

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

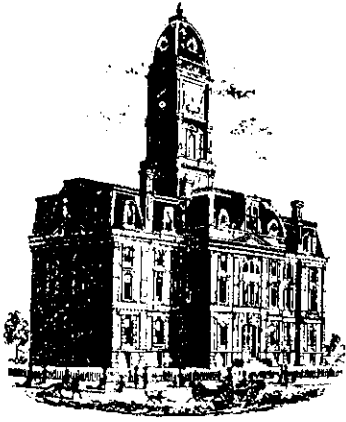
Drain-Improvement: RJ CRAIG - FISHERS CORNER EXTENSION/RECONSTRUCTION

Drain Type:	Size:	Length ()	Length (DB Query)	Length Reconcile	Applicable	
					Price:	Cost:
RCP	12"	158'	158'			
	30"	327'	327'			
	36"	150'	150'			
	48"	166'	166'			
	38"x60"	318'	318'			
STEEL	30"	150'	150'			

Sum: 1269' 1269' \$173297.50

Final Report: 1269'

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

November 14, 2000

Re: R. J. Craig Drain

Attached is a petition for the reconstruction of the R. J. Craig Drain. The petition was filed by The Fishers Group, LP. The petition requests that a portion of the drain be reconstructed in the right of way for Lantern Road and within the alley south of 116th Street west of Lantern Road.

The portion to be reconstructed is shown on the plans prepared by Weihe Engineers for Fishers Corner dated June 1, 2000, page C1. The reconstruction will involve portions of the James Bradburn and George White Drains. The reconstruction will begin at Sta. 4+90 of the Bradburn drain and run east to Lantern Road where it will turn north and run 86 feet to a manhole where it will then turn east and replace the section of line to Sta. 0 of the George W. White Drain. This will replace the existing 21 inch and 15 inch line with 504 feet of 48 inch and 110 feet of 36 inch line. No drain length will change with this portion of reconstruction.

Along with the above is an extension of the existing drain which will run from Str. #5 to structures 6, 6A, 7, 8 and 9. This shall consist of 108 feet of 36" RCP and 603 feet of 30" RCP. This will add 711 feet to the drain's length.

Easements for the replacement of the existing regulated drain will not change. Easements for the extension of the drain shall be within the right of way for 116th Street and Lantern Road.

The cost of the reconstruction will be paid by The Fishers Group, LP. A letter of Credit for this work has been submitted.

Surety: Provident Bank

Number: S008345

Amount: \$173,297.50

Date : October 5, 2000

Expiration: October 4, 2001

I recommend the Board set a hearing for this item for December 26, 2000.

KCW/kkw


Kenton C. Ward
Hamilton County Surveyor



One East Fourth Street, 205A
Cincinnati, Ohio 45202
Phone (513) 579-2800
Fax (513) 345-7160
SWIFT PRBKUS33

International Department

OCTOBER 05, 2000

IRREVOCABLE STANDBY LETTER OF CREDIT NO. S008345

BENEFICIARY: HAMILTON COUNTY
BOARD OF COMMISSIONERS,
ONE HAMILTON COUNTY SQUARE
NOBLESVILLE, IN 46060

ACCOUNT PARTY: THE FISHERS GROUP LP
38 JEFFERSON
COLUMBUS, OH 43215

AMOUNT: U.S. DOLLARS 173,297.50
(U.S. DOLLARS ONE HUNDRED SEVENTY THREE THOUSAND TWO HUNDRED
NINETY SEVEN AND 50/100)

EXPIRY DATE: OCTOBER 04, 2001
AT OUR COUNTERS

WE HEREBY ESTABLISH IN YOUR FAVOR OUR IRREVOCABLE STANDBY LETTER
OF CREDIT AVAILABLE BY YOUR SIGHT DRAFT DRAWN ON US BEARING THE
CLAUSE "DRAWN UNDER THE PROVIDENT BANK LETTER OF CREDIT NO.
S008345 " .

