



Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 188

One Hamilton County Square

Noblesville, Indiana 46060-2230

October 14, 2005

TO: Hamilton County Drainage Board

RE: S.M. Smith Drain, Maple Village Section 1 Arm

Attached is a petition filed by Platinum Properties, LLC along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Maple Village Section 1 Arm, S.M. Smith Drain to be located in Washington 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:

6" SSD	13,107 ft.	21" RCP	446 ft.
6" HDPE	2,266 ft.	24" RCP	393 ft.
12" RCP	1,079 ft.	27" RCP	164 ft.
15" RCP	1,071 ft.	30" RCP	124 ft.
18" RCP	630 ft.	36" RCP	391 ft.

The total length of the drain will be 19,671 feet.

The water quality swales (dry detention basins) located in Common Areas #1, #2, and #8 are not to be considered part of the regulated drain. Only the inlet, outlet and 6" HDPE sub-surface pipe will be maintained as part of the regulated drain. The maintenance of the water quality swales will be the responsibility of the Homeowners Association or the Town of Westfield as part of their Stormwater Phase II Program. The Board however, will retain jurisdiction for ensuring the storage volume for which the water quality swales (dry detention basins) were designed will be retained, thereby, allowing no fill or easement encroachments, other than the water quality plantings.

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. The portion of the SSD which will be regulated other than those under curbs are as follows:

The 6" SSD located down the center of the frontage road for Kingsbridge Boulevard. This will serve as the SSD lateral outlet for Lots 42 to 55.

The subsurface drain (SSD) located under the private alley ways in the rear yards of lots 59 to 103 are not to be considered part of the regulated drain. The maintenance responsibility of these SSD will be that of the property owners or the Homeowners Association, who ever maintains the private alley ways.

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, \$2.00 per acre for roadways, with a \$65.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$7,906.58.

The petitioner has submitted surety for the proposed drain at this time. Surety shall be submitted prior to the approval of the Hamilton County Board of Commissioners/commencement of construction. The sureties which are in the form of a Performance Bond are as follows:

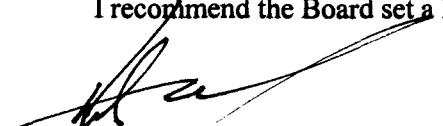
Agent: Bond Safeguard Insurance Company
Date: June 23, 2005
Number: 5017298
For: Storm Sewers & Erosion Control
Amount: \$380,784.00

Parcels assessed for this drain may be assessed for the Little Eagle Creek Drain at sometime in the future

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 Maple Village 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 23, 2006.


Kenton C. Ward
Hamilton County Surveyor

KCW/pll

(Revised 06/08/04)

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 Maple Village Subdivision, Section
One Drain Petition.

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

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

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

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

The Petitioner also agrees to the following:

1. To provide the Drainage Board a Performance Bond 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 Petitioner's 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

Timothy J. Walter

Printed Name

March 16, 2005

Date

Signed

Printed Name

Date

Signed

Signed

Printed Name

Printed Name

Date

Date

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

S. M. Smith Drain, Maple Village 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 **S. M. Smith
Drain, Maple Village Section 1 Arm** on **January 23, 2006**, at **9:20
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

S. M. Smith Drain, Maple Village 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 23, 2006** 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
S. M. Smith Drain, Maple Village Section 1 Arm

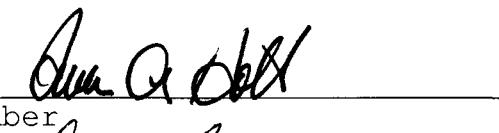
On this **23rd day of January 2006**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **S. M. Smith Drain, Maple Village Section 1 Arm**.

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:



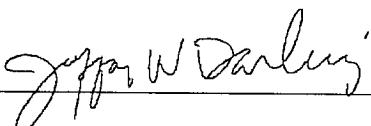
CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Maple Village, Section 1

I hereby certify that:

1. I am a Registered Land Surveyor or Engineer in the State of Indiana.
2. I am familiar with the plans and specifications for the above referenced subdivision.
3. I have personally observed and supervised the completion of the drainage facilities for the
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:  Date: September 12, 2006

Type or Print Name: Jeffory W. Darling

Business Address: Stoeppelwerth & Associates, Inc.

9940 Allisonville Road, Fishers, Indiana 46038

Telephone Number: (317) 849-5935

SEAL

INDIANA REGISTRATION NUMBER

900017





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

April 8, 2008

Re: Little Eagle Creek Drain: Maple Village Section 1

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

During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated October 14, 2005. The report was approved by the Board at the hearing held January 23, 2006. (See Drainage Board Minutes Book 9, Pages 15-17)
The changes are as follows:

Structure:	Length:	Size	Material:	Up Invert:	Dn_Invert	Grade:	Changes(ft):
559A-559	100	15	RCP	922.86	922.19	0.67	
559-558	23	15	RCP	922.19	921.86	2.09	-1
558-557A	102	18	RCP	921.71	920.12	1.56	1
557A-557	101	21	RCP	920.12	918.95	1.16	1
557-556	22	24	RCP	918.95	918.69	1.18	-2
556-555	101	27	RCP	918.69	918.25	0.44	1
555-554	100	30	RCP	918.25	917.87	0.38	
554-553	23	30	RCP	917.87	917.67	0.39	-1
553-552	101	36	RCP	917.67	917.25	0.42	
552-551A	100	36	RCP	917.25	916.92	0.33	
551A-551	23	36	RCP	916.92	916.78	0.61	-1
551-549	128	36	RCP	916.78	916.5	0.22	2
549-549A	38	36	RCP	916.5	916.45	0.13	-2
512-509	197	15	RCP	917.55	916.53	0.52	2
509-508	76	21	RCP	916.53	916.08	0.59	3
511-510	31	15	RCP	917.29	917.02	0.87	
510-509	131	18	RCP	917.02	916.53	0.37	
508-507	132	24	RCP	916.08	915.4	0.51	2
507-506	29	24	RCP	915.4	915.18	0.75	
506-505	45	24	RCP	915.18	915	0.4	-9
513-514	132	18	RCP	916.02	915.53	0.37	-1
514-515	28	21	RCP	915.53	915.47	0.21	
515-516	49	24	RCP	915.47	914.93	1.1	-2

522-521	24	12	RCP	920.28	919.93	1.45	
521-519	36	12	RCP	919.93	918.84	3.02	
519-518	50	18	RCP	918.25	917.47	1.56	
518-517	40	18	RCP	917.47	917.07	1	-1
517-514	139	21	RCP	917.07	915.53	1.11	1
502-501	28	15	RCP	918.33	918.18	0.53	
501-500	50	18	RCP	918.18	918.04	0.28	
529A-529	102	12	RCP	921.53	920.26	1.25	1
533B-529	24	12	RCP	921.53	920.26	1.25	
529-526	134	15	RCP	920.26	919.62	0.48	
527-526	50	12	RCP	921.06	922.05	1.98	
526-525	181	15	RCP	919.62	918.9	0.4	
525-524	24	15	RCP	918.9	918.76	0.58	
524-519	175	15	RCP	918.76	918.25	0.3	-1
541-542	28	12	RCP	919.46	919.18	1	
542-544	46	12	RCP	919.18	919.05	0.28	-1
534-546A	101	21	RCP	918.59	918.29	0.3	
546A-546	101	24	RCP	918.29	918.09	0.2	-8
546-547	24	27	RCP	918.09	917.99	0.41	
547-548	37	27	RCP	917.99	917.82	0.41	-3
540-535	100	15	RCP	919.59	919.29	0.3	2
538-535	36	12	RCP	919.48	919.29	0.53	
535-534	123	18	RCP	919.29	918.59	0.57	-1
533A-533	100	12	RCP	919.48	918.67	0.81	
534-533	24	12	RCP	918.67	918.67	0.33	
545-544	50	12	RCP	919.62	919.05	1.14	
544-543	75	15	RCP	919.05	918.73	0.43	-5
532-531	165	12	RCP	920.15	918.37	1.07	
531-530	40	12	RCP	918.37	917.85	1.3	-2
561-597	75	12	RCP	914.09	913.39	0.93	1
563-562	48	12	RCP	916.09	915.44	1.35	-2
523A-523	80	12	RCP	922.69	922.15	0.68	-34
523-521	113	12	RCP	922.15	919.93	1.96	-1

6" SSD

Streets:

Southhall	2053.5
Brigg	770
Knottingly	173
Warrington	530
Madstone	518
Kimberly Ave	509
Helston	507
Kingsbridge Blvd	950
x2	

Total: 12021

Other Drain:

6" HDPE	1945
Total:	1945

RCP Pipe Totals:

12	1041
15	1068
18	628
21	445
24	378
27	162
30	123
36	390

Total: 4235

The length of the drain due to the changes described above is now **18,201 feet.**

The non-enforcement was approved by the Board at its meeting on January 23, 2006 and recorded under instrument #20060004904.

The following sureties were guaranteed by Bond Safeguard Insurance Company and released by the Board on its May 29, 2007 meeting.

Bond-LC No: 5017298

Insured For: Storm Sewers, Erosion Control

Amount: \$380,784

Issue Date: June 23, 2005

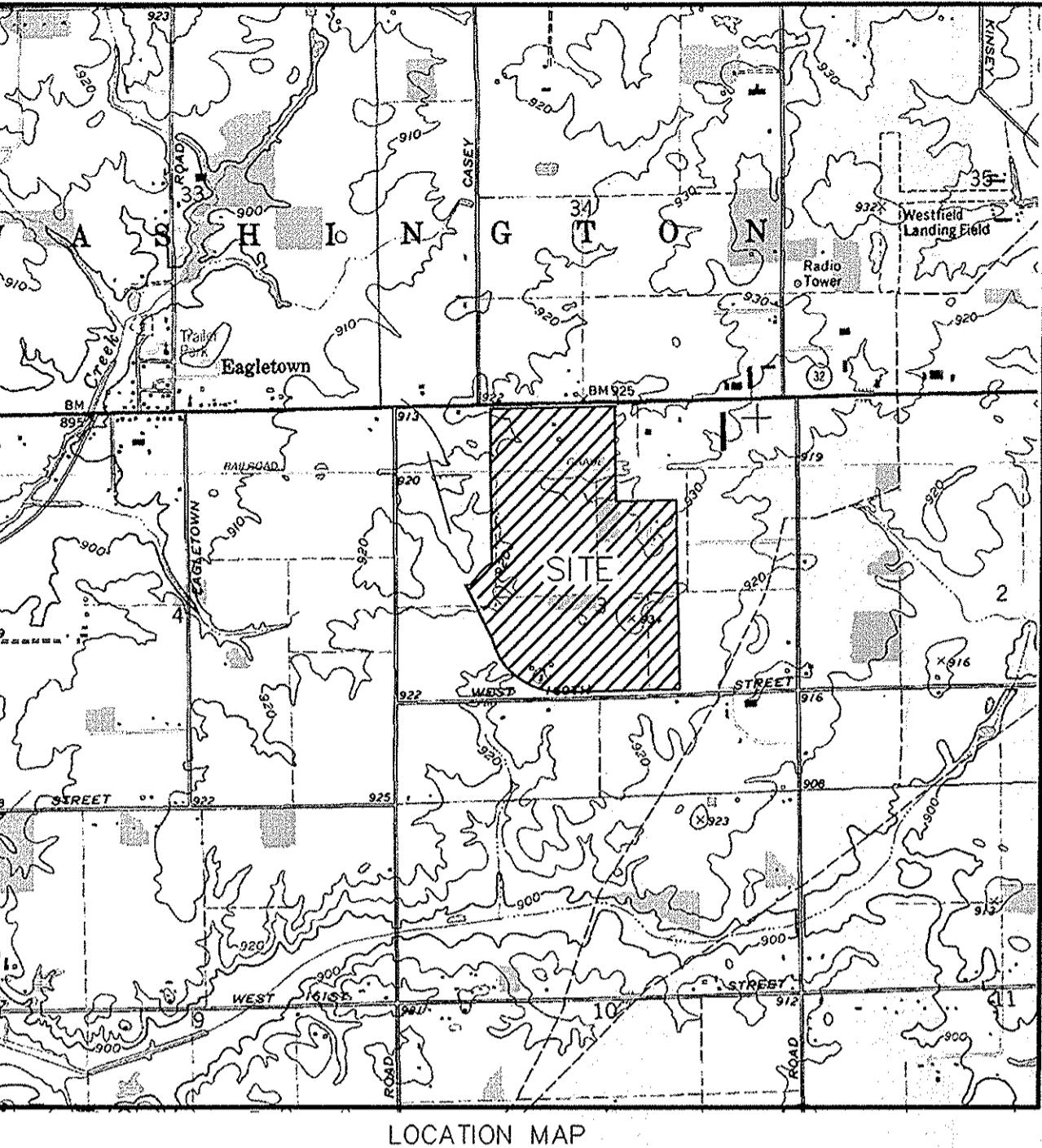
I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

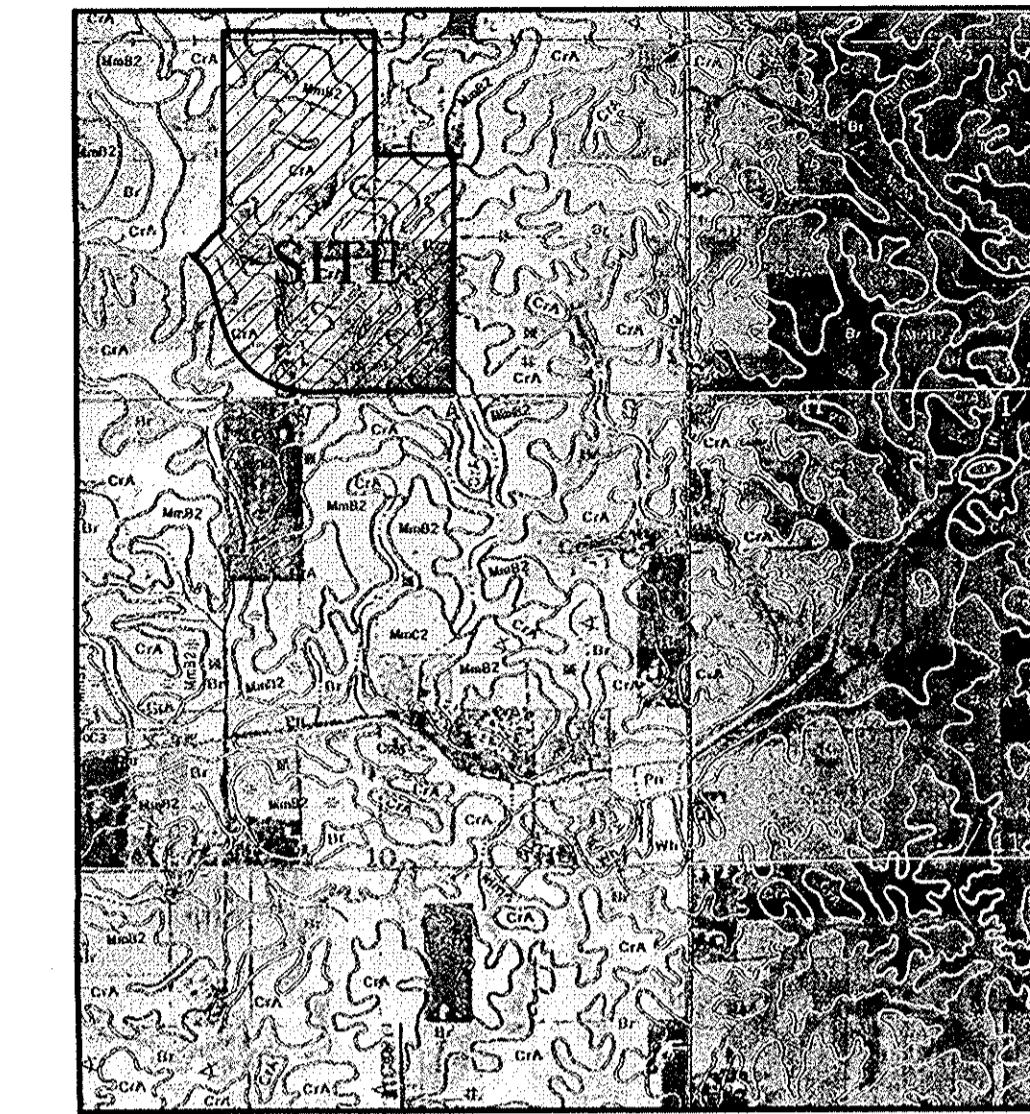
KCW/slm



LOCATION MAP

MAPLE VILLAGE SECTION ONE

Developed by:
PLATINUM PROPERTIES L.L.C.
 9551 DELEGATES ROW
 INDIANAPOLIS, INDIANA 46240
 PHONE: (317) 818-2900
 FAX: (317) 818-2910
 CONTACT PERSON: TIM WALTER

