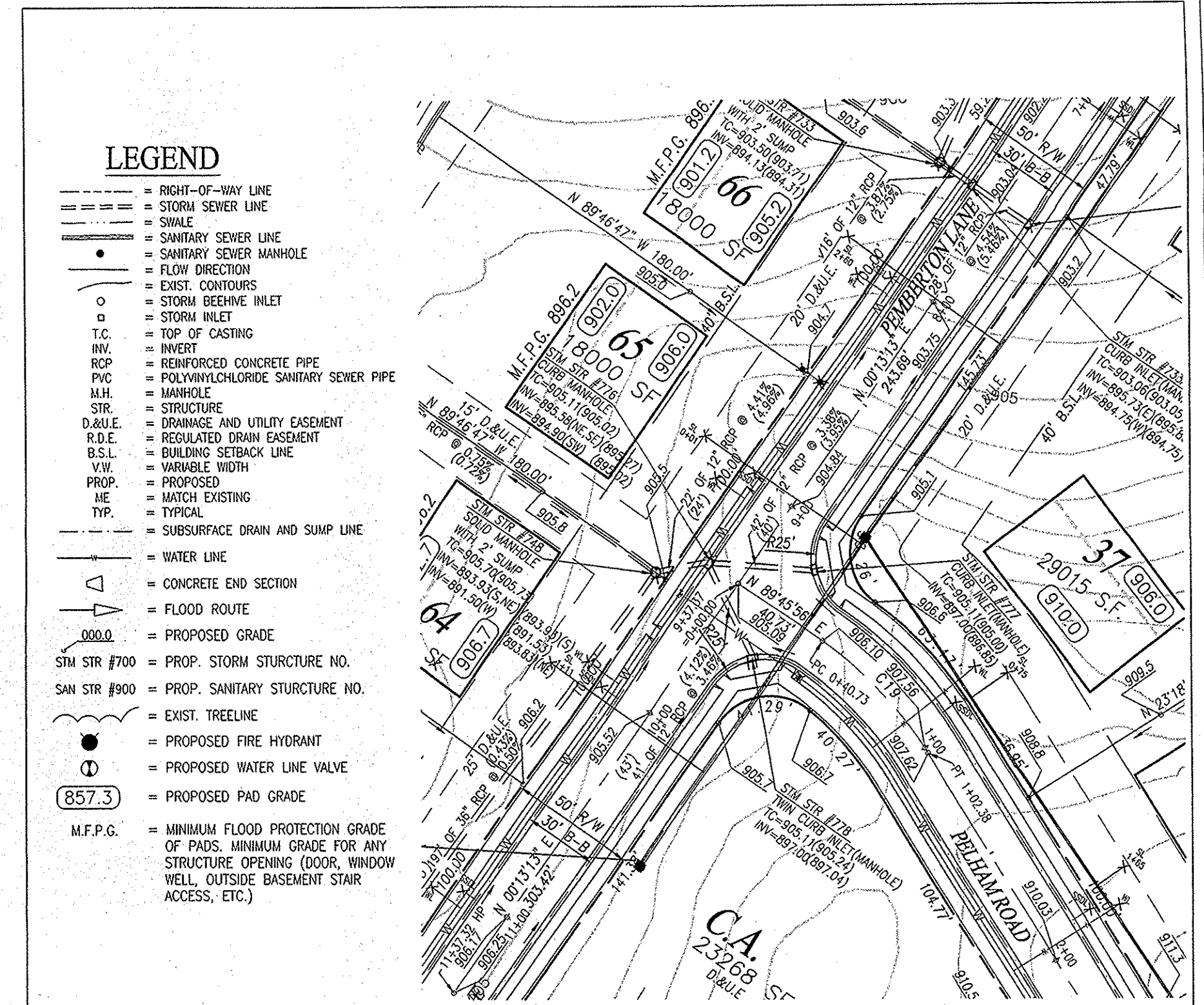
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- LEGEND**
- RIGHT-OF-WAY LINE
 - STORM SEWER LINE
 - SANITARY SEWER LINE
 - EXIST. CONTOURS
 - FLOW DIRECTION
 - STORM SEWER MANHOLE
 - STORM RILET
 - TOP OF CASTING
 - INVERT
 - REINFORCED CONCRETE PIPE
 - POLYVINYLCHLORIDE SANITARY SEWER PIPE
 - MANHOLE
 - STRUCTURE
 - DRAINAGE AND UTILITY CASHEMENT
 - REGULATED BRUSH CASHEMENT
 - BUILDING SETBACK LINE
 - VARIABLE WIDTH
 - PROP. STORM STRUCTURE NO.
 - SAN STR #900
 - EXIST. TREETLINE
 - PROPOSED FIRE HYDRANT
 - PROPOSED WATER LINE VALVE
 - PROPOSED PAD GRADE
 - M.F.P.G.

CITY OF CARMEL STANDARD BACKFILL NOTES:

STORM SEWERS

Bedding, Haunching, Initial Backfill
Bedding, haunching and initial backfill for all RCP installations shall be B-Borrow for Structure Backfill meeting the material requirements of the INDOT. Bedding shall be placed in the trench bottom such that after the pipe is installed to grade and line, there remains a 4-inch minimum depth of material below the pipe barrel and a minimum of 3-inches below the bell. For pipe sizes 66-inches and larger, the minimum depth of material below the pipe barrel shall be 6-inches. Bedding, haunching and initial backfill shall be compacted in 6-inch maximum lifts to not less than 95% Standard Proctor Density for the entire depth of the material placed. The backfill shall be brought up evenly on both sides of the pipe for the full length of the pipe. Haunching shall extend to the springline of the pipe. The limit of initial backfill shall be 6-inches above the springline. Minimum trench width shall be the outside diameter of the pipe plus 18-inches.