ACCOMPANIED BY THE FOLLOWING DOCUMENT:

A BENEFICIARY CERTIFICATE PURPORTEDLY SIGNED BY A REPRESENTATIVE
OF THE BENEFICIARY READING AS FOLLOWS.

"WE HEREBY CERTIFY THAT THE FISHERS GROUP LP HAS NOT
FAITHFULLY COMPLETED THE PERFORMANCE OF THE CONTRACT.
THE ACCOMPANYING DRAFT THEREFORE, REPRESENTS THE
AMOUNT REQUIRED TO MAKE THE PAYMENTS OF ALL EXPENSES
AND DAMAGES INCURRED UNDER THE CONTRACT, AND TO
COMPLETE THE IMPROVEMENTS TO THE RJ CRAIG REGULATION
DRAIN RECONSTRUCTION."

THIS LETTER OF CREDIT SETS FORTH IN FULL THE TERMS OF OUR
UNDERTAKING AND SUCH UNDERTAKING SHALL NOT IN ANY WAY BE MODIFIED
AMENDED, OR AMPLIFIED BY REFERENCE TO ANY DOCUMENT, INSTRUMENT,
OR AGREEMENT REFERRED TO HEREIN OR IN WHICH THIS LETTER OF CREDIT
IS REFERRED TO OR TO WHICH THIS LETTER OF CREDIT RELATES, AND ANY
SUCH REFERENCE SHALL NOT BE DEEMED TO INCORPORATE HEREIN BY
REFERENCE ANY DOCUMENT, INSTRUMENT OR AGREEMENT.

WE HEREBY ENGAGE WITH YOU THAT DRAFTS DRAWN UNDER AND IN STRICT
COMPLIANCE WITH THE TERMS OF THIS LETTER OF CREDIT WILL BE DULY





One East Fourth Street, 205A
Cincinnati, Ohio 45202
Phone (513) 579-2800
Fax (513) 345-7160
SWIFT PRBKUS33

International Department

STANDBY LETTER OF CREDIT NO. S008345
BENEFICIARY: HAMILTON COUNTY
ACCOUNT PARTY: THE FISHERS GROUP LP

PAGE: 2

HONORED UPON PRESENTATION IF PRESENTED AT OUR COUNTERS ON OR BEFORE THE EXPIRATION DATE OF THIS LETTER OF CREDIT. ALL DOCUMENTS PRESENTED TO US HEREUNDER MUST BE PRESENTED AT OUR ABOVE ADDRESS, ATTENTION INTERNATIONAL DEPARTMENT MAIL CODE 205D.

THIS LETTER OF CREDIT IS SUBJECT TO THE UNIFORM CUSTOMS AND PRACTICES FOR DOCUMENTARY CREDITS, 1993 REVISION, INTERNATIONAL CHAMBER OF COMMERCE PUBLICATION NO. 500 AND, TO THE EXTENT NOT INCONSISTENT THEREWITH, THE LAWS OF THE STATE OF OHIO.

AUTHORIZED SIGNATURE

AUTHORIZED SIGNATURE

**BOARD OF COMMISSIONERS
OF THE COUNTY OF HAMILTON**

DATE _____

**ATTEST: _____
HAMILTON COUNTY AUDITOR**



CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Fishers Corner, R.J. Craig Phase 2

I hereby certify that:

1. I am a Registered Land Surveyor or Engineer in the State of Indiana .
2. I am familiar with the plans and specifications for the above referenced subdivision .
3. I have personally observed and supervised the completion of the drainage facilities for the above referenced subdivision .
4. The drainage facilities within the above referenced subdivision to the best of my knowledge , information and belief have been installed and completed in conformity with all plans and specifications .