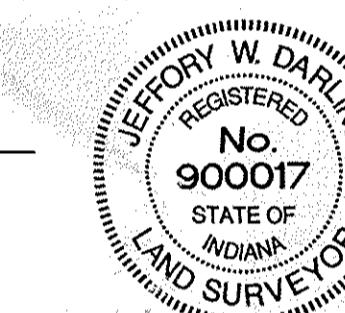


SOILS MAP

Br	BROOKSTON
CrA	CROSBY
MmB2	MIAMI (2 TO 6% SLOPE)
Pn	PATTON

RECORD DRAWING

Jeff W Darling 9/11/06
 JEFFORY W. DARLING DATE
 Registered Land Surveyor
 No. 900017

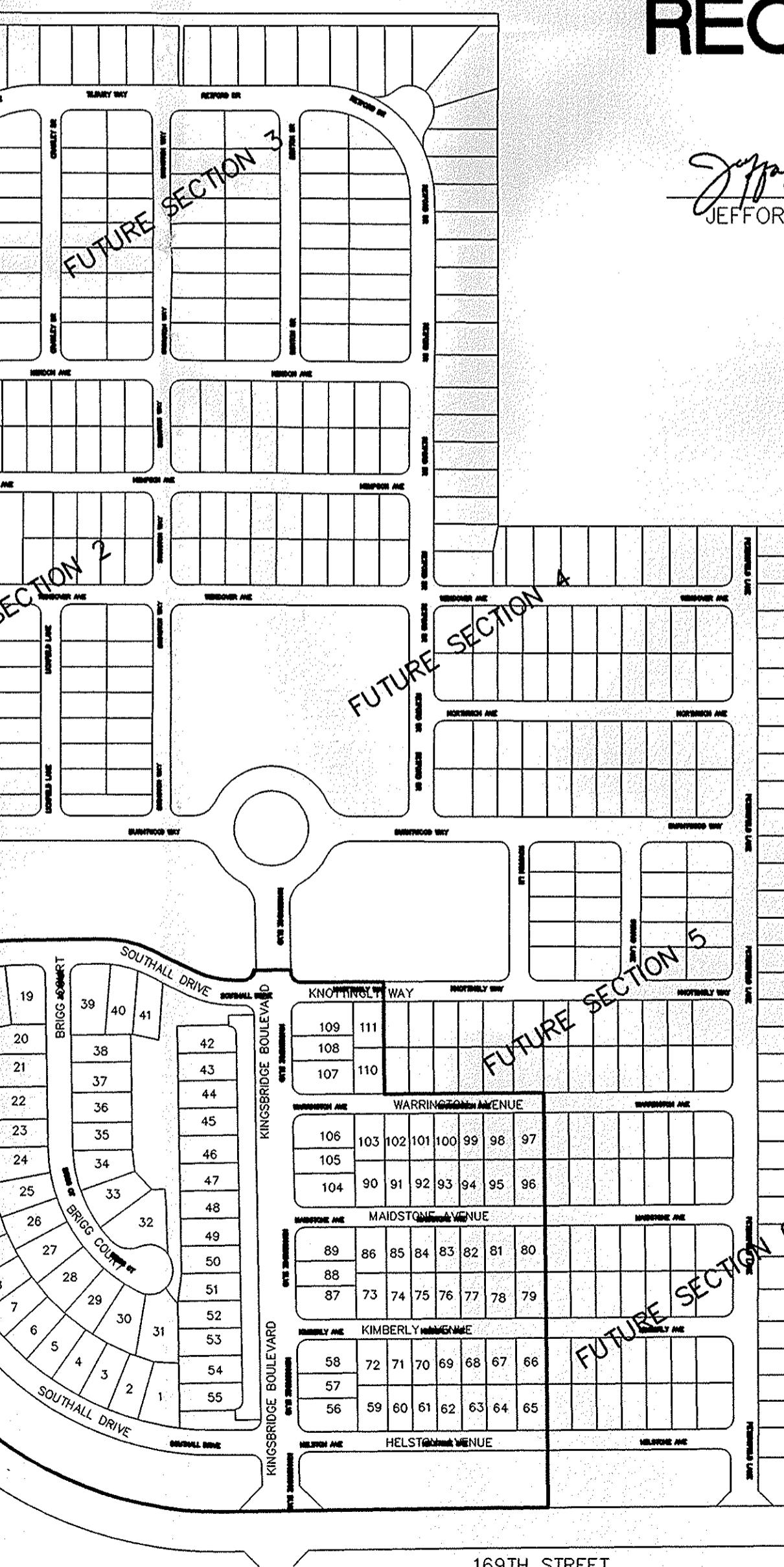


SPEED LIMIT: 25 M.P.H.

DESIGN DATA

111 LOTS = 3.39 LOTS/ACRE
 32.753 AC.

KINGSBRIDGE BOULEVARD	1,083.32 L.F.
SOUTHALL DRIVE	2,120.01 L.F.
BRIGG COURT	785.48 L.F.
HELSTON AVENUE	933.16 L.F.
KIMBERLY AVENUE	936.72 L.F.
MAIDSTONE AVENUE	940.29 L.F.
WARRINGTON AVENUE	624.60 L.F.
KNOTTINGLY WAY	343.16 L.F.
TOTAL	
7,766.74 L.F.	

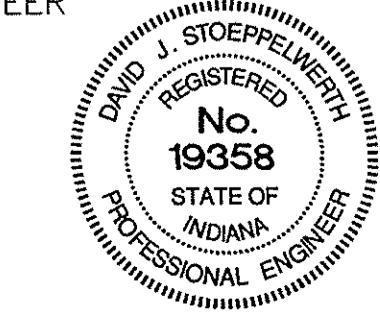


SCALE: 1"=250'

PLANS PREPARED BY:
STOEPPELWERTH & ASSOCIATES, INC.
 CONSULTING ENGINEERS & LAND SURVEYORS
 9940 ALLISONVILLE ROAD
 FISHERS, INDIANA 46038
 PHONE: (317)-849-5935
 FAX: (317)-849-5942
 CONTACT PERSON: EDWARD E. FLEMING

PLANS CERTIFIED BY:

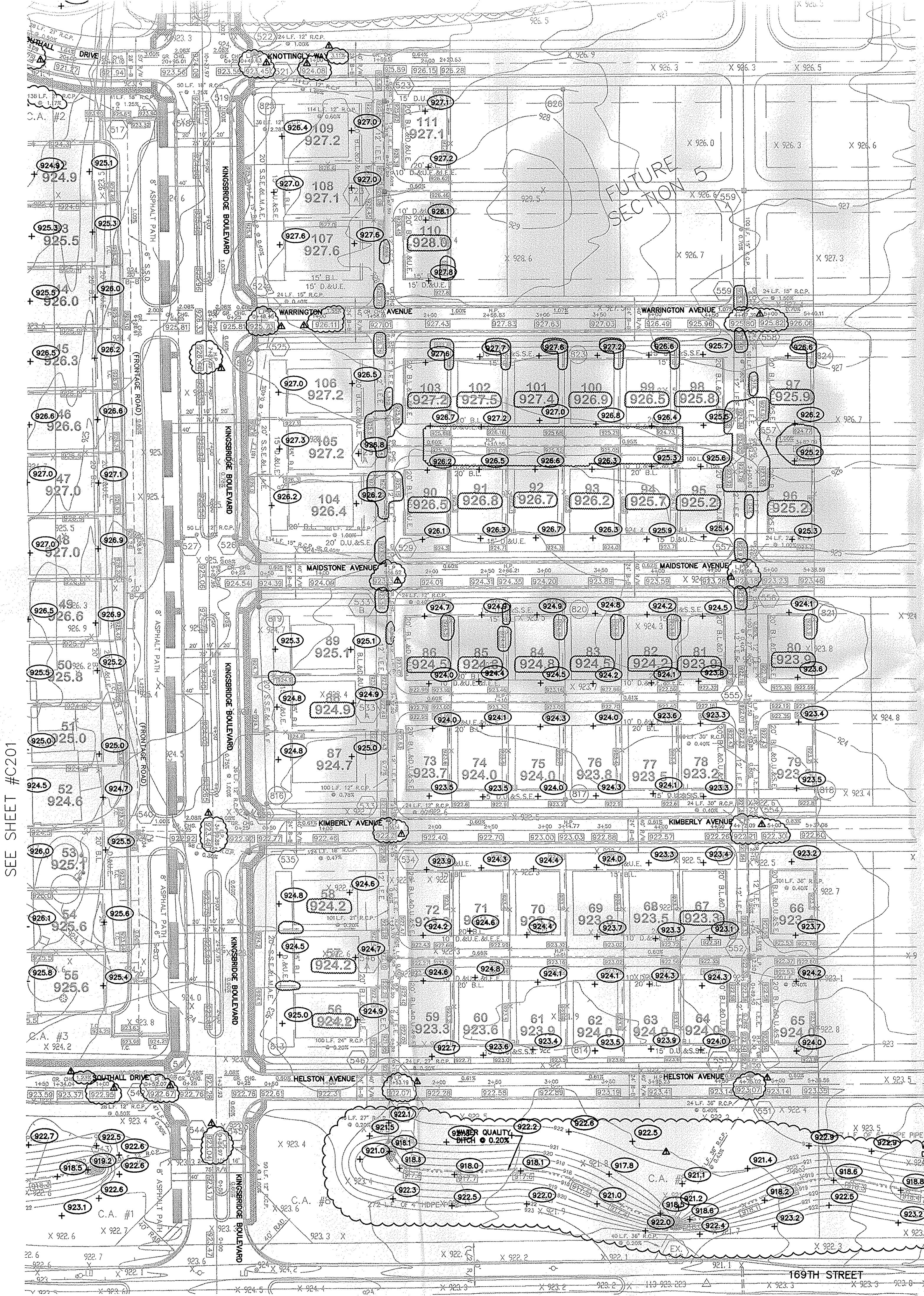
David J. Stoeppelwerth 3/16/05
 DAVID J. STOEPPELWERTH DATE
 PROFESSIONAL ENGINEER
 NO. 19358



INDEX	
SHT.	DESCRIPTION
C001	COVER SHEET
C100	TOPOGRAPHICAL SURVEY
C200-C202	SITE DEVELOPMENT PLANS
C300-C301	EROSION CONTROL PLANS & SPECIFICATIONS
C400-C409	STREET PLAN & PROFILES / INTERSECTION DETAILS / TRAFFIC PLAN
C500-C503	SANITARY SEWER PLAN & PROFILES
C600-C602	STORM SEWER PLAN & PROFILES
C700-C701	WATER PLANS / WATER DETAILS
C800-C806	CONSTRUCTION DETAILS SANITARY STORM STREET

REVISIONS	
SHT.	DESCRIPTION
ALL	REVISED PLANS PER DEVELOPER CHANGES 3/16/05 BAH
ALL	REVISED PLANS PER TAC COMMENTS 4/15/05 BAH
ALL	REVISED SANITARY PER DEVELOPER 5/4/05 BAH
ALL	REVISED PER DEVELOPER 6/22/05 BAH
C500, C501	REVISED PER DEVELOPER 6/26/06 JDH
ALL	AS BUILTS 9/11/06 BAH & DLL

RECORD DRAWING



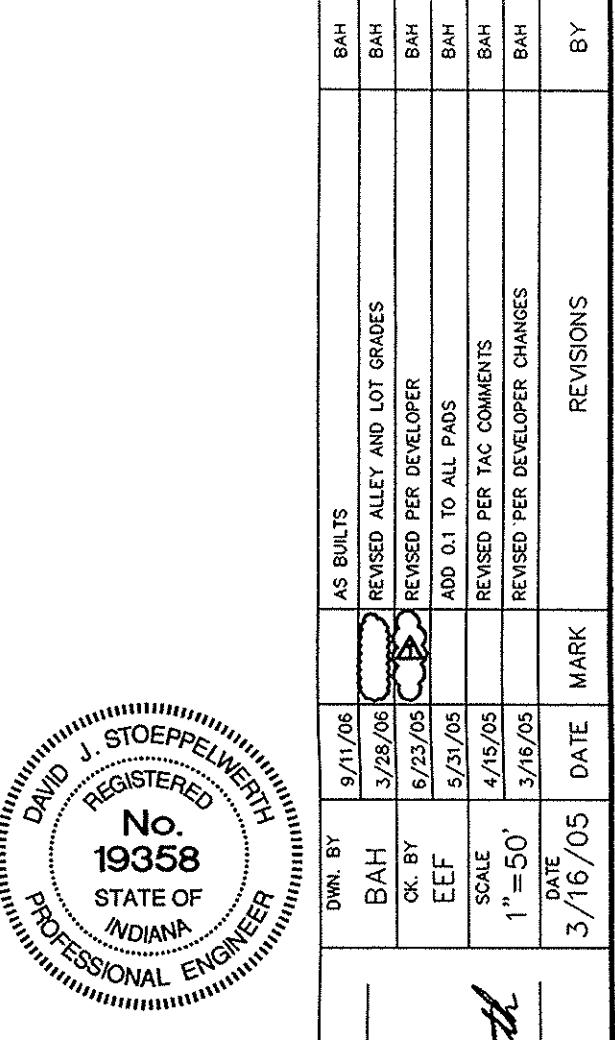
SEE SHEET #C201

Jeff W Darling 9/11/06
JEFFORY W. DARLING
Registered Land Surveyor
No. 900017



DATE

SCALE: 1" = 50'



David J. Stoeppelmyer
3/16/05 DATE

848	EXISTING CONTOUR
849	EXISTING SANITARY SEWER
849	EXISTING STORM SEWER
849	PROPOSED GRADE
849	PROPOSED CONTOUR
849	PROPOSED SANITARY SEWER
849	PROPOSED STORM SEWER
849	PROPOSED SWALE
849	PROPOSED 5' SIDEWALK (BY HOME BUILDER)
	PROPOSED 5' SIDEWALK TO BE INSTALLED BY DEVELOPER

700
897.4

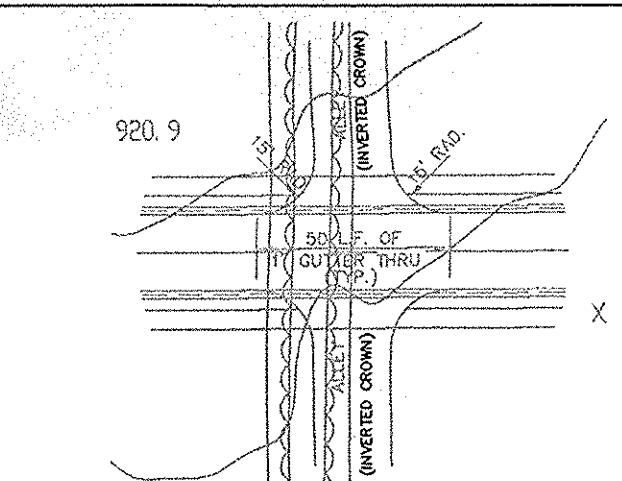
LOT NUMBER

PAD ELEVATION
PAD SIZE 37'x57' LOTS 56 THRU 111
CURB SIZE 45'x60' LOTS 1 THRU 55
(UNLESS OTHERWISE NOTED)

ALL PADS SHOULD BE TESTED TO ASSURE
A COMPACTION OF AT LEAST 95 PERCENT
OF THE MAXIMUM DRY DENSITY USING THE
STANDARD PROCTOR TEST METHOD.

PROPOSED 6" UNDERDRAINS
| 4" S.S.D. LATERS

NOTE: ALL SSD IN DRY DETENTION BASINS TO BE
DOUBLE WALL SMOOTH BORE PERFORATED HDPE PIPE.