Final Backfill
Final backfill for all RCP installations under and within 5-feet of pavement shall be B-Borrow for Structure Backfill meeting the material requirements of the INDOT and shall be compacted in 6-inch maximum lifts to not less than 95% Standard Proctor Density for the entire depth of the material placed. The backfill for the top 6-inches of the excavation below the start of the aggregate subbase of the pavement shall be No. 53 Stone meeting the material requirements of the INDOT and shall be compacted to not less than 95% Standard Proctor Density.

Final Backfill for all RCP installations greater than 5-feet of pavement shall be clean fill material free of rocks larger than 6-inches in diameter, frozen lumps of soil, wood or other extraneous material, compacted in 12-inch maximum lifts to not less than 80% Standard Proctor Density for the entire depth of the excavation.

CITY OF CARMEL STANDARD BACKFILL NOTES:

WATER AND SEWER UNDER CITY STREETS

Bedding, Haunching, Initial Backfill
Bedding, haunching, initial backfill materials, placement and compaction for water mains, water service laterals, sanitary mains and sanitary service laterals shall be in accordance with the standard practice of the utility that has jurisdiction over the installation.

Final Backfill
Final backfill for water mains, water service laterals, sanitary mains and sanitary service laterals under and within 5-feet of pavement shall be B-Borrow for Structure Backfill meeting the material requirements of the INDOT and shall be compacted in 6-inch maximum lifts to not less than 95% Standard Proctor Density for the entire depth of the material placed. The backfill for the top 6-inches of the excavation below the start of the aggregate subbase of the pavement shall be No. 53 Stone meeting the material requirements of the INDOT and shall be compacted to not less than 95% Standard Proctor Density. If the standard practice of the utility that has jurisdiction over the installation has a more stringent final backfill requirement, the more stringent requirement shall govern.

MINIMUM COVER FOR PIPE CROSSINGS OF CITY STREETS

For installation of Storm Mains, Water Mains, Sanitary Mains, Water Service Laterals, Sanitary Sewer Laterals under City streets, regardless of the jurisdiction of the utility, the minimum cover from the top of the installed pavement to the top of the installed pipe shall be the pavement section practice of the utility that has jurisdiction over the installation has a more stringent cover requirement, the more stringent requirement shall govern.

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Entry Date: July 2008

Entered By: SLM

ASBUILT LEGEND

(XXX.X) ASBUILT ELEVATION
--- SANITARY SEWER LATERAL ASBUILT LOCATION
--- WATER LATERAL ASBUILT LOCATION
--- SUB-SURFACE DRAIN LATERAL ASBUILT LOCATION

RECORD DRAWING

STORM SEWER AS-BUILTS
STORM SEWER STRUCTURES ONLY

10/10/06

Allan H. Weihe

ALLAN H. WEIHE, REG. P.E. - INDIANA #8827

WEIHE ENGINEERS INC.
3178466611
FAX 3178430546
TOLL FREE 800.452.6408

10505 NORTH COLLEGE AVENUE
INDIANAPOLIS, INDIANA 46280
WWW.WEIHENET

ALLAN H. WEIHE, P.E., P.L.S. - PRESIDENT
CIVIL ENGINEERS LAND SURVEYORS LANDSCAPE ARCHITECTS

PROJECT NO.: W04-0826
DATE: 10/10/06
BY: JAW
CHECKED BY: JAW
DATE: 10/10/06

REVISIONS AND ISSUES:

NO.	DATE	DESCRIPTION
1	10/10/06	ISSUED FOR PERMITS
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REGISTERED PROFESSIONAL ENGINEER
NO. 8827
STATE OF INDIANA

ALLAN H. WEIHE, P.E.

OVERBROOK FARMS SECTION 1

WTFOT, L.L.C.

STORM PLAN & PROFILES

PREPARED FOR:

RECORD DRAWING

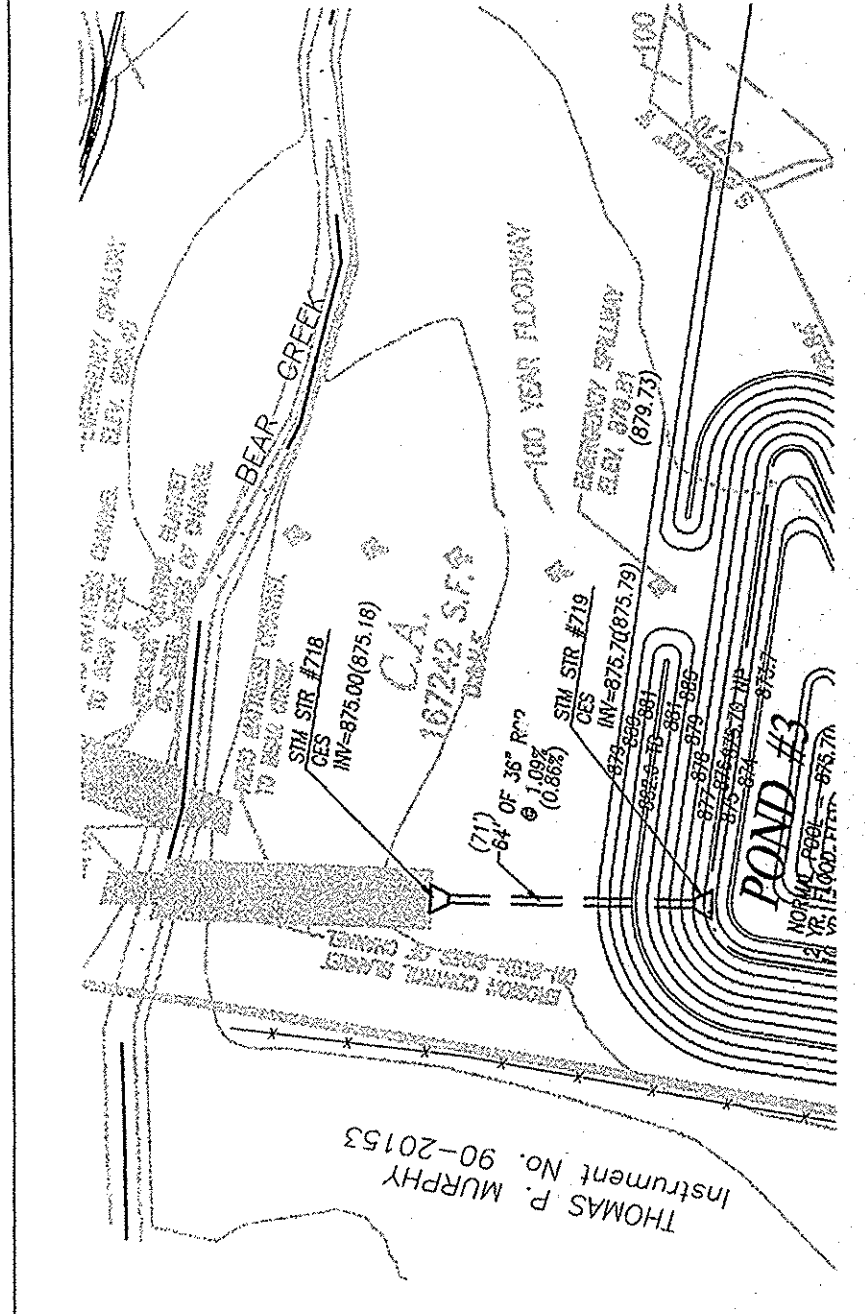
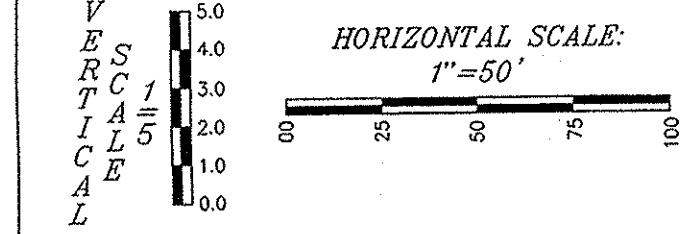
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PROJECT NO. W04-0826

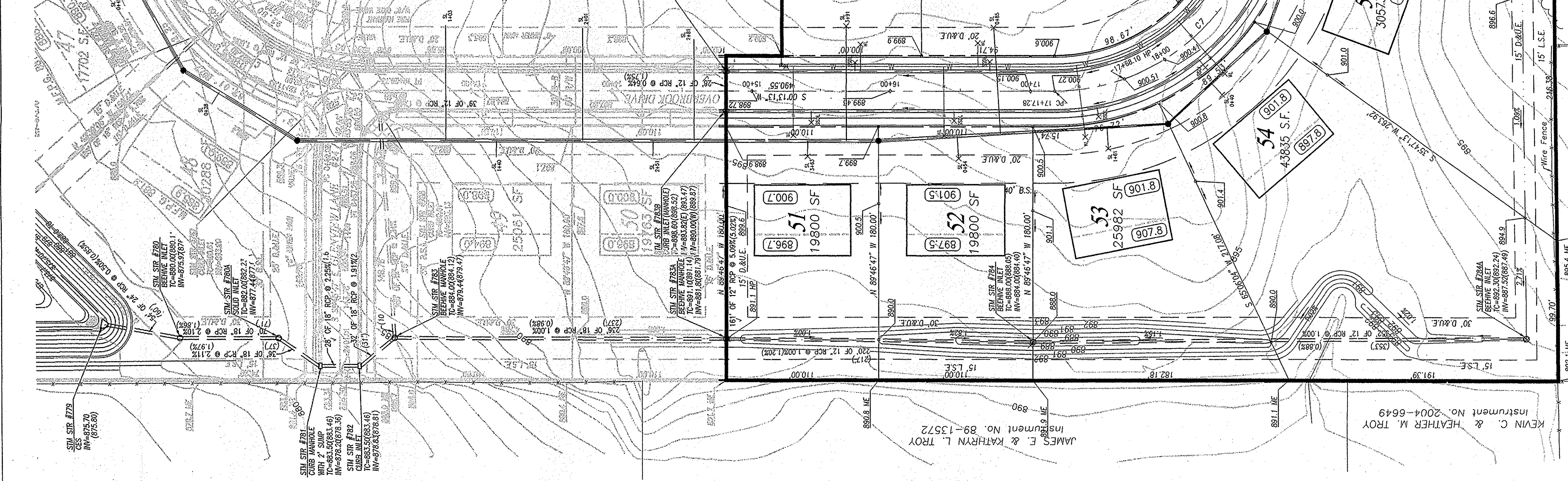
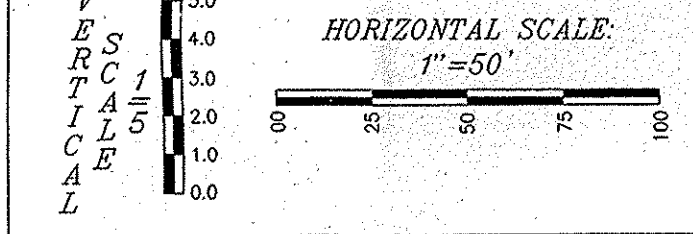
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 Plotted By: hmond