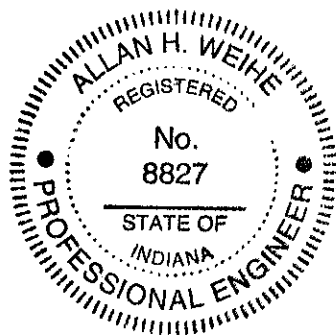
Signature: Allan H. Weihe Date: 5/15/02

Type or Print Name: Allan H. Weihe

Business Address: 10505 N. College Avenue
Indianapolis IN 46280

Telephone Number: 846-6611

SEAL



INDIANA REGISTRATION NUMBER

8827

FILED

MAY 15 2002

OFFICE OF 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

October 3, 2002

Re: RJ Craig Drain: Fishers Corner Extension and Reconstruction

Attached are as-builts, certificate of completion & compliance, and other information for RJ Craig-Fishers Corner Extension and Reconstruction. 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 November 14, 2000. The report was approved by the Board at the hearing held December 26, 2000. (See Drainage Board Minutes Book 5, Pages 527-529)

The changes are as follows:

5	815.97	807.96	38x60	160	157	-3
5	815.97	807.96				
6	816.79	807.99	36	95	90	5
6	816.79	807.99				
6A	817.26	808.06	36	55	56	-1
6A	817.26	808.06				
7	817.59	808.25	30	112	153	-41
7	817.59	808.25				
8	817.76	808.41	30 steel	150	90	60
8	817.76	808.41				
8A	818.22	809.21	30	34		
8A	818.22	809.21				
9	819.95	809.61	30	137	182	-45
9	819.95	809.61				
9A	819.19	809.81	30	44	45	-1

The length of the drain due to the changes described above is now **627 feet**. This footage is for the **extension** of the RJ Craig drain to the northwest corner of 116th and Lantern Rd. This is noted above from Structure 5 to 9a on the asbuilts completed by Weihe Engineers (W000132).

During construction, changes were made to the existing RJ Craig drain. It was originally reported that 614 feet of existing drain would be replaced with 614 feet of 48" & 36" RCP. The changes are as follows:

EXISTING	814.49	807.1				
1B	814.51	807.26	12	13	2	11
1B	814.51	807.26				
1A	815.29	807.46	12	138	150	-12
1A	815.29	807.46				
1	815.19	807.6	12	7	2	5
1	815.19	807.6				
2	815.35	807.74	48	25	21	4
2	815.35	807.74				
3	814.71	807.81	48	141		
3	814.71	807.81				
4	813.21	807.91	38x60	158		
4	813.21	807.91				
5	815.97	807.96	38x60	160	157	-3

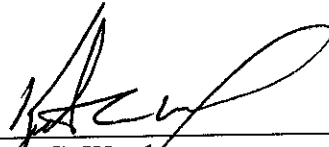
The length of the drain due to the changes described above is now **642feet**. Since 614 feet of the existing RJ Craig Drain was removed there will be **28 feet** of drain added to the existing RJ Craig drain network.

The easements did not change. All work was done in existing easements or right of way.

The bond or letter of credit from Provident Bank, number S008345; dated November 14, 2000; in the amount of \$173,297.50; was released September 23, 2002.