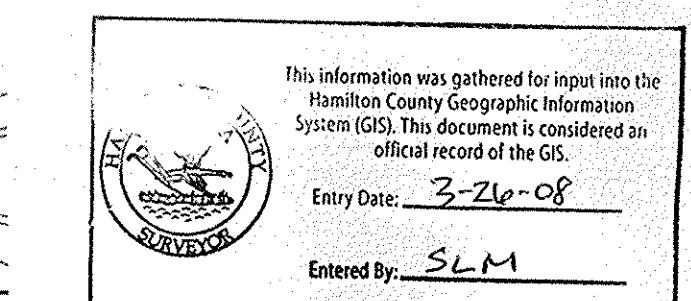


TYPICAL ALLEY / STREET INTERSECTION DETAIL
SCALE: 1"=50'

GENERAL NOTES:

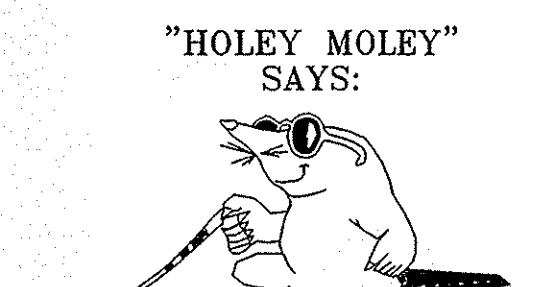
- 1.) ALL INVERTED CROWN PRIVATE DRIVES AND ALLEYS TO HAVE A 6" S.S.D. DOWN CENTER OF STREET.
- 2.) BLUE REFLECTORS SHALL BE INSTALLED IN THE CENTER LINE OF THE PAVEMENT TO MARK FIRE HYDRANTS PER THE TOWN OF WESTFIELD'S UTILITY AND INFRASTRUCTURE CONSTRUCTION STANDARDS.
- 3.) LOTS 56-111 TO BE SLAB CONSTRUCTED. NO SSD LATERS REQUIRED.

NOTE: DECORATIVE SIGNS, SPRINKLER SYSTEMS, TREES, LANDSCAPING MOUNDS, LIGHT POLES, OR OTHER SUCH AMENITIES ARE NOT PERMITTED IN THE RIGHT OF WAY.



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: 3-24-08

Entered By: SLM



1-800-382-5544
CALL TOLL FREE

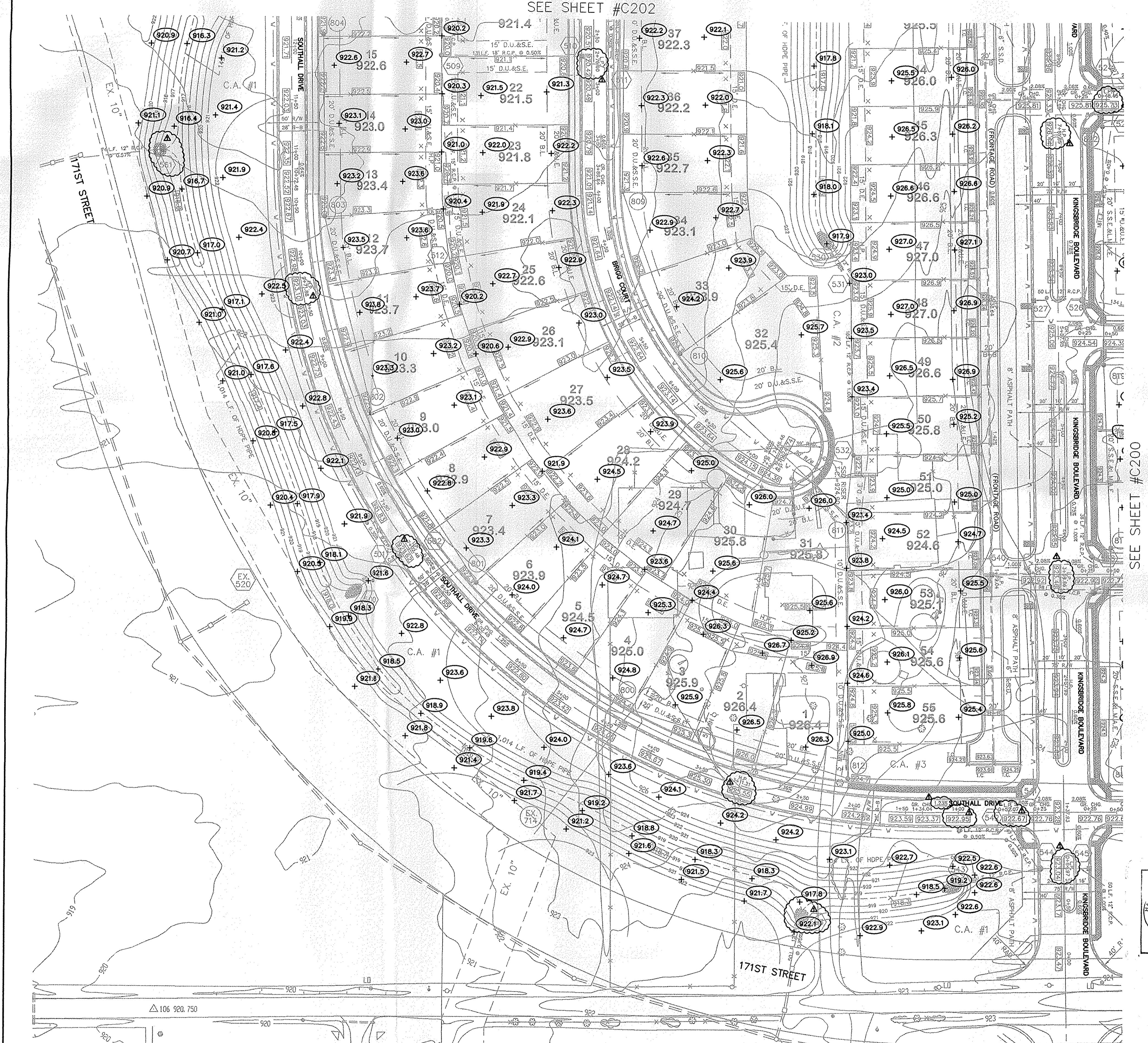
1-800-428-5200
FOR CALLS OUTSIDE OF INDIANA

CAUTION
LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON INFORMATION PROVIDED BY CONTRACTOR, but are limited to manholes, inlets, valves, & marks made upon the ground by others, AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH NO EVIDENCE OF GROUND EVIDENCE FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

SITE DEVELOPMENT PLAN
MAPLE VILLAGE SECTION ONE
WESTFIELD, INDIANA
C200

SHEET NO.
C200

JOB NO. 50690PLA-S



SCALE: 1" = 50'

PROPOSED 5' SIDEWALK TO BE INSTALLED BY DEVELOPER

LOT NUMBER
PAD ELEVATION
PAD SIZE 37'x57' LOTS 56 THRU 111
PAD SIZE 45'x60' LOTS 1 THRU 55
(UNLESS OTHERWISE NOTED)

ALL PADS SHOULD BE TESTED TO ASSURE
A COMPACTION OF AT LEAST 95 PERCENT
OF THE MAXIMUM DRY DENSITY USING THE
STANDARD PROCTOR TEST METHOD.

PROPOSED 6" UNDERDRAINS
1" 4" S.S.D. LATERALS

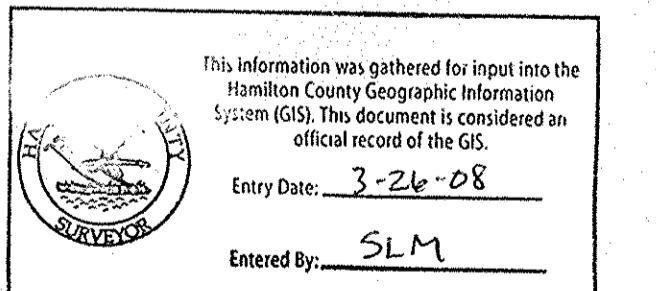
NOTE: ALL SSD IN DRY DETENTION BASINS TO BE
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RECORD DRAWING

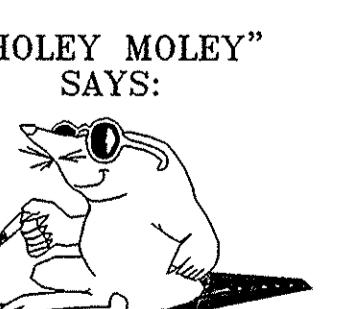
Jeff W Darling
JEFFORY W. DARLING
DATE
Registered Land Surveyor
No. 900017



- GENERAL NOTES:
- 1.) ALL INVERTED CROWN PRIVATE DRIVES AND ALLEYS TO HAVE A 6" S.S.D. DOWN CENTER OF STREET.
 - 2.) BLUE REFLECTORS SHALL BE INSTALLED IN THE CENTER LINE OF THE PAVEMENT TO MARK FIRE HYDRANTS PER THE TOWN OF WESTFIELD'S UTILITY AND INFRASTRUCTURE CONSTRUCTION STANDARDS.
 - 3.) LOTS 56-111 TO BE SLAB CONSTRUCTED. NO SSD LATERALS REQUIRED.



NOTE: DECORATIVE SIGNS, SPRINKLER SYSTEMS, TREES, LANDSCAPING MOUNDS, LIGHT POLES, OR OTHER SUCH AMENITIES ARE NOT PERMITTED IN THE RIGHT OF WAY.



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

LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (INDICATING, BUT NOT LIMITING, TO MARKS, HOLE VOLVES, & MARKS MADE UPON THE GROUND BY OTHERS) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

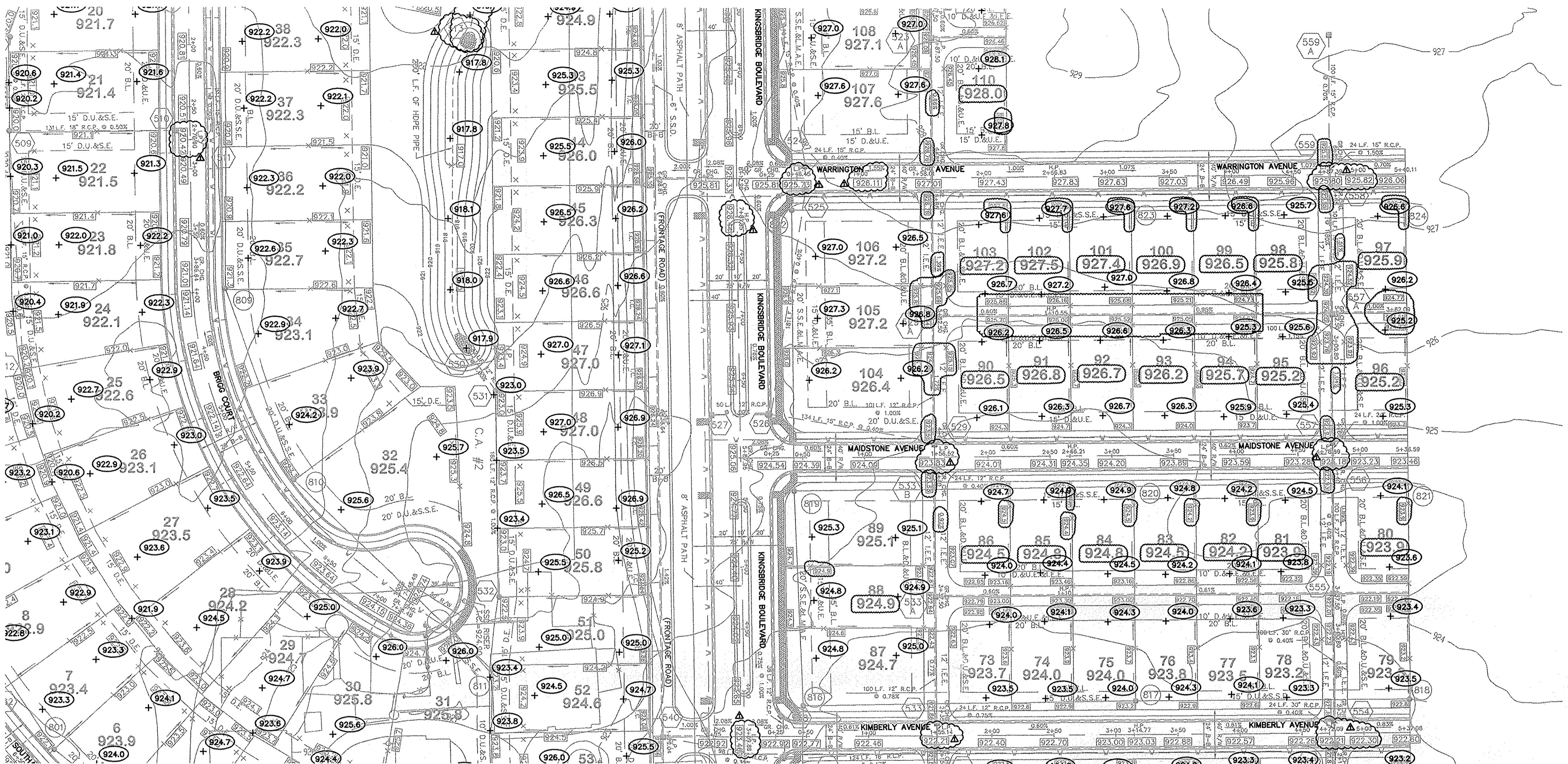
CAUTION

CONSULTING ENGINEERS - LAND SURVEYORS
(317) 849-5935 1-800-728-6917 FAX: (317) 849-5942
INDIANAPOLIS

SITE DEVELOPMENT PLAN
MAPLE VILLAGE SECTION ONE
WESTFIELD

SHEET NO.
C201
JOB NO. 50690PLA-S

DAVID J. STOEPEL, PE, SGT	
REGISTERED STATE OF INDIANA PROFESSIONAL ENGINEER	
No. 19358	
EEF	5/4/05
SCALE	1"=50'
DATE	3/16/05
MARK	BY



SCALE: 1" = 50'

LEGEND

- EXISTING CONTOUR
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- PROPOSED GRADE
- PROPOSED CONTOUR
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED SWALE
- PROPOSED 5' SIDEWALK (BY HOME BUILDER)

PROPOSED 5' SIDEWALK TO BE INSTALLED BY DEVELOPER

**700
897.4**

LOT NUMBER
PAD ELEVATION
PAD SIZE 37'x57' LOTS 56 THRU 111
PAD SIZE 45'x60' LOTS 1 THRU 55
(UNLESS OTHERWISE NOTED)

ALL PADS SHOULD BE TESTED TO ASSURE A COMPACTION OF AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY USING THE STANDARD PROCTOR TEST METHOD.

PROPOSED 6" UNDERDRAINS
 4" S.S.D. LATERALS

NOTE: ALL SSD IN DRY DETENTION BASINS TO BE DOUBLE WALL SMOOTH BORE PERFORATED HDPE PIPE.

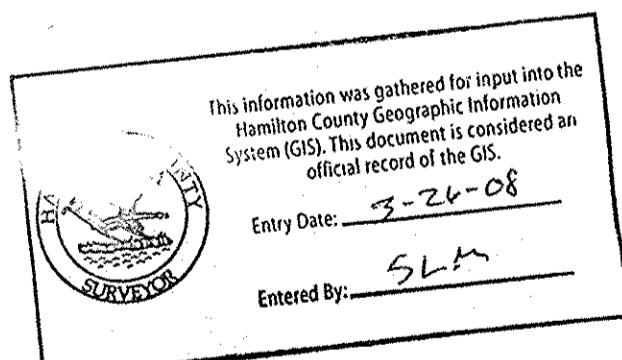
GENERAL NOTES:

- 1.) ALL INVERTED CROWN PRIVATE DRIVES AND ALLEYS TO HAVE A 6" S.S.D. DOWN CENTER OF STREET.
- 2.) BLUE REFLECTORS SHALL BE INSTALLED IN THE CENTER LINE OF THE PAVEMENT TO MARK FIRE HYDRANTS PER THE TOWN OF WESTFIELD'S UTILITY AND INFRASTRUCTURE CONSTRUCTION STANDARDS.
- 3.) LOTS 56-111 TO BE SLAB CONSTRUCTED. NO SSD LATERALS REQUIRED.

NOTE: DECORATIVE SIGNS, SPRINKLER SYSTEMS, TREES, LANDSCAPING MOUNDS, LIGHT POLES, OR OTHER SUCH AMENITIES ARE NOT PERMITTED IN THE RIGHT OF WAY.