DATE: 10/10/06
 DRAWN BY: J. H. WEIHE
 CHECKED BY: J. H. WEIHE
 DATE: 10/10/06

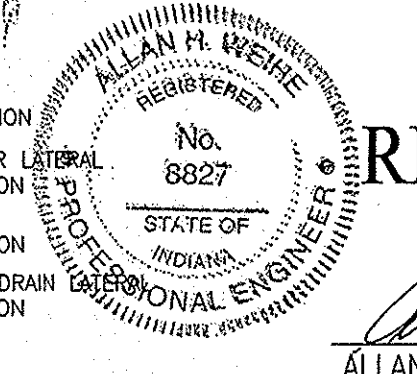
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AS-BUILT LEGEND
 (XXX) AS-BUILT ELEVATION
 S.S. SANITARY SEWER LATERAL
 W.L. WATER LATERAL
 S.S. SUB-SURFACE DRAIN
 AS-BUILT LOCATION



RECORD DRAWING
 STORM SEWER AS-BUILTS
 STORM SEWER STRUCTURES ONLY
 10/10/06
 KEVIN C. & HEATHER M. TROY
 Instrument No. 2004-6649
 ALLAN H. WEIHE, REG. P.E. - INDIANA #8827

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
 Entry Date: July 2008
 Entered By: SLM

CITY OF CARMEL STANDARD BACKFILL NOTES:
STORM SEWERS
 Bedding, haunching, initial backfill for all RCP installations shall be B-Borrow for Structure Backfill meeting the material requirements of the MDOT. Bedding shall be placed in the trench bottom such that after the pipe is installed to grade and level, there remains a 4-inch minimum depth of material below the pipe barrel and a minimum of 3-inches below the ball. For pipe sizes 66-inches and larger, the minimum depth of material below the pipe barrel shall be 6-inches. Bedding, haunching and initial backfill shall be compacted in 6-inch maximum lifts to not less than 95% Standard Proctor Density for the entire depth of the material placed. The backfill shall be brought up evenly on both sides of the pipe for the full length of the pipe. Haunching shall extend to the springline of the pipe. The limit of initial backfill shall be 6-inches above the springline. Minimum trench width shall be the outside diameter of the pipe plus 18-inches.
 Final Backfill for all RCP installations under and within 5-feet of pavement shall be B-Borrow for Structure Backfill meeting the material requirements of the MDOT and shall be compacted in 6-inch maximum lifts to not less than 95% Standard Proctor Density for the entire depth of the material placed. The backfill for the top 6-inches of the excavation below the start of the aggregate subbase of the pavement shall be No. 53 Stone meeting the material requirements of the MDOT and shall be compacted to not less than 95% Standard Proctor Density.
 Final Backfill for all RCP installations greater than 5-feet of pavement shall be clean fill material free of lumps larger than 6-inches in diameter, frozen lumps of soil, wood or other extraneous material, compacted in 12-inch maximum lifts to not less than 90% Standard Proctor Density for the entire depth of the excavation.

CITY OF CARMEL STANDARD BACKFILL NOTES:
WATER AND SEWER UNDER CITY STREETS
 Bedding, haunching, initial backfill materials, placement and compaction for water mains, water service laterals, sanitary mains and sanitary service laterals shall be in accordance with the standards practices of the utility that has jurisdiction over the installation.
 Final Backfill for water mains, water service laterals, sanitary mains and sanitary service laterals under and within 5-feet of pavement shall be B-Borrow for Structure Backfill meeting the material requirements of the MDOT and shall be compacted in 6-inch maximum lifts to not less than 95% Standard Proctor Density for the entire depth of the material placed. The backfill for the top 6-inches of the excavation below the start of the aggregate subbase of the pavement shall be No. 53 Stone meeting the material requirements of the MDOT and shall be compacted to not less than 95% Standard Proctor Density. If the standard practice of the utility that has jurisdiction over the installation has a more stringent final backfill requirement, the more stringent requirement shall govern.
MINIMUM COVER FOR PIPE CROSSINGS OF CITY STREETS
 For installation of Storm Mains, Water Mains, Sanitary Mains, Water Service Laterals, Sanitary Service Laterals under City streets, regardless of the jurisdiction of the utility, the minimum cover from the top of the installed pipe to the top of the installed pavement shall be the pavement section practice of the utility that has jurisdiction over the installation has a more stringent cover requirement, the more stringent requirement shall govern.

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 TOLL FREE 800.452.6408
 ALLAN H. WEIHE, P.E., I.S. - PRESIDENT
 CIVIL ENGINEERS LAND SURVEYORS LANDSCAPE ARCHITECTS

DATE: 7/29/05
 BY: JH
 PROJECT NO: W04-0826
 DWG NAME: 0805_SAN.DWG
 DESIGNED BY: JH
 DRAWN BY: JH
 CHECKED BY: JH
 DATE: 7/29/05

REVISIONS AND ISSUES:
 REVISIONS PER IRREVABLE REPORT
 REVISIONS PER TASK & CLIENT
 REVISIONS PER HISSING
 REVISIONS PER HISSING
 REVISIONS PER DAY T.W. A.D. CAROL & GROSSROAD ETC.
 REVISIONS PER CAROL DUNBAR, INDIANAPOLIS, INDIANA
 REVISIONS PER BRUCE PARTNER, INDIANAPOLIS, INDIANA
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 REVISIONS PER BRUCE PARTNER, INDIANAPOLIS, INDIANA