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

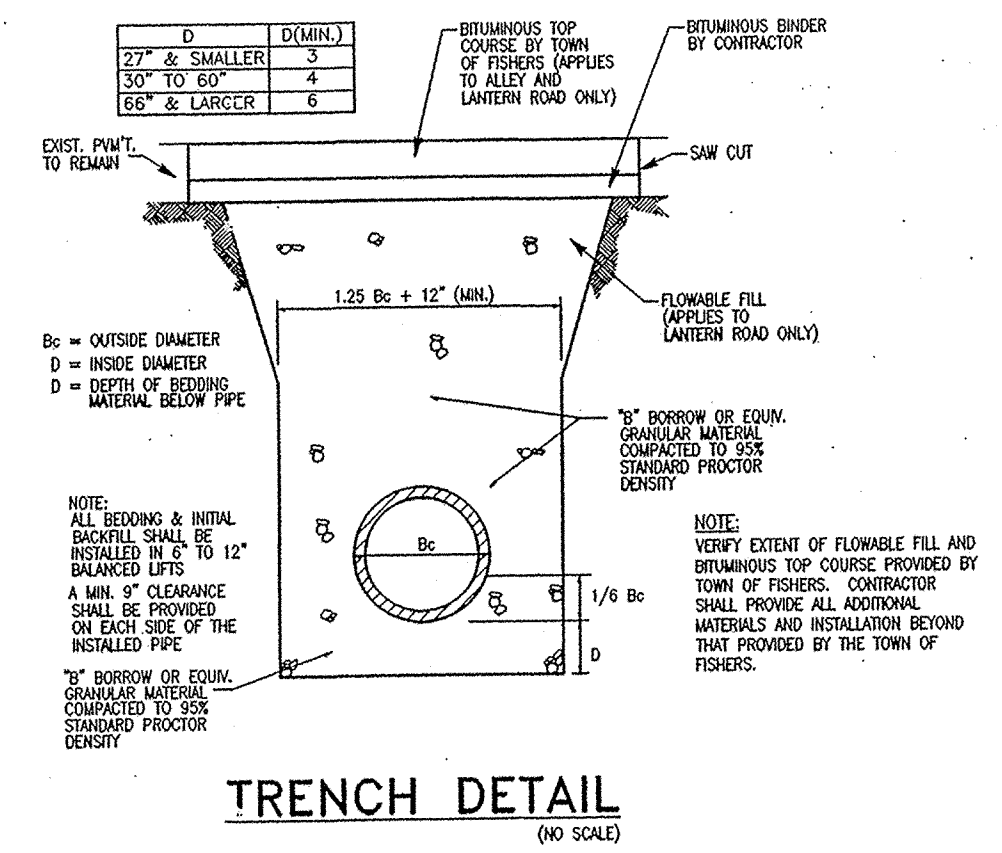
Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