RECORD DRAWING

9/11/06
JEFFORY W. DARLING
Registered Land Surveyor
No. 900017



"HOLEY MOLEY"
SAYS:



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

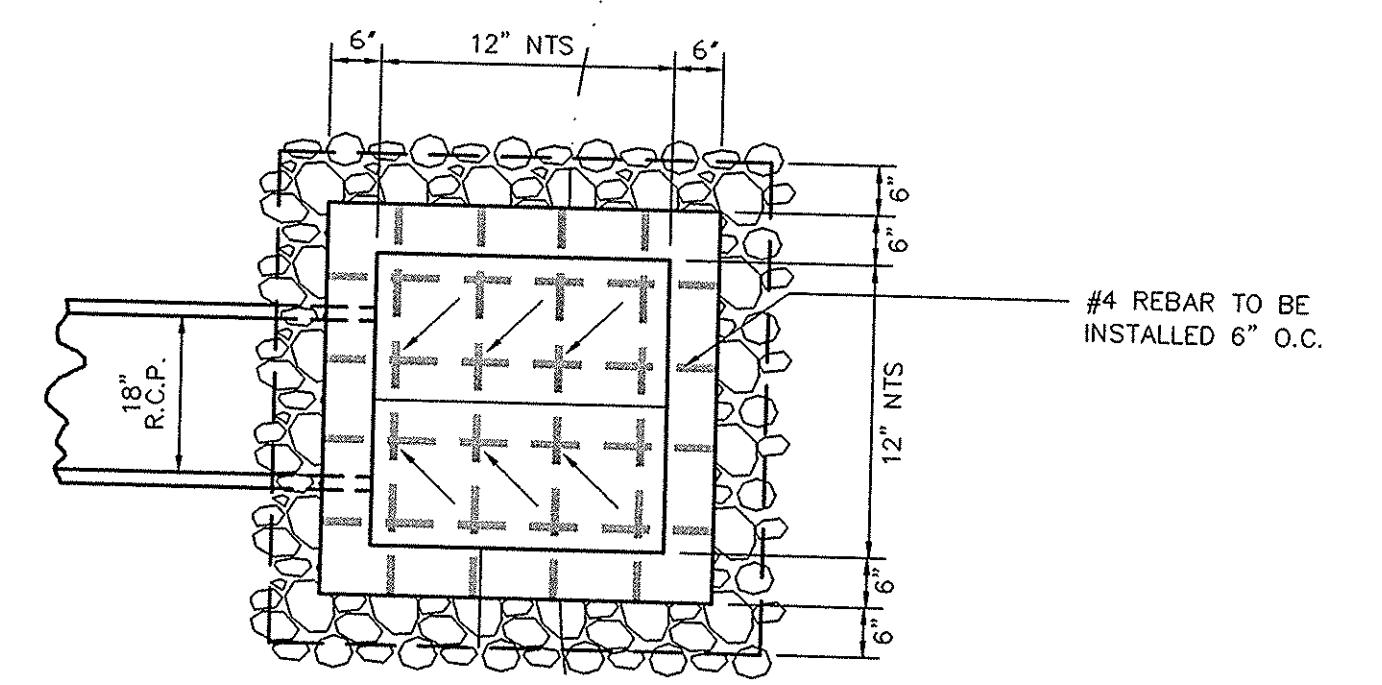
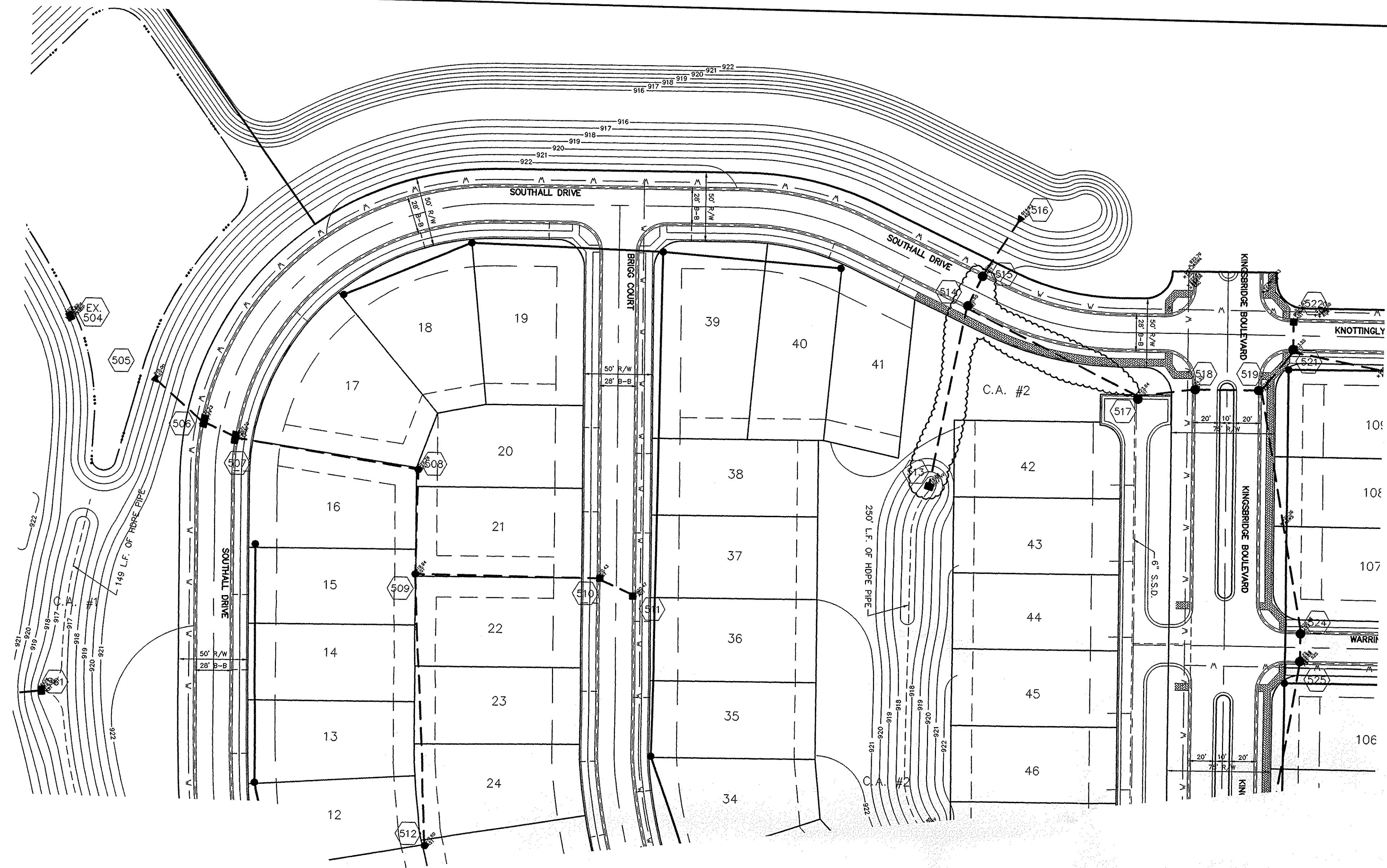
CAUTION:
LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE, (including, but not limited to, roads, driveways, walls, trees, poles, manholes, etc.), valves & more, made up by the ground by man and are speculative in nature. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE. THE EXACT LOCATION OF THE EXISTING UNDERGROUND UTILITIES WAS OBSERVED. THE EXACT LOCATIONS OF SAD EXISTING UNDERGROUND UTILITIES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

SITE DEVELOPMENT PLAN

MAPLE VILLAGE SECTION ONE
WESTFIELD, INDIANA

SHEET NO.
C202
JOB NO. 50690PLA-S

DAVID J. STOEPPELMAYER	REGISTERED PROFESSIONAL ENGINEER
No. 19358	STATE OF INDIANA
DATE 3/16/05	REV. SANITARY & STORM SEWER CHANGES
REVISED PER DEVELOPER	REV. DUE TO ALL PADS
EEF	5/20/05
DATE 3/16/05	REVISED PER DEVELOPER CHANGES
MARK	REVISIONS



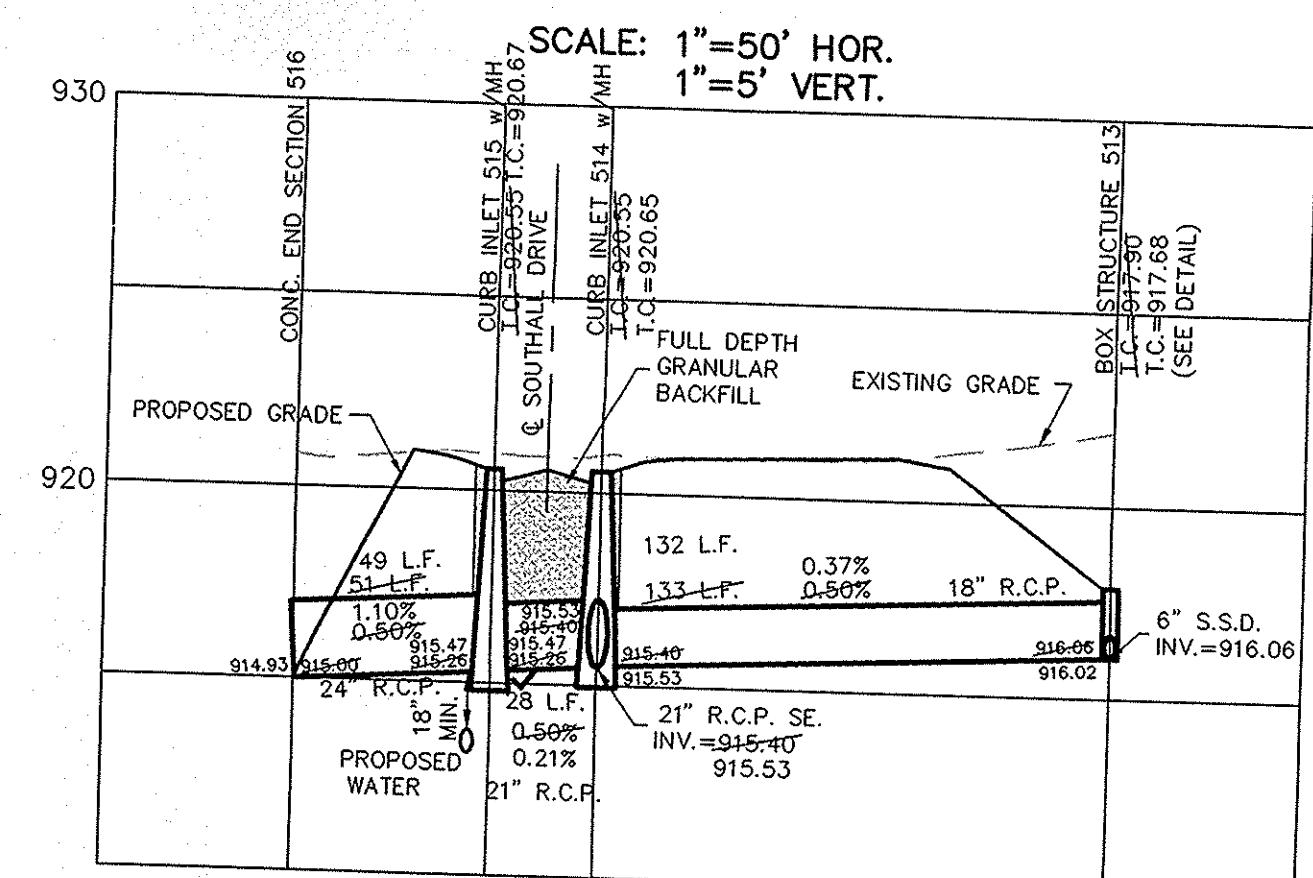
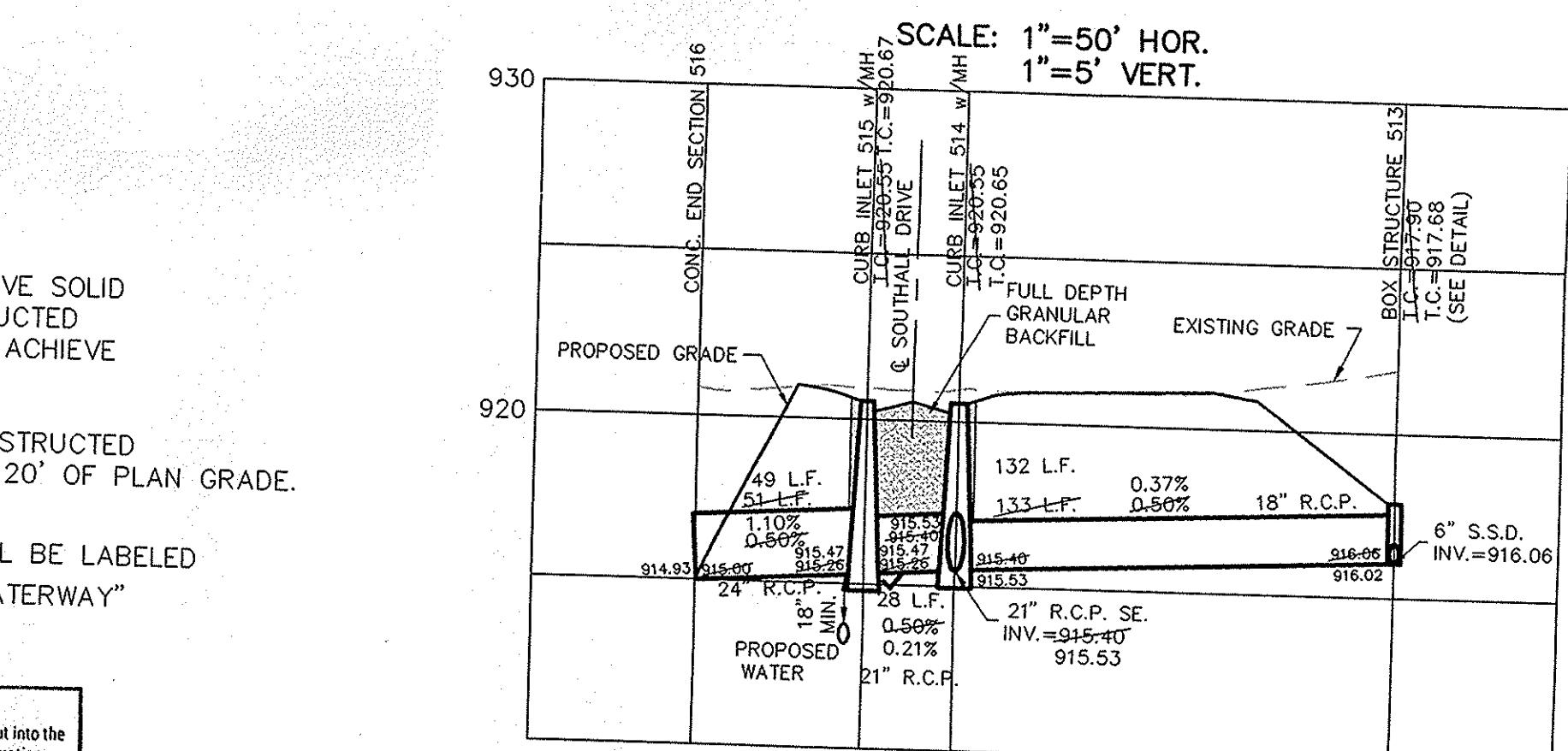
DAVID HUBBELL
PROFESSIONAL LAND SURVEYOR
NO. 12528
INDIANA

CONSULTING ENGINEERS - LAND SURVEYORS
(317) 849-5935 1-800-728-6917 FAX:(317) 849-5942
FISHERS INDIANA

STORM PLAN & PROFILES
MAPLE VILLAGE SECTION ONE
WESTFIELD INDIANA

SHEET NO. C600
JOB NO. 50690PLA-S1
DRAFTED BY: JEFF W. DARLING
REVIEWED BY: JEFF W. DARLING
APPROVED BY: JEFF W. DARLING
DATE: 7/17/06
SCALE: 1"=50'

