

Drain: SADDLE CREEK **Drain #:** 295
Improvement/Arm: SECTION 12
Operator: JDH **Date:** 6-21-04
Drain Classification: Urban/Rural **Year Installed:** 2003

GIS Drain Input Checklist

- Pull Source Documents for Scanning JDH
- Digitize & Attribute Tile Drains _____
- Digitize & Attribute Storm Drains _____
- Digitize & Attribute SSD _____
- Digitize & Attribute Open Ditch _____
- Stamp Plans _____
- Sum drain lengths & Validate _____
- Enter Improvements into Posse JDH
- Enter Drain Age into Posse [Signature]
- Sum drain length for Watershed in Posse [Signature]
- Check Database entries for errors _____

DRAIN: #295 SADDLE CREEK
 IMPROVEMENT-ARM: SADDLE CREEK 12
 HEARING DATE: Nov 24, 2003
 DRAIN BOOK & PAGE: BK 7 pg 267-269

Installed 2003

FINAL REPORT CHECKLIST

- RELEASE BONDS 9-26-05
- NON-ENFORCEMENT ✓
- ENG CERT OF CC 2-23-06
8-11-05
- ASBUILTS 8-11-05
- FIGURE PIPE LENGTHS ✓
- ENTER INTO GIS ✓
- WRITE FINAL REPORT 9-26-07
- ENTER INTO POSSE ✓ Do
- ENTER INTO GASB 34 SPREADSHEET ✓ Do
- SCAN SURVEYOR'S REPORTS ✓
- EMAIL WORD FILES TO LYNNETTE ✓
- COPIES OF REPORTS TO LYNNETTE _____

Chariots Whips

| | |
|--------------|-------|
| 350 ✓ | 213 ✓ |
| 348 ✓ | 210 ✓ |
| 358 ✓ | 215 ✓ |
| 358 ✓ | 182 ✓ |
| 358 ✓ | 220 ✓ |
| 366 ✓ | 256 ✓ |
| <u>350</u> ✓ | 232 ✓ |
| 178 ✓ | 236 ✓ |
| 154 ✓ | 295 ✓ |
| 165 ✓ | 358 ✓ |
| 168 ✓ | 260 ✓ |
| 2 | 317 ✓ |
| | 180 ✓ |
| | 180 ✓ |
| | 141 ✓ |
| | 142 ✓ |

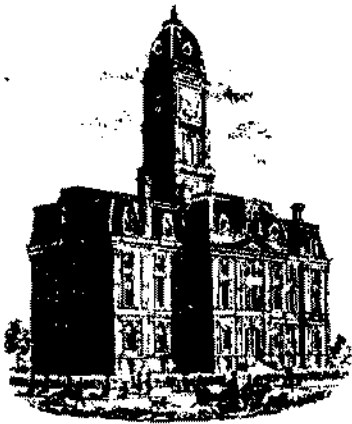
6432

Day Detention SSD

250 > CAS
 652 > CAS
 90
 245 - CAL

SOZE,

- THE RELOCATION BEHIND LOTS 429, 430, 431 IS IN SEC. 12.
- I CALLED STOPPELWORTH 1-11-06 AND REQUESTED DIGITAL FORMAT & ECCC FOR THE RELOCATION.



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

October 23, 2003

TO: Hamilton County Drainage Board

RE: Saddle Creek Drain ~~SEC 12~~

Attached is a petition filed by Ditch Road Properties, LLC. along with a non-enforcement request, plans, calculations, quantity summary and assessment roll for the Saddle 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:

| | | | |
|---------|------------|------------|---------|
| 6" SSD | 10,610 ft. | 15" RCP | 196 ft. |
| 12" RCP | 377 ft. | Open Ditch | 30 ft. |

The total length of the drain will be 11,213 feet.

The retention pond (lake #1) located in Common Area 6 and the dry basin in Common Area 5 are to be considered part of the regulated drain. The inlet and outlet will be maintained as part of the regulated drain. The maintenance of the pond and basin, such as mowing, will be the responsibility of the Homeowners Association. The Board will however retain jurisdiction for ensuring the storage volume for which the lake was designed will be retained. Thereby, allowing no fill or easement encroachments.