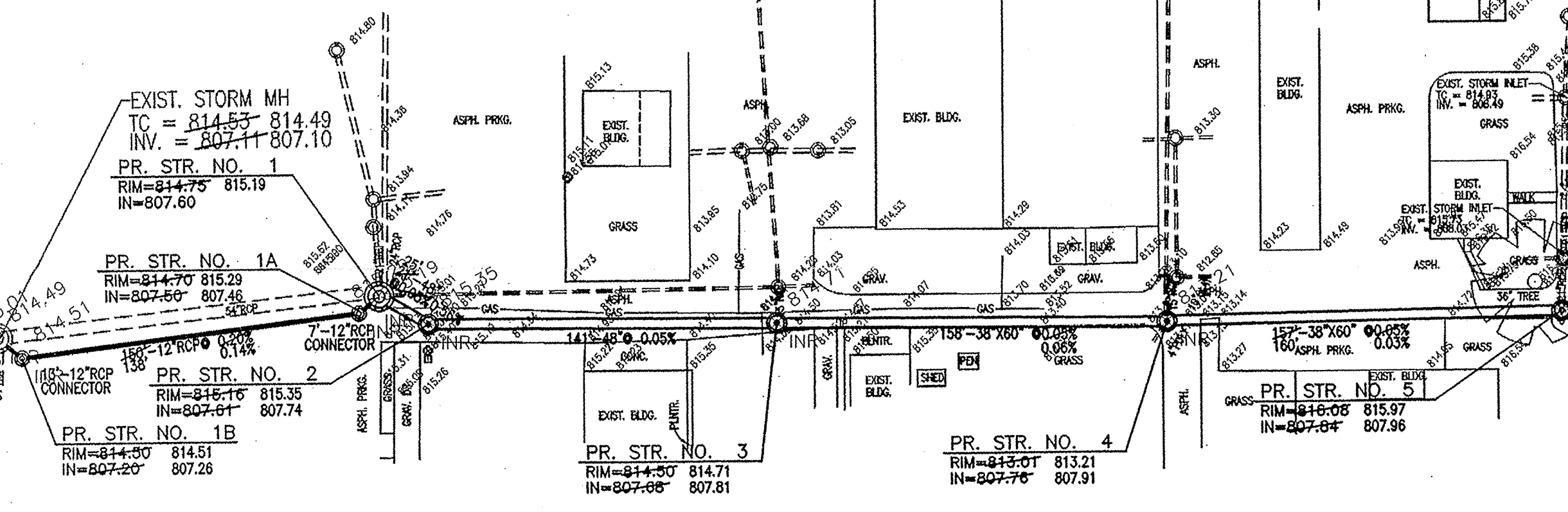
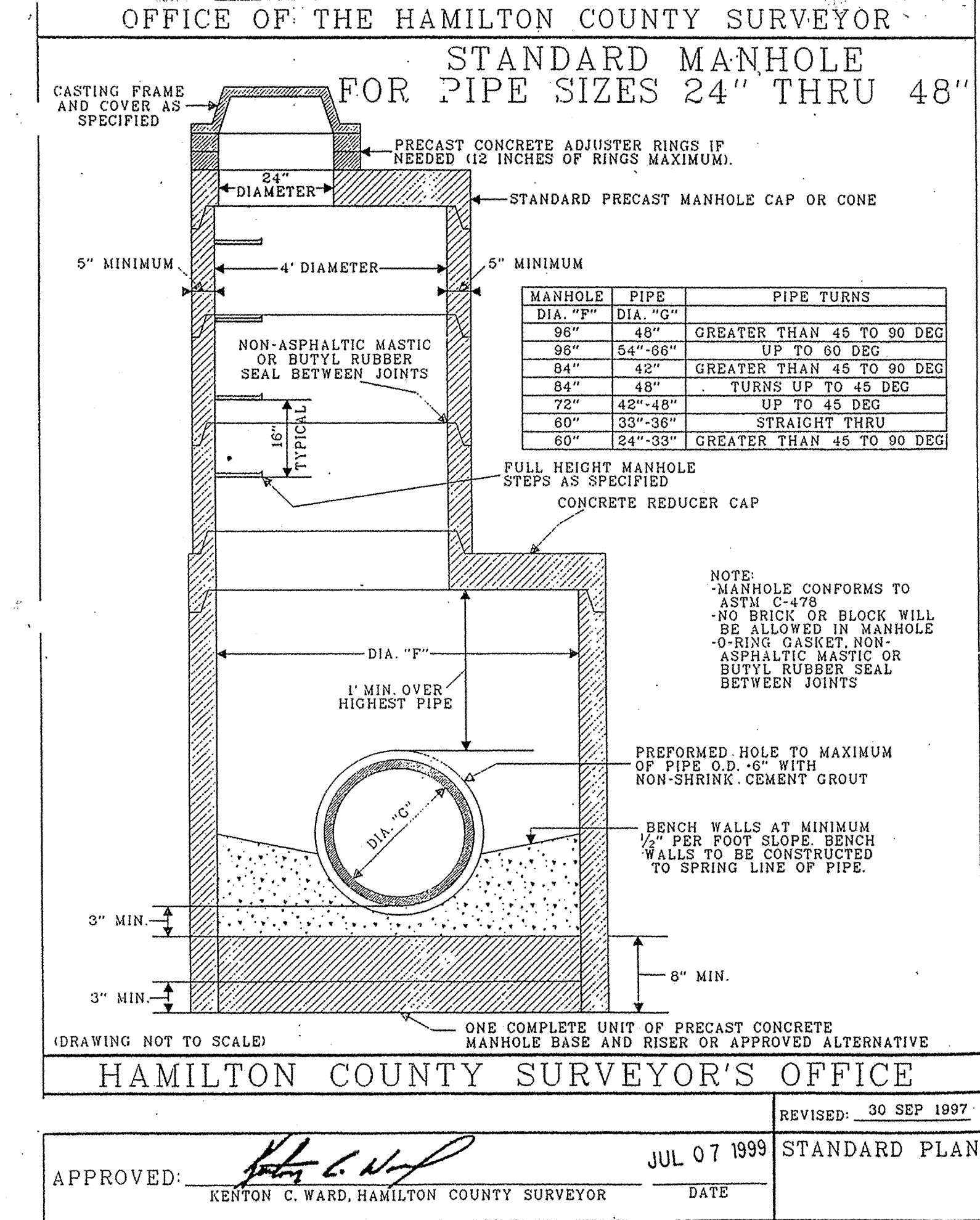