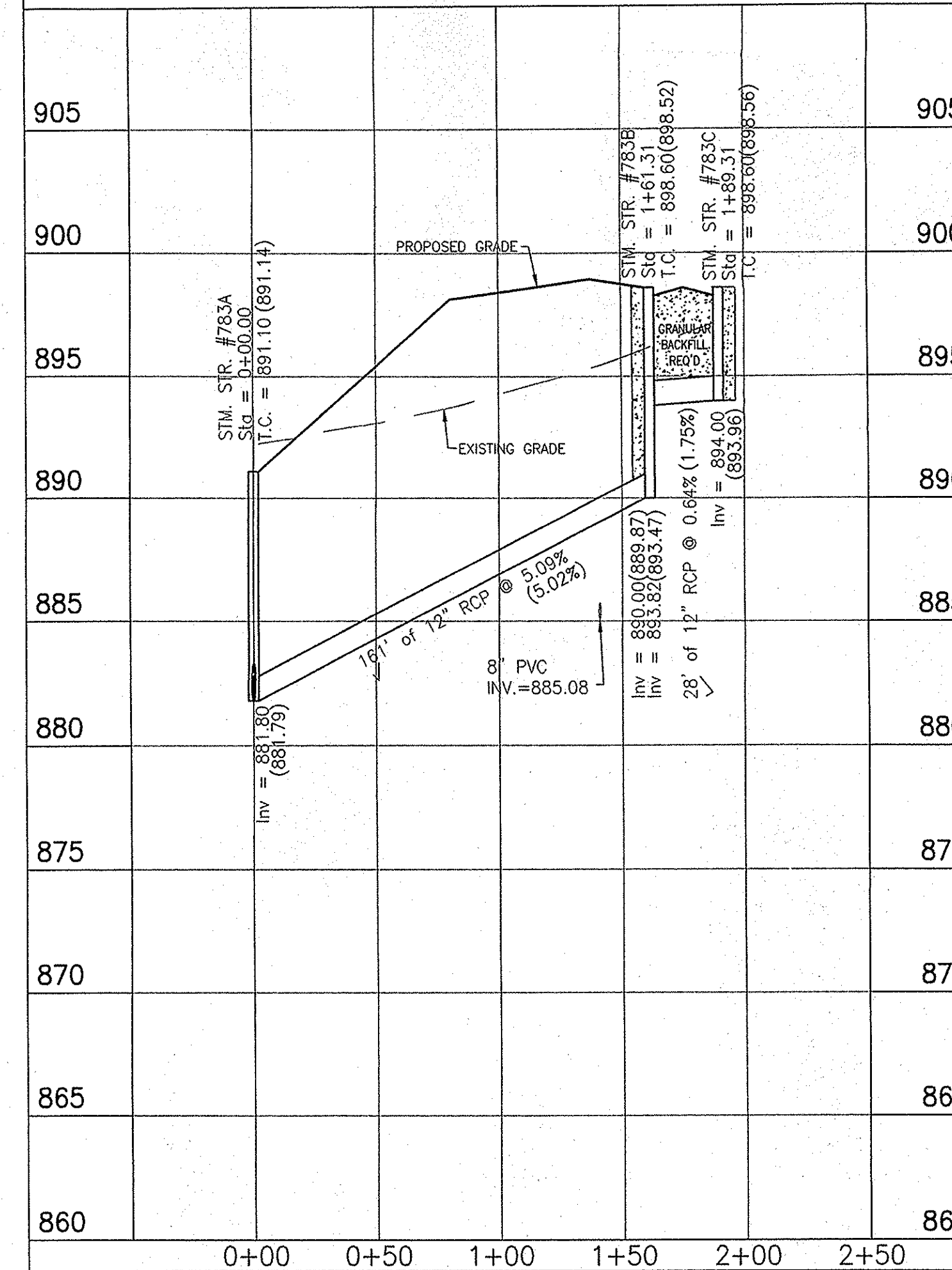
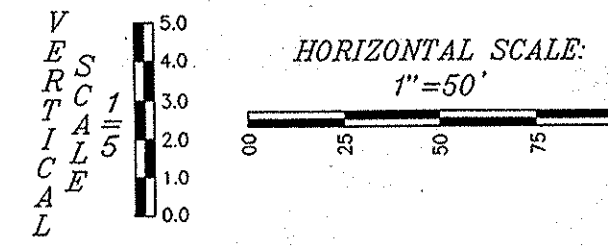
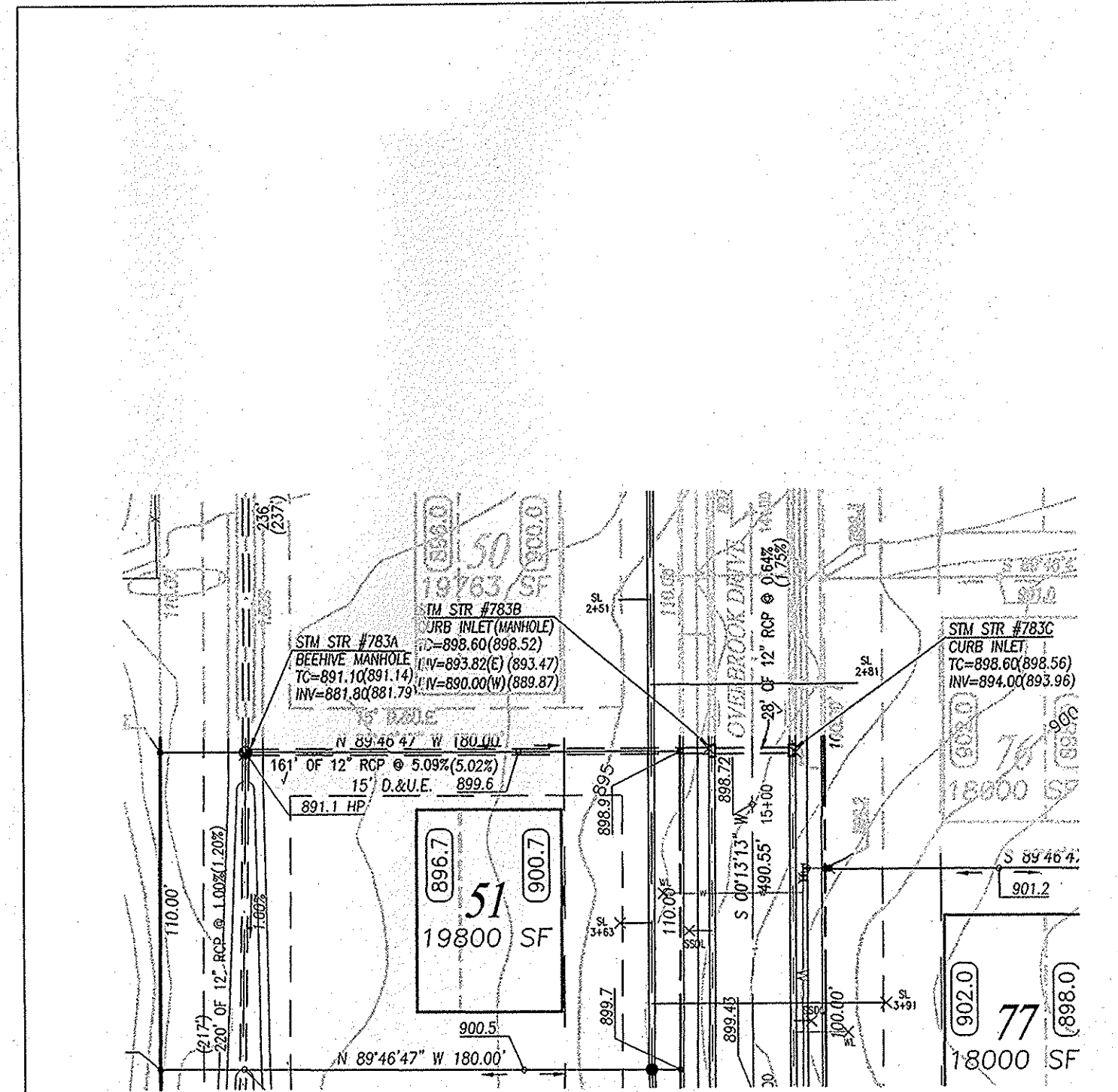