SPECIAL STRUCTURE NO. 513 DETAIL
NOT TO SCALE



PIPE SIZE	STRUCTURES LESS THAN 48" FROM T/C TO INVERT		STRUCTURES GREATER THAN 48" FROM T/C TO INVERT		ANGLE AND QUANTITY OF PIPES WILL REQUIRE SPECIAL DESIGN	STEPS REQUIRED	CURB CASTING #3501 TL & TR	CASTING #3501 TL & TR
	DESIGN APPROVAL	REQUIREMENT	DESIGN APPROVAL	REQUIREMENT				
12" to 18"	24"x24"					No	Yes	Yes
12" to 21"	30"x30"					No	Yes	Yes
18" to 21"	MH/BOX					Yes	Yes	Yes
21" to 27"	24"x36"					No	No	Yes
12" to 24"	36"x36"					No	Yes	Yes
24" OR LARGER	DESIGN APPROVAL					No	No	Yes
	MH/BOX					Yes**	Yes	Yes

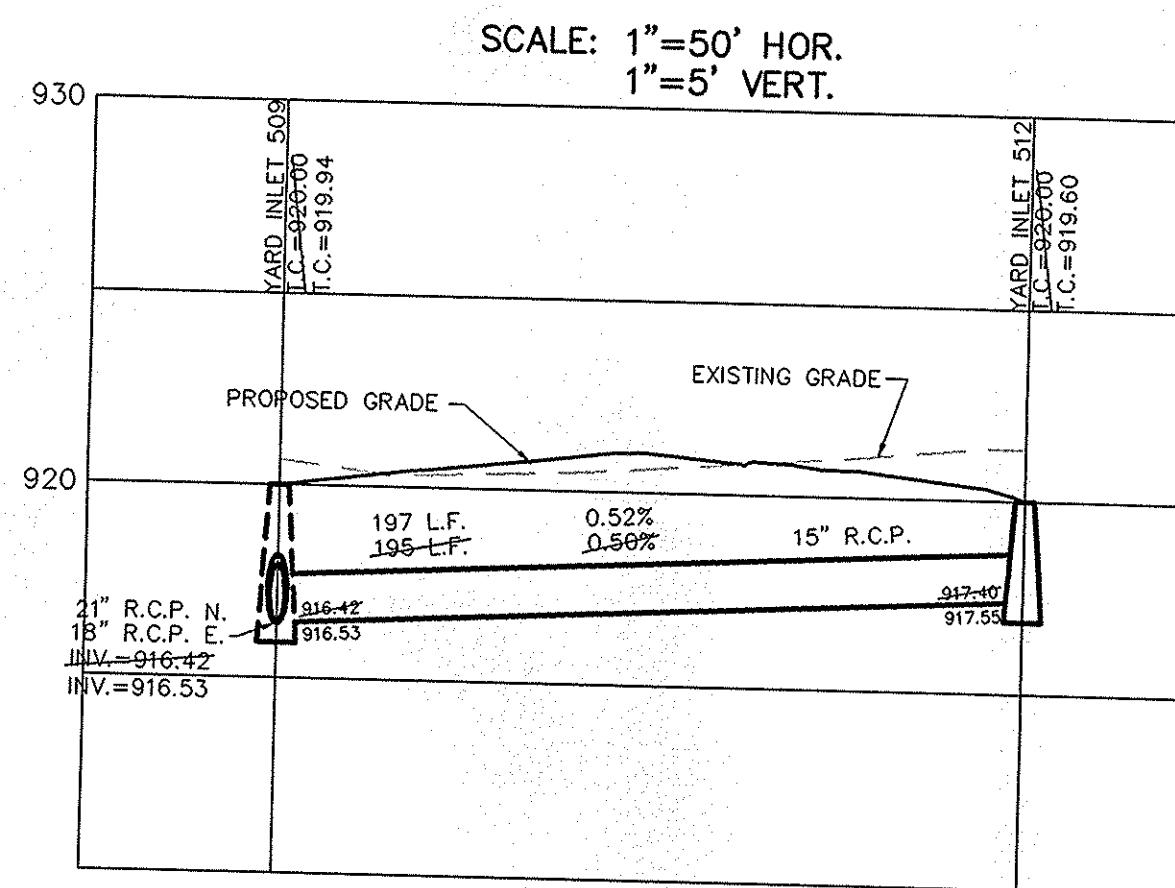
* PIPES LONGER THAN 18" CAN BE USED IN THE 2" SIDE OF THIS BOX

** INCOMING AND OUT GOING PIPES EFFECT STEPS IN THIS STRUCTURE

SPECIAL NOTE:
STRUCTURES LONGER THAN 48" FROM T/C TO INVERT WILL BE A MH. OR A BOX WITH STEPS UNLESS SPECIAL DESIGN IS APPROVED.

SPECIAL NOTE:
STRUCTURES WILL BE DESIGNED FOR MAXIMUM FLOW IN PIPES

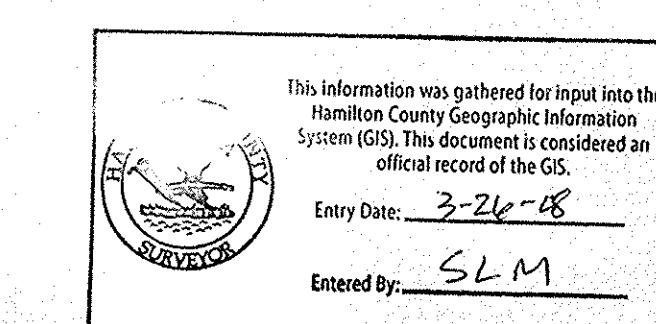
SPECIAL NOTE:
CONTRACTOR MAY REQUIRE STEPS TO BE INSTALLED AFTER STRUCTURE IS SET, TO IMPROVE ACCESS.



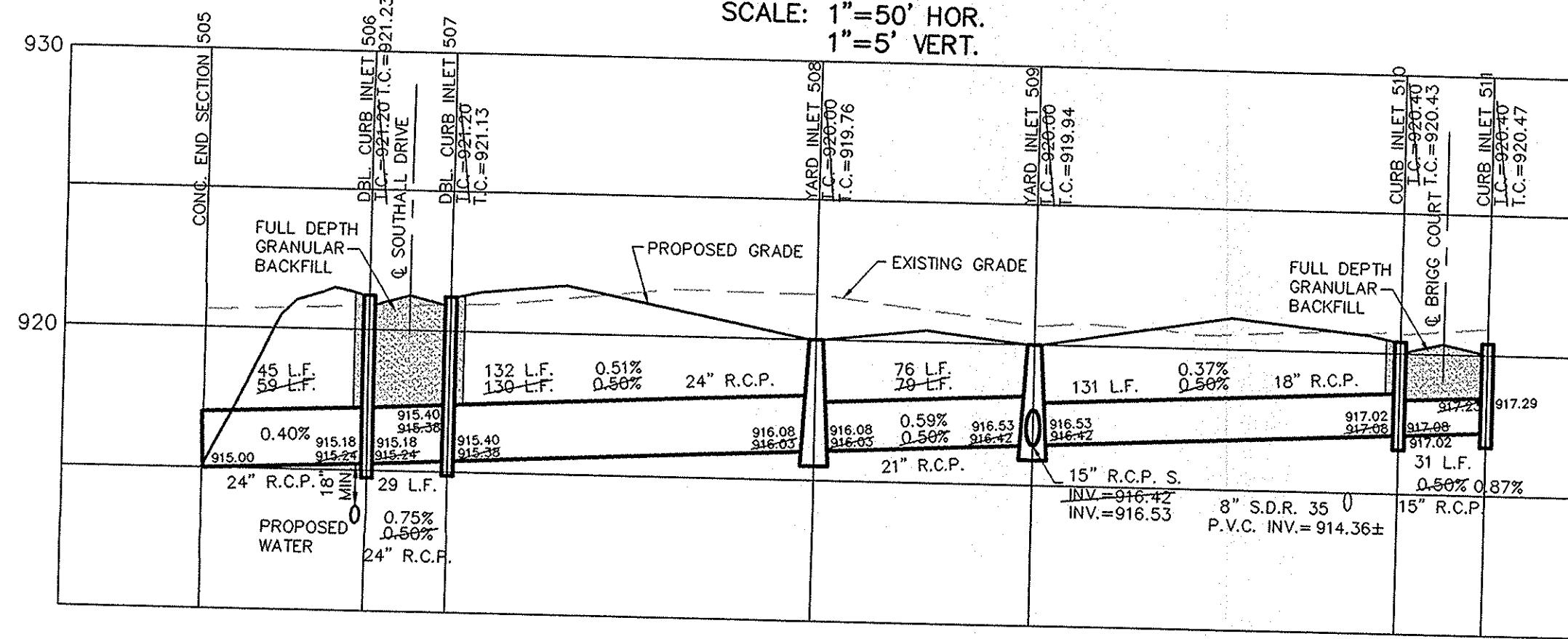
NOTE: ALL STORM STRUCTURES TO RECEIVE SOLID LID CASTINGS ARE TO BE CONSTRUCTED TO PROVIDE 1"-4" RISER RING TO ACHIEVE PLAN RIM GRADE.

ALL YARD INLETS ARE TO BE CONSTRUCTED AT A TOLERANCE OF +0.00' TO 0.20' OF PLAN GRADE.

ALL STORM SEWER CASTINGS SHALL BE LABELED "DUMP NO WASTE-DRAINS TO WATERWAY"

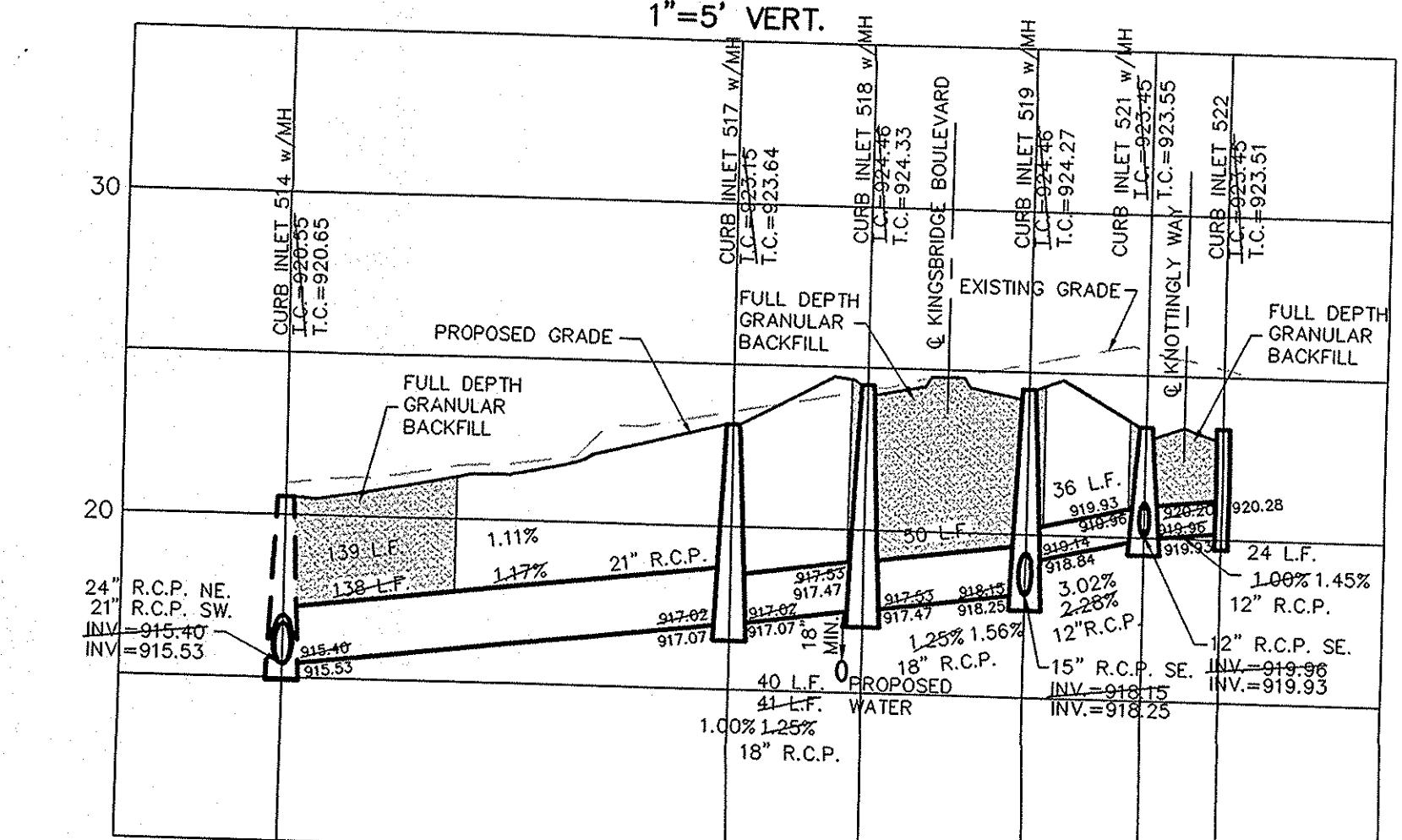
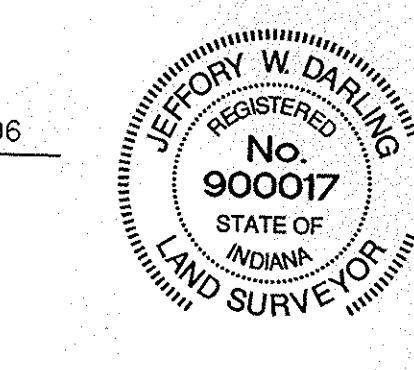


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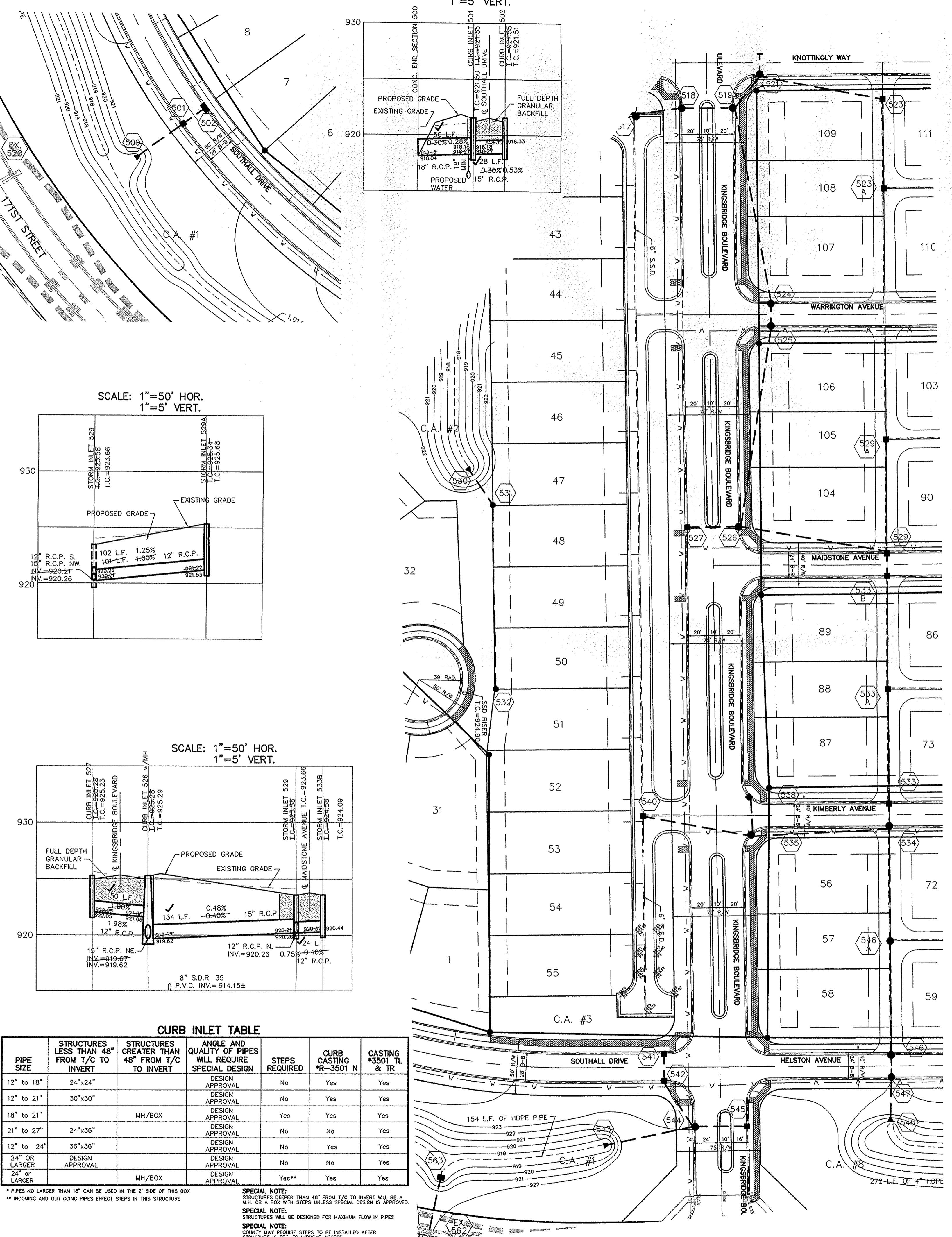