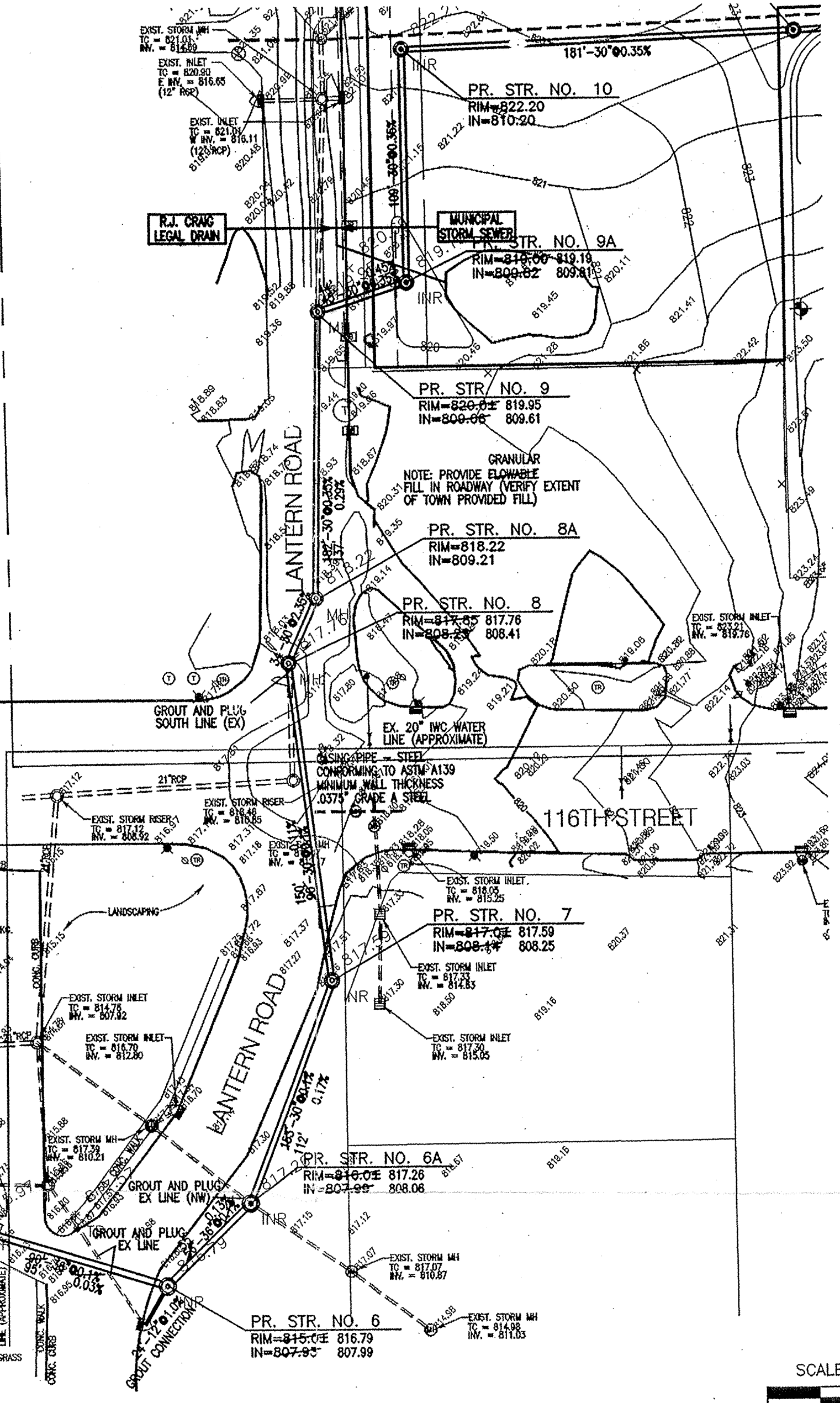
KCW/slm