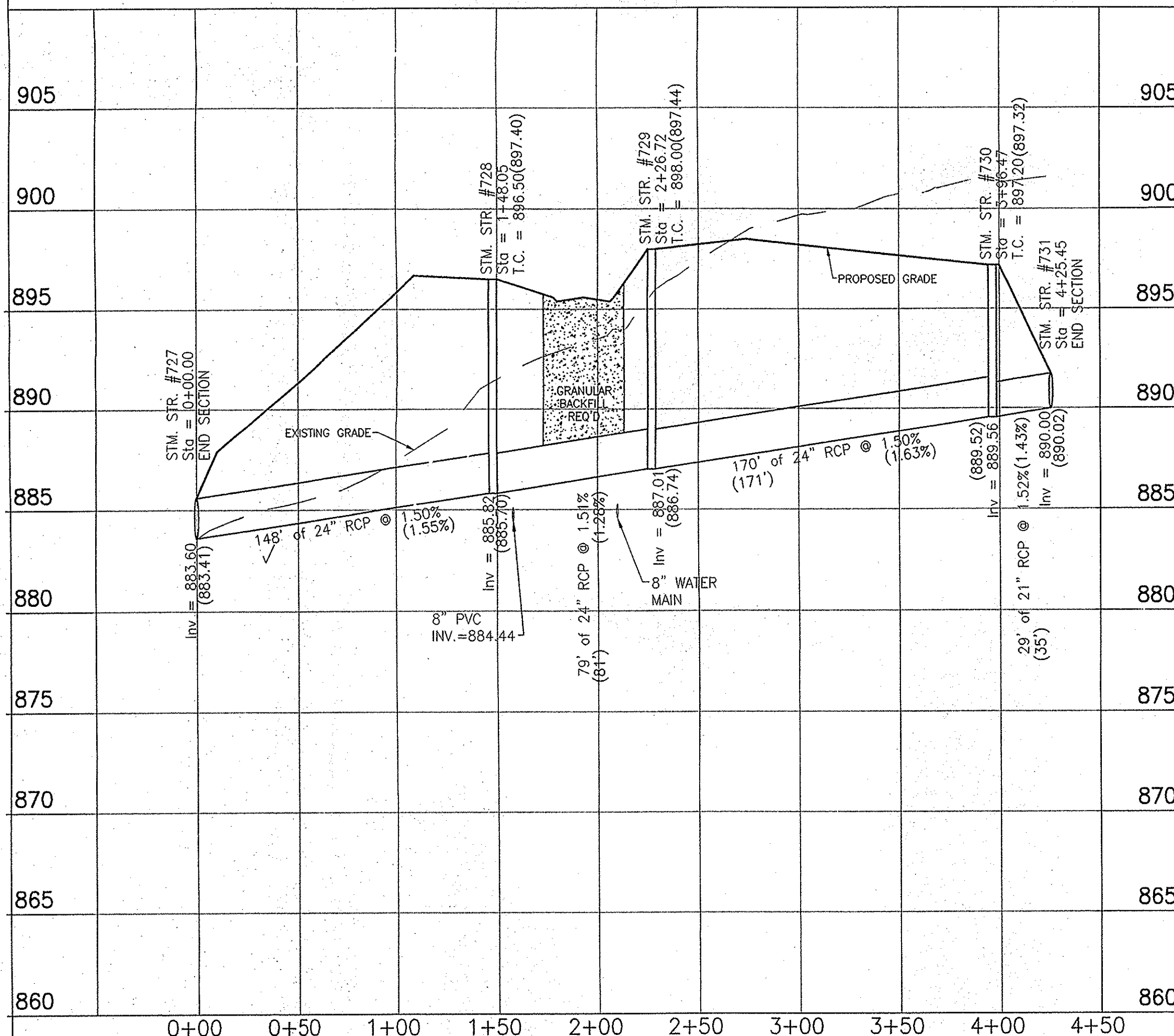
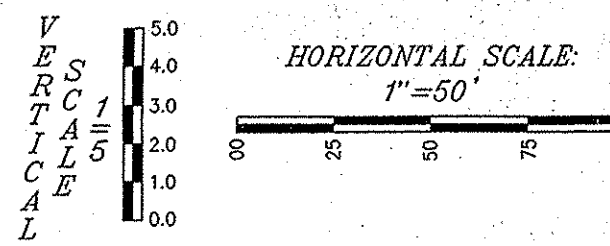