RECORD DRAWING

JEFF W. DARLING
Registered Land Surveyor
No. 900017
DATE: 7/17/06



RECORD DRAWING



Jeff W Darling
JEFFERY W. DARLING
Registered Land Surveyor
No. 900017
STATE OF
INDIANA
SURVEYOR

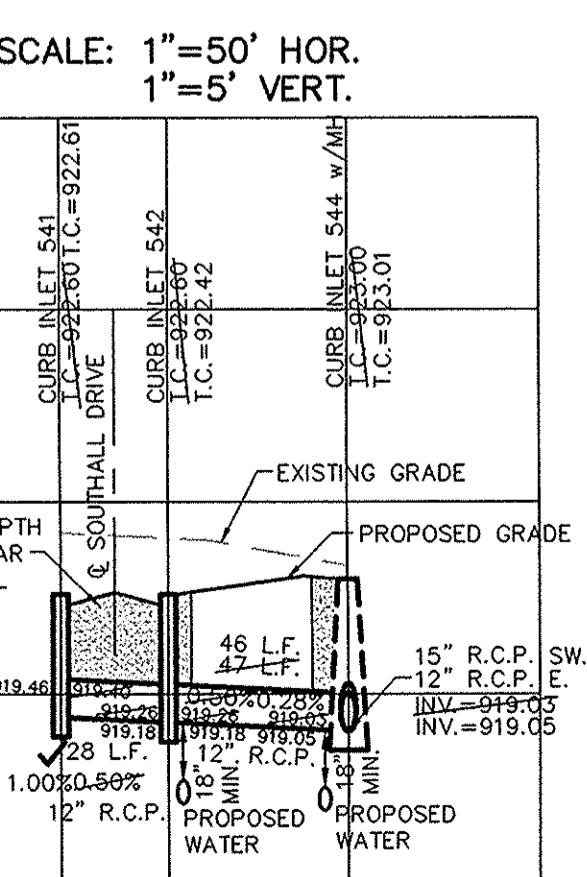
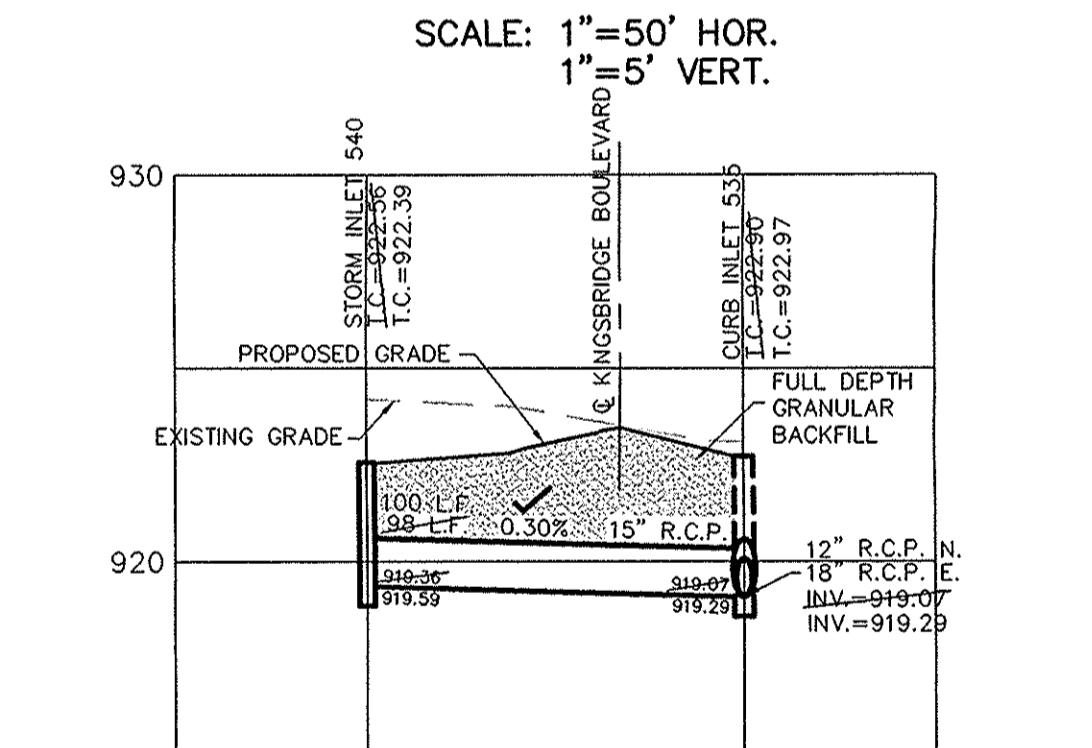
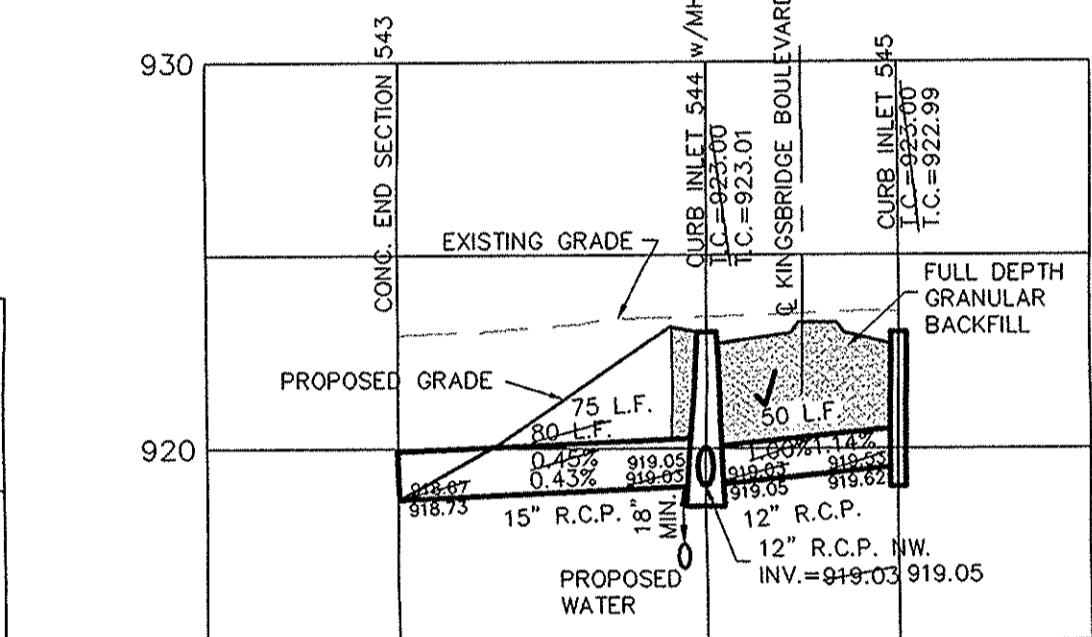
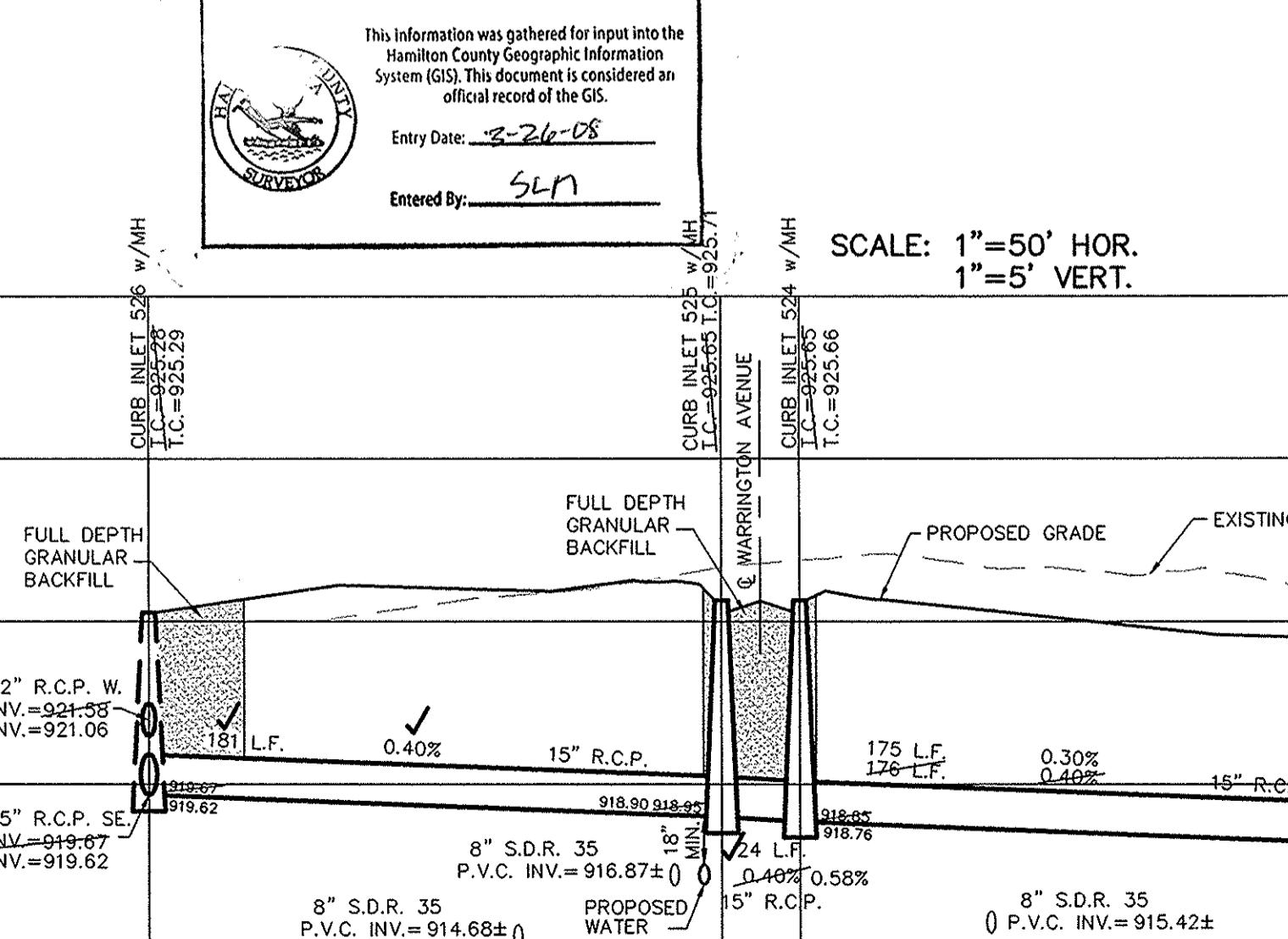
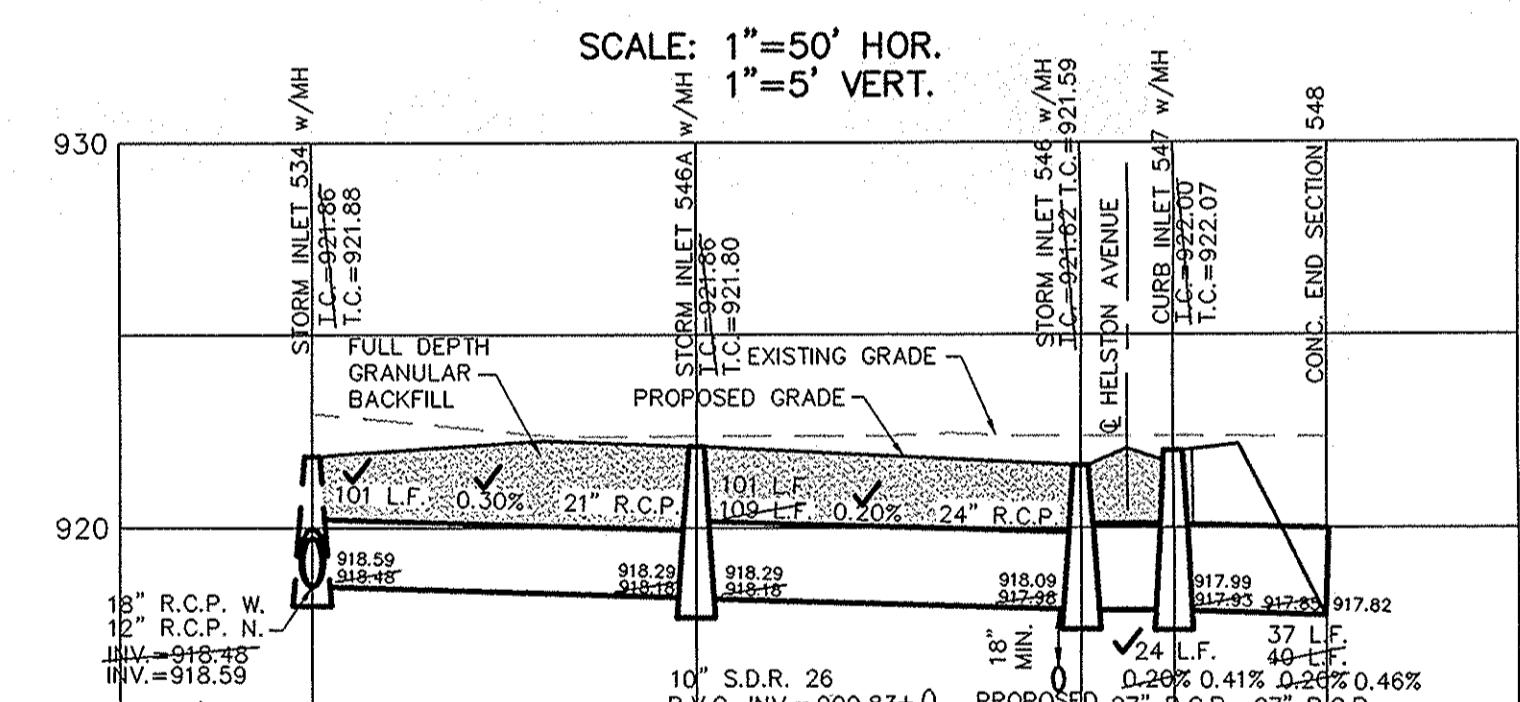
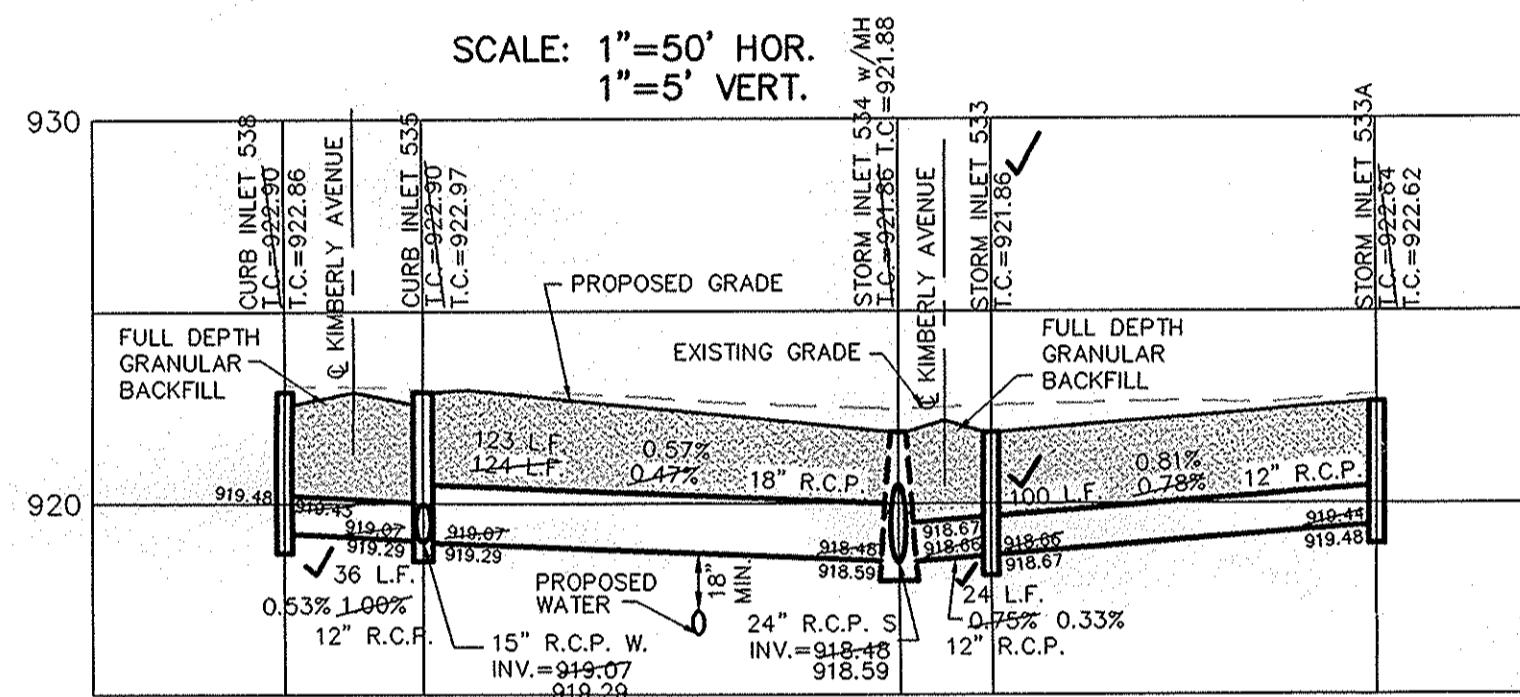
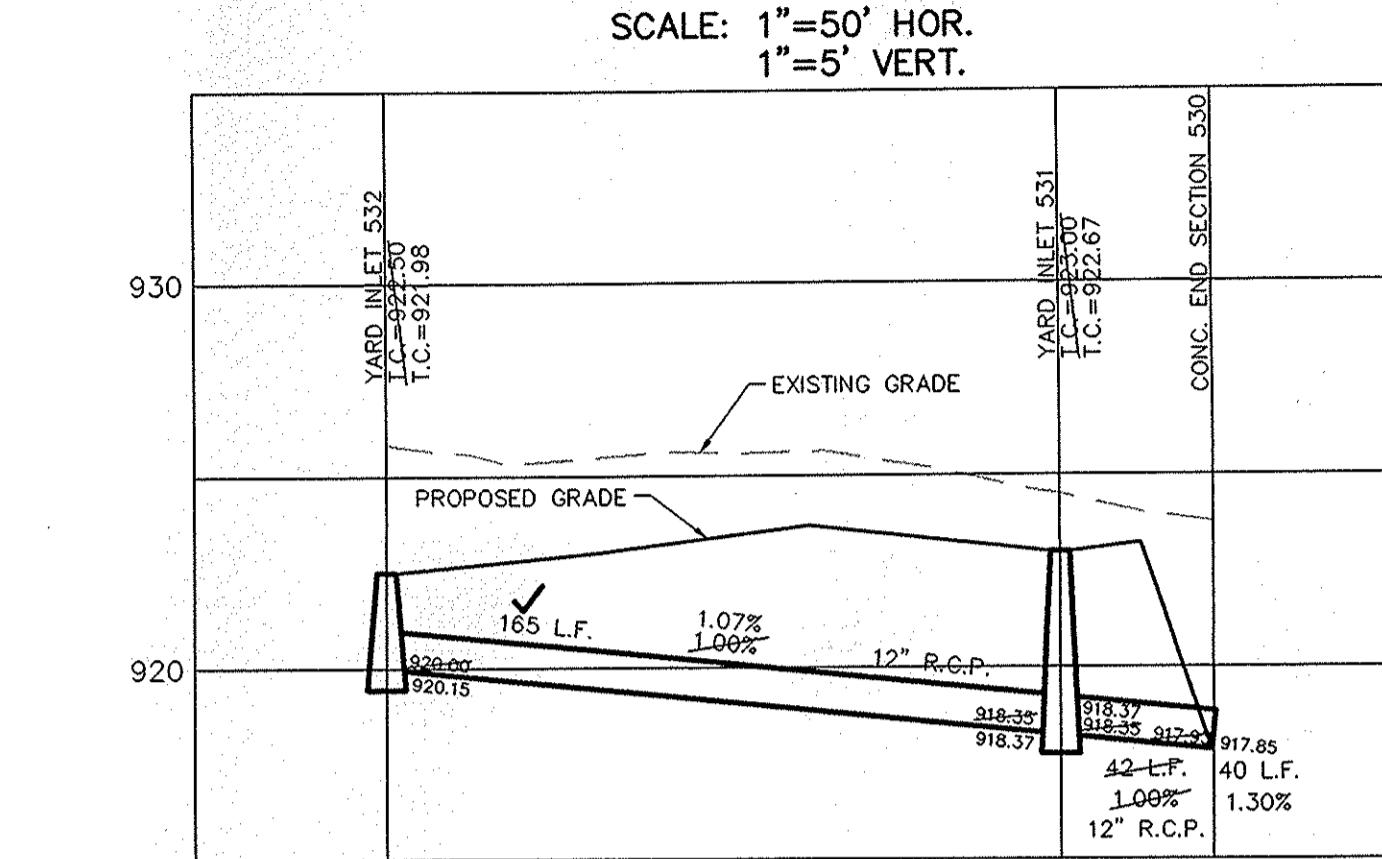
7/17/06
DATE