STORM SEWER STRUCTURE TABLE				
STRUCTURE NUMBER	STRUCTURE TYPE	NEENAH CSTG. TYPE "C" GRATE	TOP OF CASTING	INVERT
1B	48" MANHOLE	R-2501	814.50	814.49
1A	48" MANHOLE	R-2501	814.70	815.29
1	108" MANHOLE	R-2501	814.75	815.19
2	84" MANHOLE	R-2501	815.16	815.35
3	96" MANHOLE	R-2501	814.30	814.71
4	96" MANHOLE	R-2501	813.01	813.21
5	96" MANHOLE	R-2501	816.08	815.97
5A	DELETED			
5B	DELETED			
5C	DELETED			
6	60" MANHOLE	R-4342	815.04	816.79
6A	60" MANHOLE	R-4342	816.04	817.26
7	60" MANHOLE	R-4342	817.04	817.59
8	60" MANHOLE	R-2501	817.65	817.76
8A	60" MANHOLE	R-2501	818.22	818.22
9	60" MANHOLE	R-2501	820.04	819.95
9A	60" MANHOLE	R-4342	819.00	819.19



NOTE: ALL STORM MANHOLE CONNECTIONS SHALL BE FIELD VERIFIED BEFORE FABRICATION OF STRUCTURES. ALL OPENINGS IN STRUCTURES SHALL BE PREFABRICATED OR CORE DRILLED IN THE FIELD.

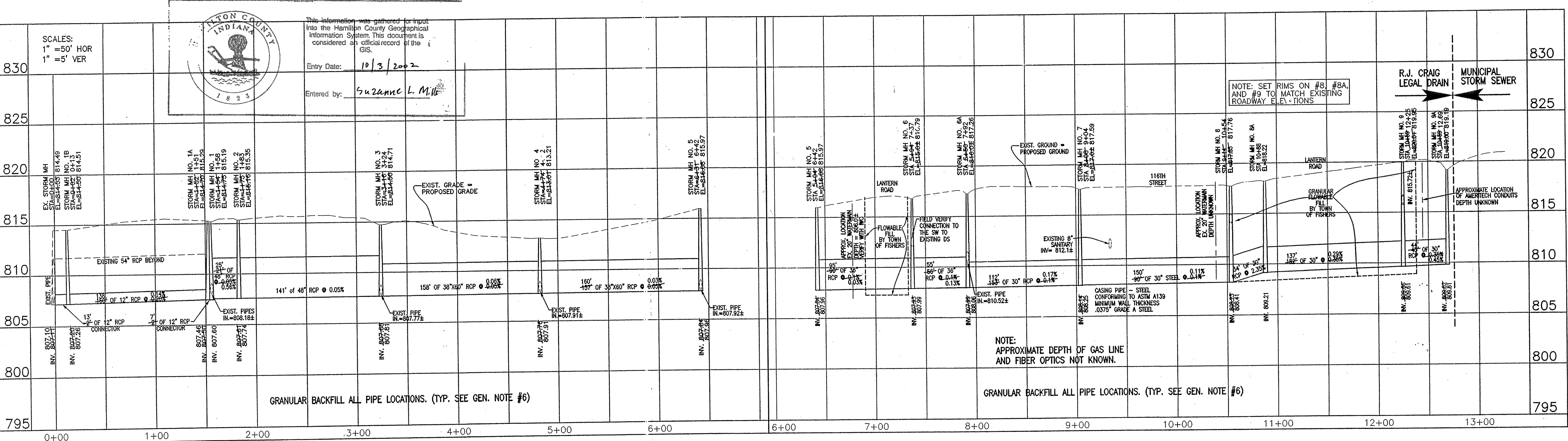
- GENERAL NOTES:**
- REFER TO SHEET C7A FOR ADDITIONAL NOTES.
 - ALL STATIONING IS SHOWN BEGINNING AT PROPOSED DOWNSTREAM STRUCTURE.
 - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL UTILITY LOCATIONS PRIOR TO ANY CONSTRUCTION ACTIVITY.
 - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29 CFR PART 1926, SUBPART 77 APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
 - IN ADDITION, EXCAVATION EXCEEDING TWENTY (20) FEET IN DEPTH SHALL REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
 - GRANULAR BACKFILL ALL PIPE LOCATIONS. SEE DETAIL THIS SHEET FOR PIPE BEDDING DETAIL.
 - ALL PROPOSED GRADES SHALL MATCH EXISTING GRADES.
 - PROVIDE APPROVED GASKET AT EACH PIPE JOINT AND PROVIDE FOR INSPECTION OF SAME.
 - ALL STORM SEWER CASTING GRADES ARE AT FLOW LINE GRADE.
 - CONNECT ALL EXIST. STORM SEWERS INTO NEW STRUCTURES, AND OR PIPES AS SHOWN AND OR DISCOVERED.
 - REUSE EXISTING CASTINGS UNLESS BROKEN. FIELD VERIFY WITH HAMILTON COUNTY SURVEYOR'S INSPECTOR.
 - WHEN SETTING MANHOLES, ALIGN CAP AND STEPS TO MISS PIPES. FIELD VERIFY ALIGNMENT WITH HAMILTON COUNTY SURVEYOR'S INSPECTOR.
 - PROVIDE 6" LAYER OF COMPACTED BEDDING STONE UNDER EACH DRAINAGE STRUCTURE. FIELD VERIFY ACCEPTABILITY OF BEDDING WITH HAMILTON COUNTY SURVEYOR'S INSPECTOR.
 - THE INSTALLATION OF STRUCTURE #8 WILL REQUIRE REPAIR OF SPECIAL PAVEMENT. COORDINATE REQUIRED REPAIRS WITH TOWN OF FISHERS.