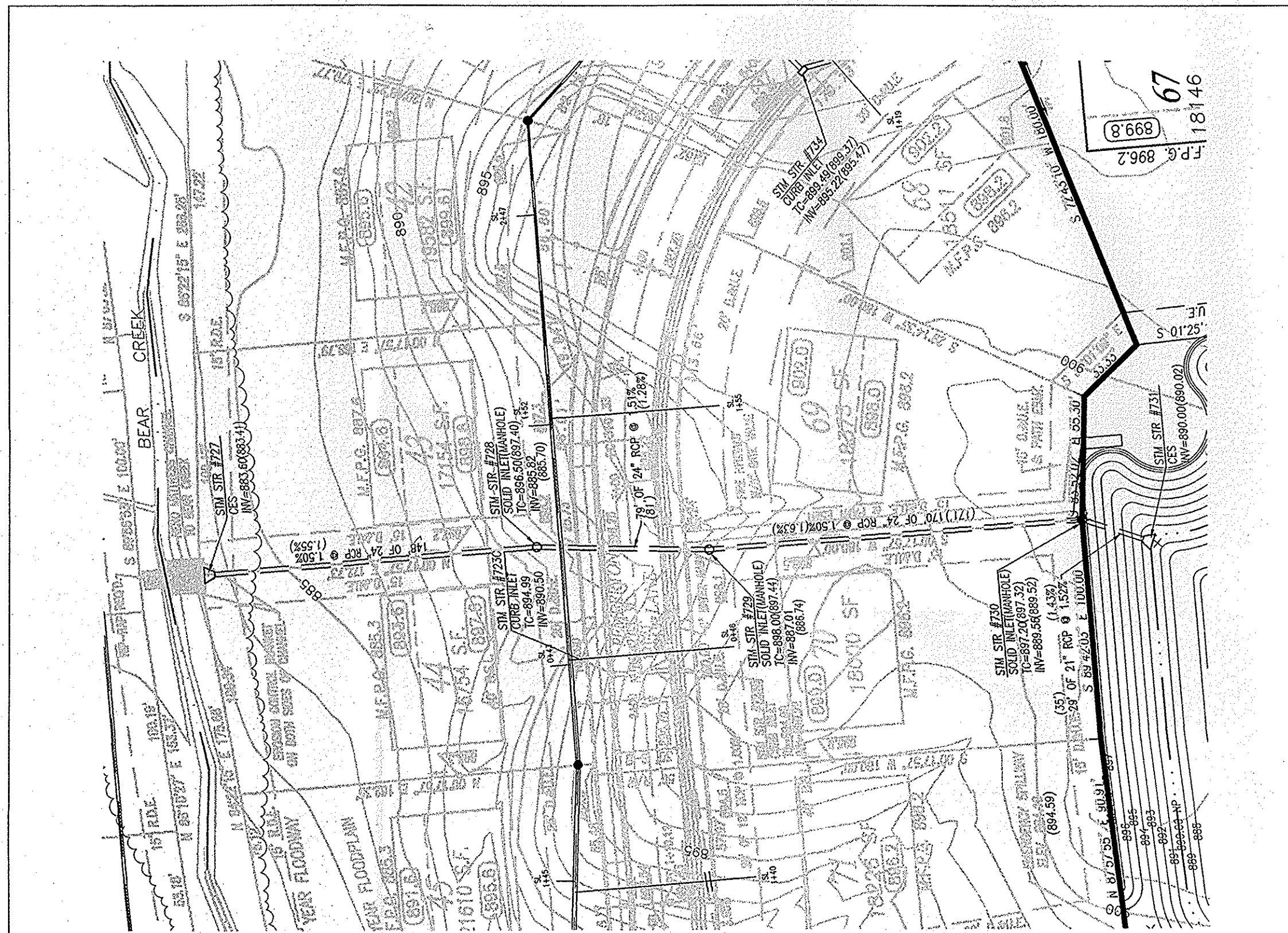
ALLAN H. WEIHE
 REGISTERED
 NO. 8827
 STATE OF INDIANA
 PROFESSIONAL ENGINEER