NOTE: ALL STORM STRUCTURES TO RECEIVE SOLID LID CASTINGS ARE TO BE CONSTRUCTED TO PROVIDE 1'-4" RISER RING TO ACHIEVE PLAN RIM GRADE.

ALL YARD INLETS ARE TO BE CONSTRUCTED AT A TOLERANCE OF +0.00' TO 0.20' OF PLAN GRADE.

ALL STORM SEWER CASTINGS SHALL BE LABELED "DUMP NO WASTE-DRAINS TO WATERWAY"



STORM PLAN & PROFILES

CONSULTING ENGINEERS – LAND SURVEYORS
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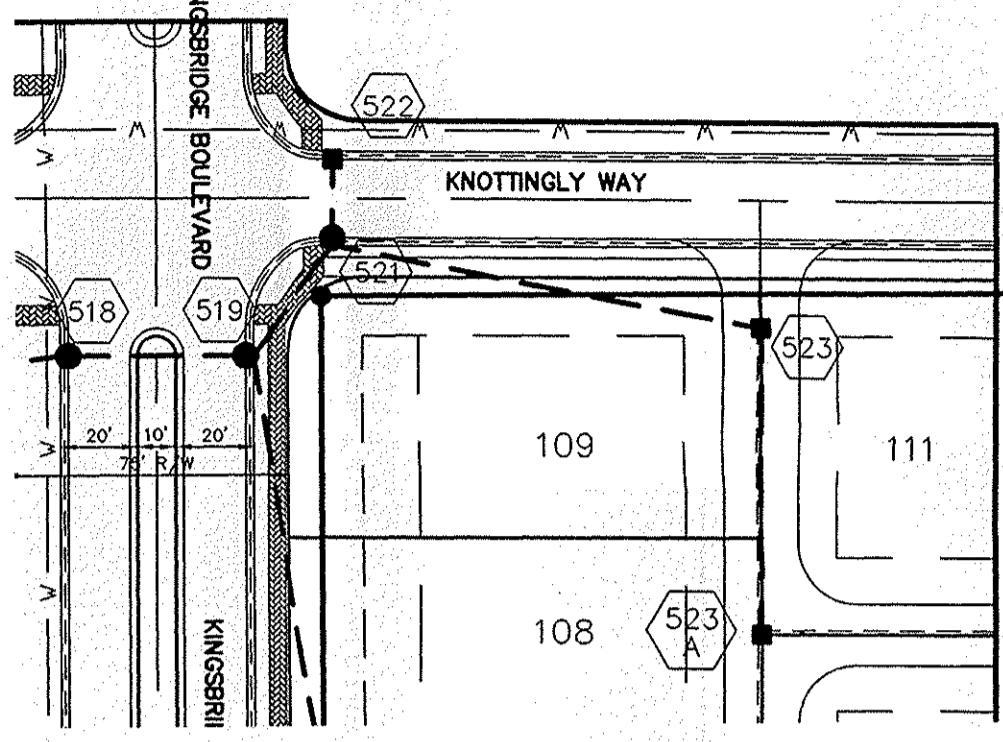
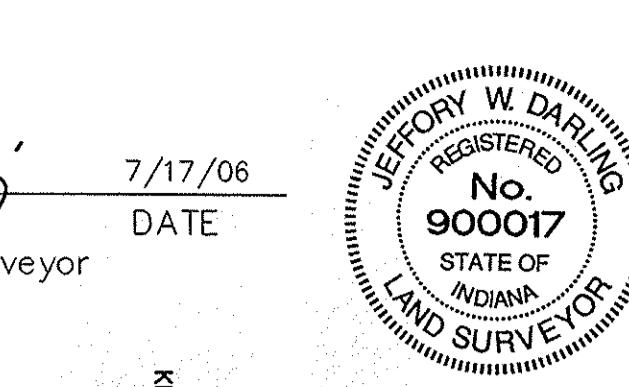
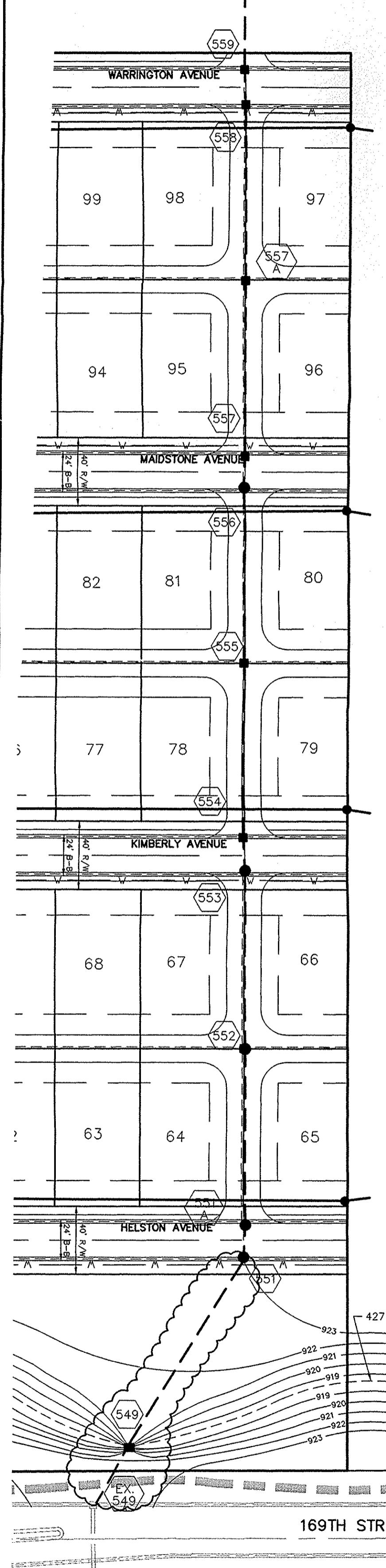
MAPLE VILLAGE SECTION ONE

WESTFIELD
INDIANA
C601
JOB NO. 50690PLA-S1

SCALE: 1"=50' H.O.R. 1"=5' VERT.	DRAWN BY: BAH cc ev EEF REvised T.C.s per ALLEY GRADE CHANGES REvised PER DEVELOPER CHANGES REvised PER DEVELOPER CHANGES
7/17/06 DATE	3/16/05 DATE
3/16/05 DATE	3/16/05 DATE
3/16/05 DATE	3/16/05 DATE

SCALE: 1"=50' H.O.R. 1"=5' VERT.	DRAWN BY: BAH cc ev EEF REvised T.C.s per ALLEY GRADE CHANGES REvised PER DEVELOPER CHANGES REvised PER DEVELOPER CHANGES
7/17/06 DATE	3/16/05 DATE
3/16/05 DATE	3/16/05 DATE
3/16/05 DATE	3/16/05 DATE

RECORD DRAWING



CURB INLET TABLE

PIPE SIZE	STRUCTURES LESS THAN 48" FROM T/C TO INVERT	STRUCTURES GREATER THAN 48" FROM T/C TO INVERT	ANGLE & QUALITY OF PIPES WILL REQUIRE SPECIAL DESIGN	STEPS REQUIRED	CURB CASTING #R-3501 TL & TR	CASTING #3501 TL & TR
12" to 18"	24"x24"		DESIGN APPROVAL	No	Yes	Yes
12" to 21"	30"x30"		DESIGN APPROVAL	No	Yes	Yes
18" to 21"		MH/BOX	DESIGN APPROVAL	Yes	Yes	Yes
21" to 27"	24"x36"		DESIGN APPROVAL	No	No	Yes
12" to 24"	36"x36"		DESIGN APPROVAL	No	Yes	Yes
24" OR LARGER	DESIGN APPROVAL	MH/BOX	DESIGN APPROVAL	No	Yes	Yes
24" OR LARGER			DESIGN APPROVAL	Yes**	Yes	Yes

* PIPES LONGER THAN 18" CAN BE USED IN THE 2" SIDE OF THIS BOX.
** INCOMING AND OUT COMING PIPES EFFECT STEPS IN THIS STRUCTURE.

SPECIAL NOTE:
STRUCTURES DEEPER THAN 48" FROM T/C TO INVERT WILL BE A MAXIMUM OF 18" DEEP, UNLESS SPECIAL DESIGN IS APPROVED.

SPECIAL NOTE:
STRUCTURES WILL BE DESIGNED FOR MAXIMUM FLOW IN PIPES.

SPECIAL NOTE:
COUNTY MAY REQUIRE STEPS TO BE INSTALLED AFTER STRUCTURE IS SET, TO IMPROVE ACCESS.

NOTE:

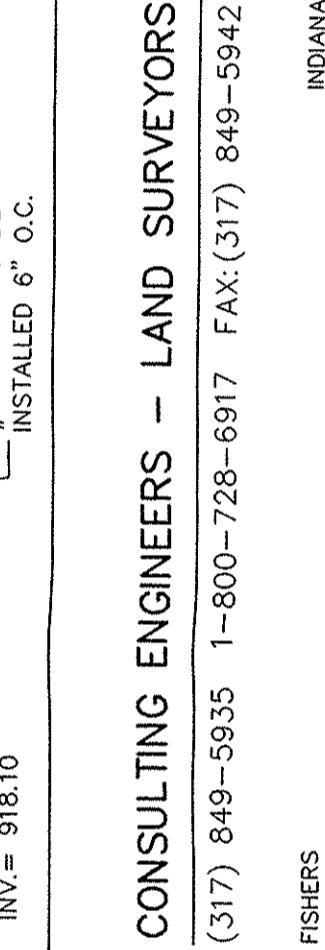
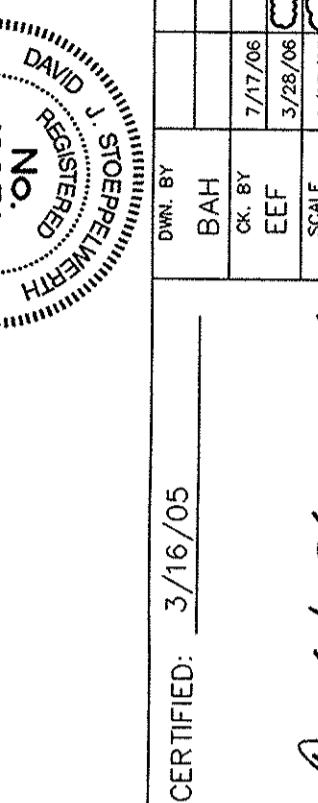
ALL STORM STRUCTURES TO RECEIVE SOLID LID CASTINGS ARE TO BE CONSTRUCTED TO PROVIDE 1"-4" RISER RING TO ACHIEVE PLAN RIM GRADE.

ALL YARD INLETS ARE TO BE CONSTRUCTED AT A TOLERANCE OF +0.00' TO -0.20' OF PLAN GRADE.