HAMILTON COUNTY SURVEYOR'S OFFICE
 REVISION: 30 SEP 1997
 APPROVED: *Kenton C. Ward* JUL 07 1999 DATE
 KENTON C. WARD, HAMILTON COUNTY SURVEYOR

CAUTION!
 THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (INCLUDING, BUT NOT LIMITED TO, MANHOLES, INLETS, VALVES, AND MARKS MADE UPON THE GROUND BY OTHERS) AND ARE NOT GUARANTEED. THERE MAY BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.
 PLEASE CALL "HOLEY MOLEY"
 1-800-255-5644
 TOLL FREE

RECORD DRAWING
 STORM SEWER AS-BUILTS
 STORM SEWER STRUCTURES ONLY
 05/13/02
 ALLAN H. WEIHE - REG. P.E. - IN #827



SCALES:
 1" = 50' HOR
 1" = 5' VER

Hamilton County Indiana
 Entry Date: 10/3/2002
 Entered by: Suzanne L. Miller

GRANULAR BACKFILL ALL PIPE LOCATIONS. (TYP. SEE GEN. NOTE #6)

NOTE: APPROXIMATE DEPTH OF GAS LINE AND FIBER OPTICS NOT KNOWN.

NOTE: SET RIMS ON #8, #8A, AND #9 TO MATCH EXISTING ROADWAY ELEVATIONS

NOTE: APPROXIMATE LOCATION OF AMERTECH CONDUITS DEPTH UNKNOWN

NOTE: GRANULAR BACKFILL ALL PIPE LOCATIONS. (TYP. SEE GEN. NOTE #6)

WEIHE ENGINEERS, INC.
 10505 NORTH COLLEGE AVENUE
 INDIANAPOLIS, INDIANA 46240
 TOLL-FREE (800) 485-6046
 CIVIL ENGINEERS • LAND SURVEYORS • LAND PLANNERS • LANDSCAPE ARCHITECTS

PREPARED FOR: **FISHERS CORNER**
 FISHERS - SKILKEN, JV LLC
 NW CORNER 116TH AND I-69, FISHERS, INDIANA
OFF-SITE STORM SEWER PLAN & PROFILE
 PART OF THE SW/A OF SEC. ST. T10N, R02E, E24R04E TOWNSHIP, HAMILTON COUNTY, INDIANA 1002-0322

SHEET NO. **C7**