ALLAN H. WEIHE, P.E. #8827

OVERBROOK FARMS SECTION 1
 WFOF, L.L.C.
STORM PLAN & PROFILES
 Part of the E-112 of the NW 1/4 of Sec. 19-T18N-R3E in Hamilton County, Indiana

PROJECT NO. W04-0826

19



- LEGEND**
- RIGHT-OF-WAY LINE
 - STORM SEWER LINE
 - SANITARY SEWER LINE
 - SANITARY SEWER MANHOLE
 - FLOW DIRECTION
 - EXIST. CONTOURS
 - o STORM BEHIND INLET
 - o STORM INLET
 - T.C. TOP OF CASTING
 - INV. INVERT
 - RCP REINFORCED CONCRETE PIPE
 - PVC POLYVINYLCHLORIDE SANITARY SEWER PIPE
 - M.H. MANHOLE
 - STR. STRUCTURE
 - D.U.E. DRAINAGE AND UTILITY EASEMENT
 - R.D.E. REGULATED DRAIN EASEMENT
 - S.S.L. BUILDING SERVICE LINE
 - V.W. VARIABLE WIDTH
 - PROP. PROPOSED
 - ME MATCH EXISTING
 - TYP. TYPICAL
 - SURFACE DRAIN AND SUMP LINE
 - WATER LINE
 - △ CONCRETE END SECTION
 - △ FLOOD ROUTE
 - 0.000.00 PROPOSED GRADE
 - STM STR #700 = PROP. STORM STRUCTURE NO.
 - SAN STR #800 = PROP. SANITARY STRUCTURE NO.
 - EXIST. TREELINE
 - PROPOSED FIRE HYDRANT
 - PROPOSED WATER LINE VALVE
 - 857.3 PROPOSED PAD GRADE
 - M.F.P.G. MINIMUM FLOOD PROTECTION GRADE OF PADS, MINIMUM GRADE FOR ANY STRUCTURE OPENING (DOOR, WINDOW, WELL, OUTSIDE BASEMENT STAIR ACCESS, ETC.)

CITY OF CARMEL STANDARD BACKFILL NOTES:

STORM SEWERS

Bedding, Haunching, Initial Backfill
Bedding, haunching and initial backfill for all RCP installations shall be 8-Borrow for Structure Backfill meeting the material requirements of the INDOT. Bedding shall be placed in the trench bottom such that after the pipe is installed to grade and line, there remains a 4-inch minimum depth of material below the pipe barrel and a minimum of 3-inches below the bell. For pipe sizes 66-inches and larger, the minimum depth of material below the pipe barrel shall be 6-inches. Bedding, haunching and initial backfill shall be composed in 6-inch maximum lifts to not less than 95% Standard Proctor Density for the entire depth of the material placed. The backfill shall be brought up evenly on both sides of the pipe for the full length of the pipe. Haunching shall extend to the springline of the pipe. The limit of initial backfill shall be 6-inches above the springline. Minimum trench width shall be the outside diameter of the pipe plus 18-inches.

Final Backfill
Final backfill for all RCP installations under and within 5-feet of pavement shall be 8-Borrow for Structure Backfill meeting the material requirements of the INDOT and shall be compacted in 6-inch maximum lifts to not less than 95% Standard Proctor Density for the entire depth of the material placed. The backfill for the top 6-inches of the excavation below the start of the aggregate subbase of the pavement shall be No. 53 Stone meeting the material requirements of the INDOT and shall be compacted to not less than 95% Standard Proctor Density.
Final Backfill for all RCP installations greater than 5-feet of pavement shall be clean fill material free of rocks larger than 6-inches in diameter, frozen lumps of soil, wood or other extraneous material, compacted in 12-inch maximum lifts to not less than 90% Standard Proctor Density for the entire depth of the excavation.

CITY OF CARMEL STANDARD BACKFILL NOTES:

WATER AND SEWER UNDER CITY STREETS

Bedding, haunching, initial backfill materials, placement and compaction for water mains, water service laterals, sanitary mains and sanitary service laterals shall be in accordance with the standard practice of the utility that has jurisdiction over the installation.

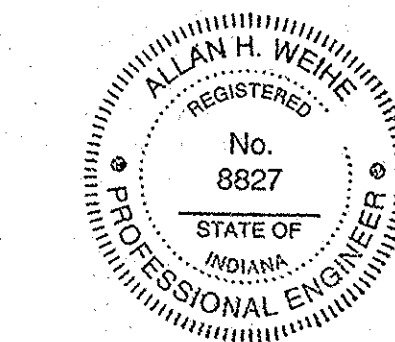
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MINIMUM COVER FOR PIPE CROSSINGS OF CITY STREETS

For installation of Storm Mains, Water Mains, Sanitary Mains, Water Service Laterals, Sanitary Sewer Laterals under City streets, regardless of the jurisdiction of the utility, the minimum cover from the top of the installed pavement to the top of the installed pipe shall be the pavement section practice of the utility that has jurisdiction over the installation less a more stringent cover requirement, the more stringent requirement shall govern.

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.
Entry Date: July 2008
Entered By: SLM

- ASBUILT LEGEND**
- (XXX.XX) ASBUILT ELEVATION
 - SANITARY SEWER LATERAL ASBUILT LOCATION
 - WATER LATERAL ASBUILT LOCATION
 - SUB-SURFACE DRAIN LATERAL ASBUILT LOCATION



RECORD DRAWING

STORM SEWER AS-BUILTS
STORM SEWER STRUCTURES ONLY
10/10/06

ALLAN H. WEIHE, REG. P.E. - INDIANA #8827

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ALLAN H. WEIHE, P.E., U.S. - PRESIDENT
LAND SURVEYORS LANDSCAPE ARCHITECTS
CIVIL ENGINEERS

PROJECT NO.	W04-0826
DATE	7/29/08
BY	SLM
CHECKED BY	SLM
DATE	7/29/08

REVISIONS/ISSUES:
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