ALL STORM SEWER CASTINGS SHALL BE LABELED "DUMP NO WASTE-DRAINS TO WATERWAY"

NOTE:
CONTRACTOR SHALL VERIFY PROPER METHOD OF ATTACHING TO OUTLET STRUCTURE PRIOR TO FABRICATION & INSTALLATION

SCALE: 1" = 50'



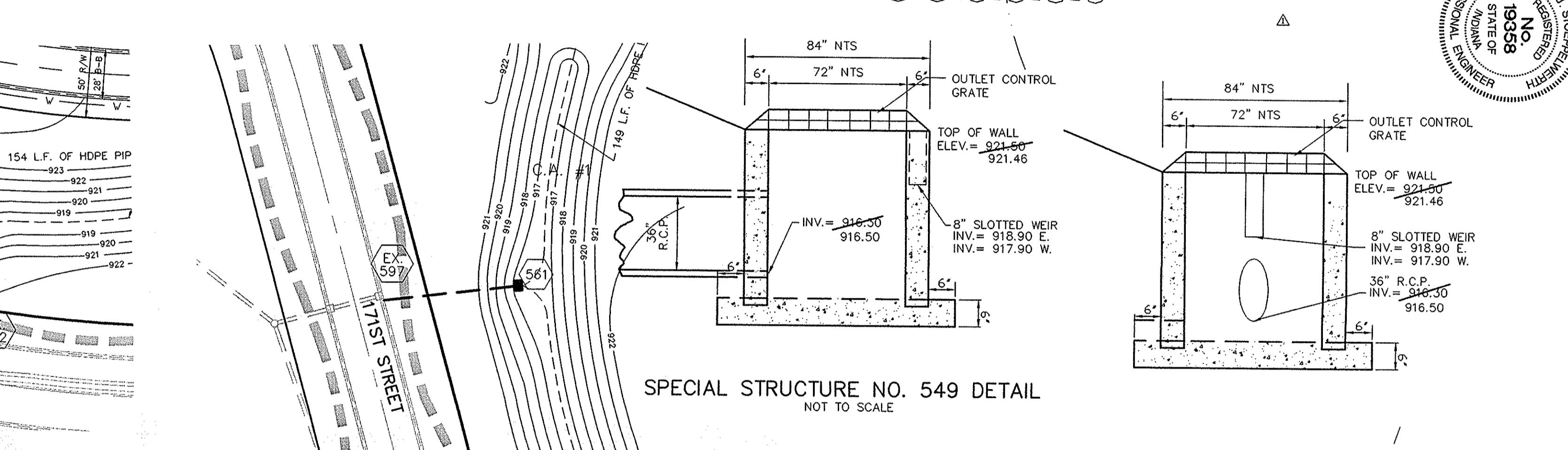
STORM PLAN & PROFILES

MAPLE VILLAGE SECTION ONE
WESTFIELD, INDIANA

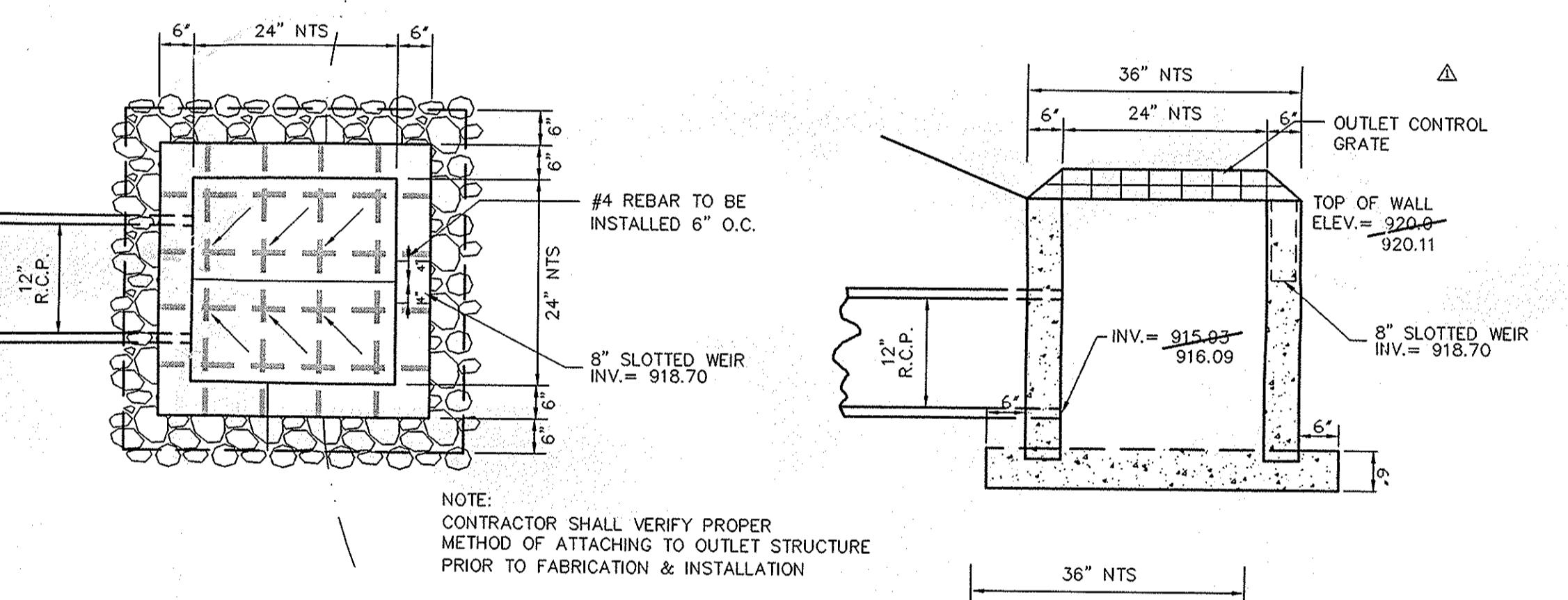
SHEET NO.

C602

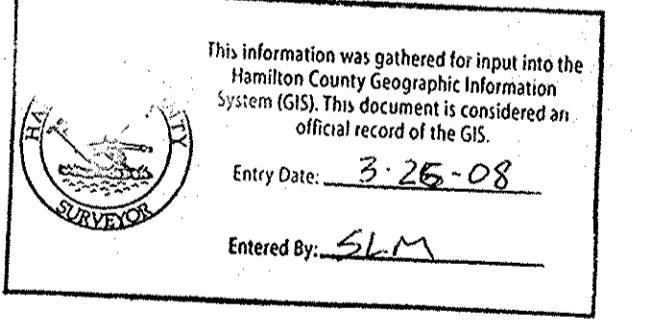
JOB NO. 50690PLA-S1



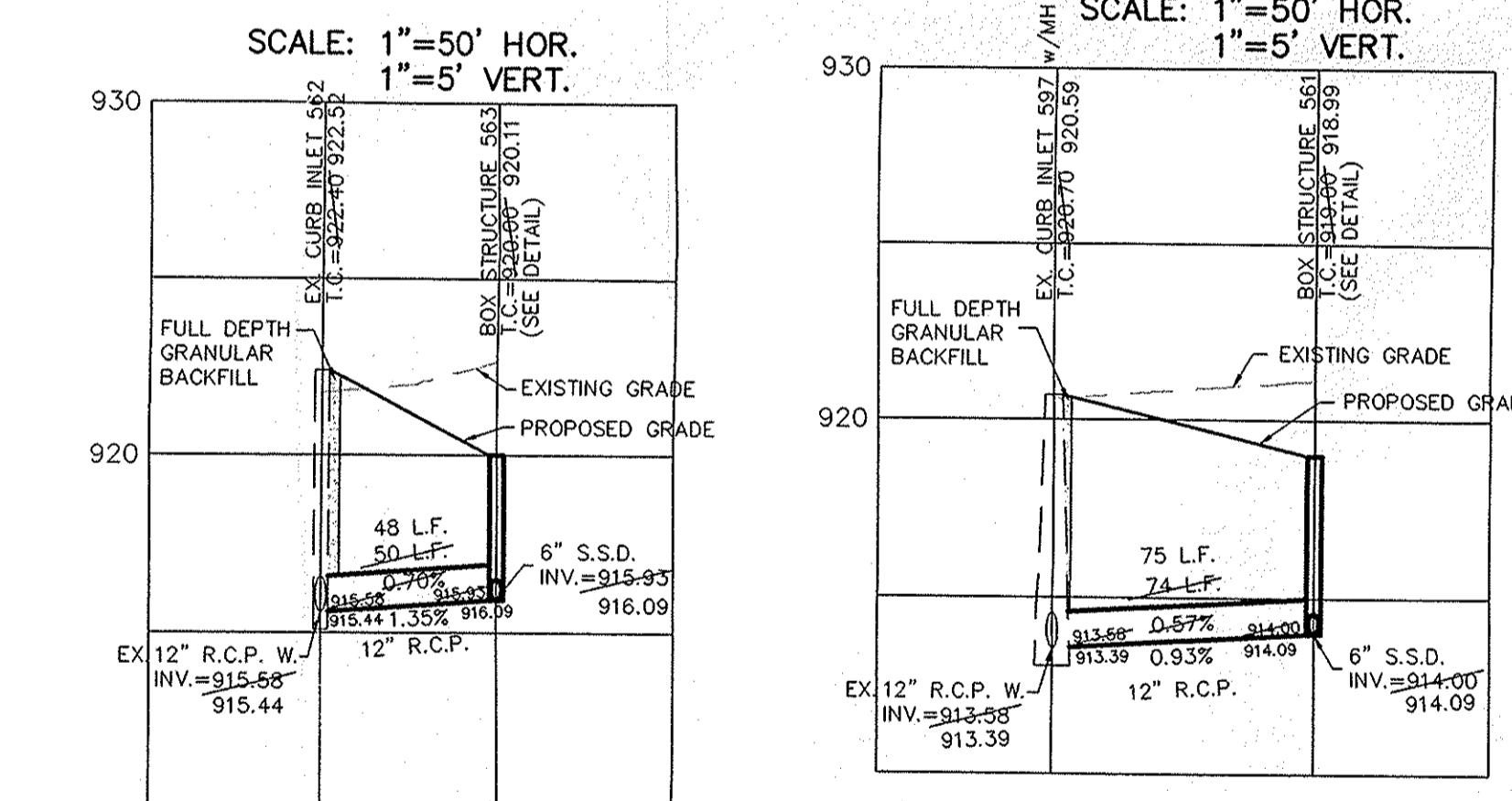
SPECIAL STRUCTURE NO. 549 DETAIL
NOT TO SCALE



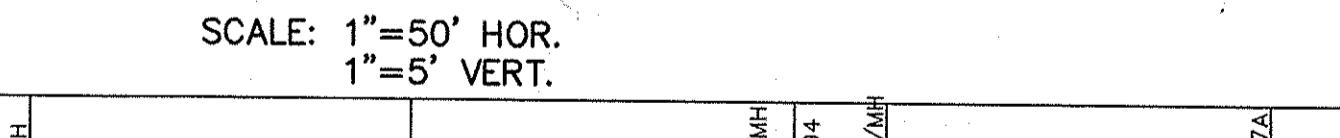
SPECIAL STRUCTURE NO. 563 DETAIL
NOT TO SCALE



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

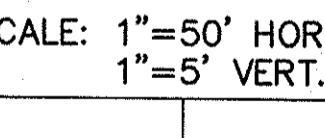


SCALE: 1"=50' HOR.
1"=5' VERT.



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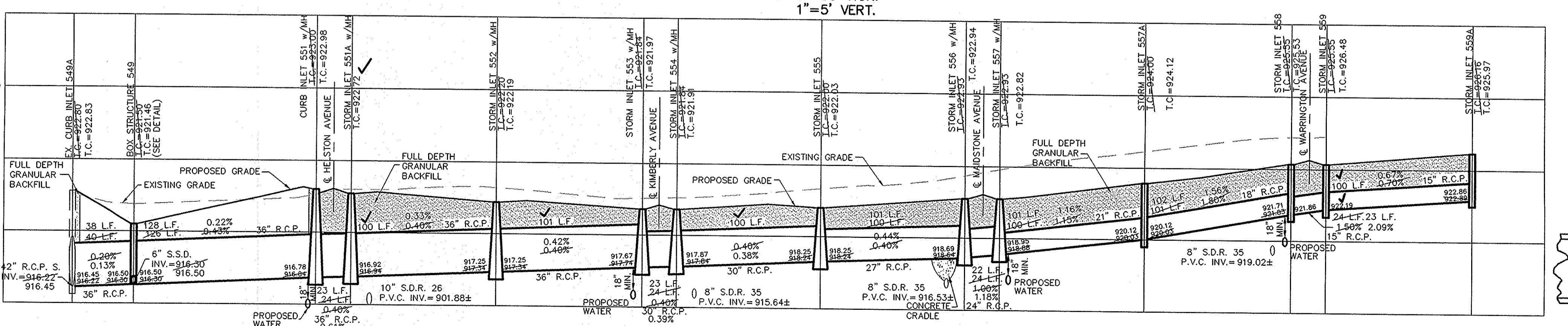
Entered by: SLM



Entered by: SLM

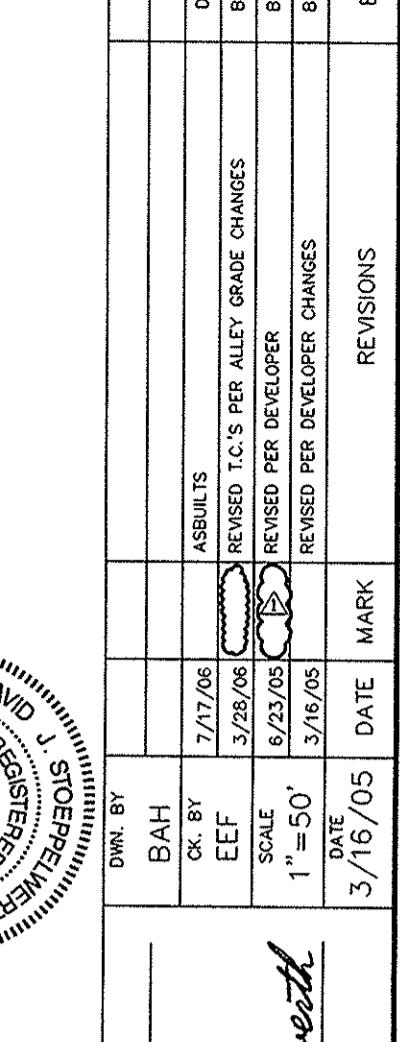
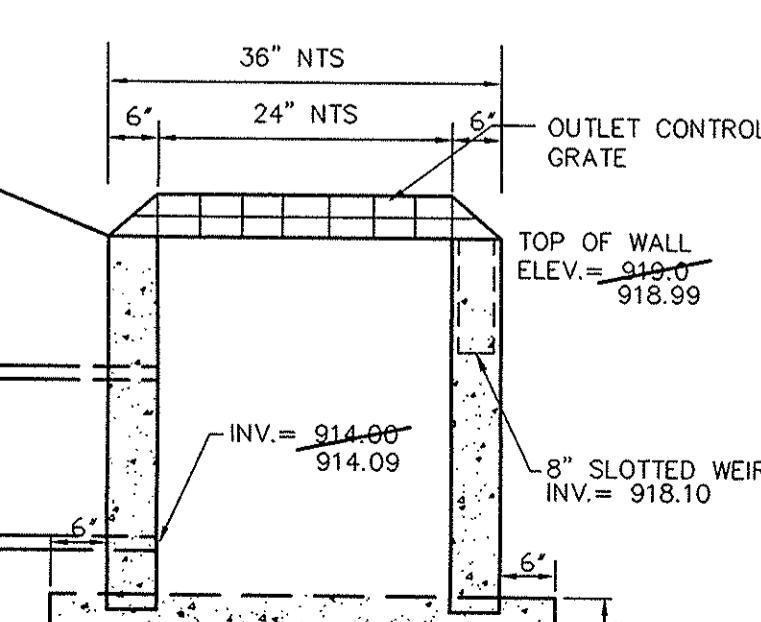


Entered by: SLM



SPECIAL STRUCTURE NO. 561 DETAIL
NOT TO SCALE

NOTE:
CONTRACTOR SHALL VERIFY PROPER METHOD OF ATTACHING TO OUTLET STRUCTURE PRIOR TO FABRICATION & INSTALLATION



CERTIFIED: 3/16/05
By: David J. Stebbins, PE
INDIANA

CONSULTING ENGINEERS – LAND SURVEYORS
(317) 849-5935 1-800-728-6917 FAX: (317) 849-5942

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