The subsurface drains (SSD) to be part of the regulated drain are those located under the curbs and those main lines between lots or in rear yards. Only the main SSD lines which are located within the easement (right of way) are to be maintained as regulated drain. Laterals for individual lots will not be considered part of the regulated drain. The portion of the SSD which will be regulated other than those under curbs are as follows: in Common Areas 5 and 6, south side lot 452 and north side lot 453.

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 \$ 30.00 per platted lot, \$ 5.00 per acre for roadways, with a \$ 30.00 minimum. With this assessment the total annual assessment for this drain/this section will be \$ 2,277.60.

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/Letter of Credit are as follows:

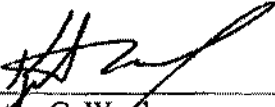
Agent: Gulf Insurance Company
Date: August 21, 2003
Number: B21879893
For: Storm Sewers, Sub-surface Drain, Erosion Control
Amount: \$170,888.00

Parcels assessed for this drain will be assessed for the O.F. Henley Drain.

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 Saddle Creek, Section 12 as recorded in the office of the Hamilton County Recorder.

I recommend the Board set a hearing for this proposed drain for November 24, 2003.



Kenton C. Ward
Hamilton County Surveyor

KCW/pll

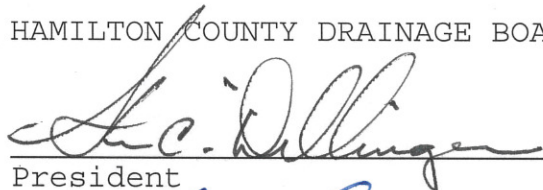
FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE
Saddle Creek Drain, Section 12 Arm

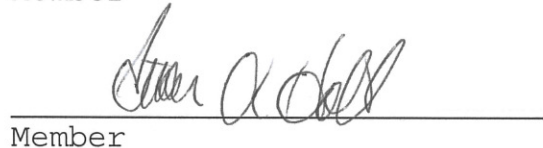
On this *24th day of November 2003*, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the *Saddle Creek Drain, Section 12 Arm*.

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: 

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF
Saddle Creek Drain, Section 12 Arm

NOTICE

To Whom It May Concern and: _____

Notice is hereby given of the hearing of the Hamilton County Drainage Board on the **Saddle Creek Drain, Section 12 Arm** on **November 24th**, at **9:05 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana, and which construction and maintenance reports of the Surveyor and the Schedule of Assessments made 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

Saddle Creek Drain, Section 12 Arm

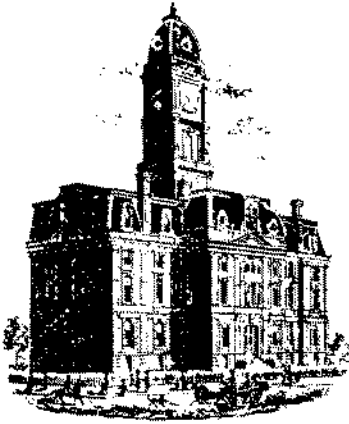
NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **November 24, 2003** 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



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 26, 2007

Re: Saddle Creek Drain: Saddle Creek Sec. 12

Attached are as-builts, certificate of completion & compliance, and other information for Saddle Creek Section 12. 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 23, 2003. The report was approved by the Board at the hearing held November 24, 2003. (See Drainage Board Minutes Book 7, Pages 267-269) The changes are as follows:

| Structure: | Length: | Size | Material: | Up Invert: | Dn Invert | Grade: | Changes: |
|------------|---------|------|-----------|---------------|--------------|--------|----------|
| 829-828 | 293 | 12 | RCP | 905.73 | 904.53 | 0.41 | |
| 856B-856A | 105 | 12 | RCP | 908.23 | 907.93 | 0.29 | |
| 856A-856 | 25 | 12 | RCP | 907.93 | 907.79 | 0.56 | -7 |
| 856-855 | 30 | 15 | RCP | 907.79 | 907.65 | 1.04 | |
| 855-854 | 165 | 15 | RCP | 907.65 | 905.93 | 1.04 | -1 |
| 854-854A | 206 | 15 | RCP | 905.83 | 903.77 | 1 | 206 |
| 854A-854B | 27 | 15 | RCP | 903.77 | 903.66 | 0.41 | 27 |
| 864-863 | 30 | 12 | RCP | 909.39 | 909.28 | 0.37 | |
| 863-862 | 184 | 12 | RCP | 909.28 | 906.94 | 1.27 | -2 |
| 873-874 | 20 | 12 | RCP | 912.85 | 912.77 | 0.4 | |
| 865-866 | 157 | 15 | RCP | 907.43 | 906.96 | 0.3 | |
| 866-867 | 30 | 21 | RCP | 906.96 | 906.87 | 0.3 | |
| 867-868 | 152 | 24 | RCP | 906.87 | 906.41 | 0.3 | |
| 868-869 | 139 | 27 | RCP | 906.41 | 906 | 0.3 | |
| 872-871 | 30 | 15 | RCP | 907 | 906.88 | 0.4 | |
| 871-870 | 160 | 15 | RCP | 906.88 | 906 | 0.55 | |
| 861-860 | 30 | 15 | RCP | 907.2 | 907.08 | 0.4 | |
| 860-859 | 176 | 15 | RCP | 907.08 | 903 | 2.32 | |

6" SSD Streets:

| | |
|------------------|-------------|
| Chariots Whisper | 3216 |
| x2 | |
| Total: | <u>6432</u> |

6" SSD Lots:

| | |
|------|-----|
| CA 5 | 250 |
| CA 5 | 652 |
| CA 5 | 90 |
| CA 6 | 245 |

RCP Pipe Totals:

| | |
|----|-----|
| 12 | 657 |
| 15 | 981 |
| 21 | 30 |
| 24 | 152 |
| 27 | 139 |

Total: 1237**Total:** 1959

*Note: a portion of the asbuilt information is with Saddle Creek Section 10 & 11
The length of the drain due to the changes described above is now **9628 feet**.

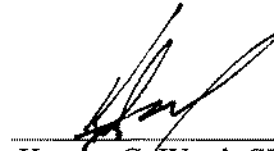
The non-enforcement was approved by the Board at its meeting on November 24, 2003 and recorded under instrument # 200400007712.

The following sureties were guaranteed by Gulf Insurance Company and released by the Board on its September 26, 2005 meeting.

Bond-LC No: B21879893**Insured For:** Storm Sewers, SSD, Erosion Control , Monuments**Amount:** \$170,888**Issue Date:** August 21, 2003

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

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/slm

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Saddle Creek, Section 12

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: Jeffery W. Darling Date: February 22, 2006

Type or Print Name: Jeffery W. Darling

Business Address: Stoepelwerth & Associates, Inc.
9940 Allisonville Road, Fishers, Indiana 46038

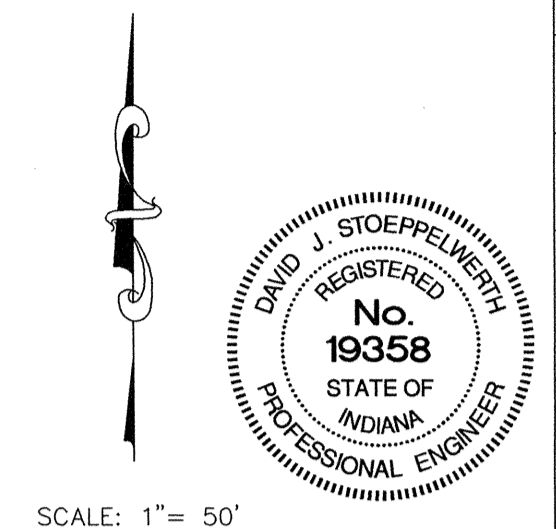
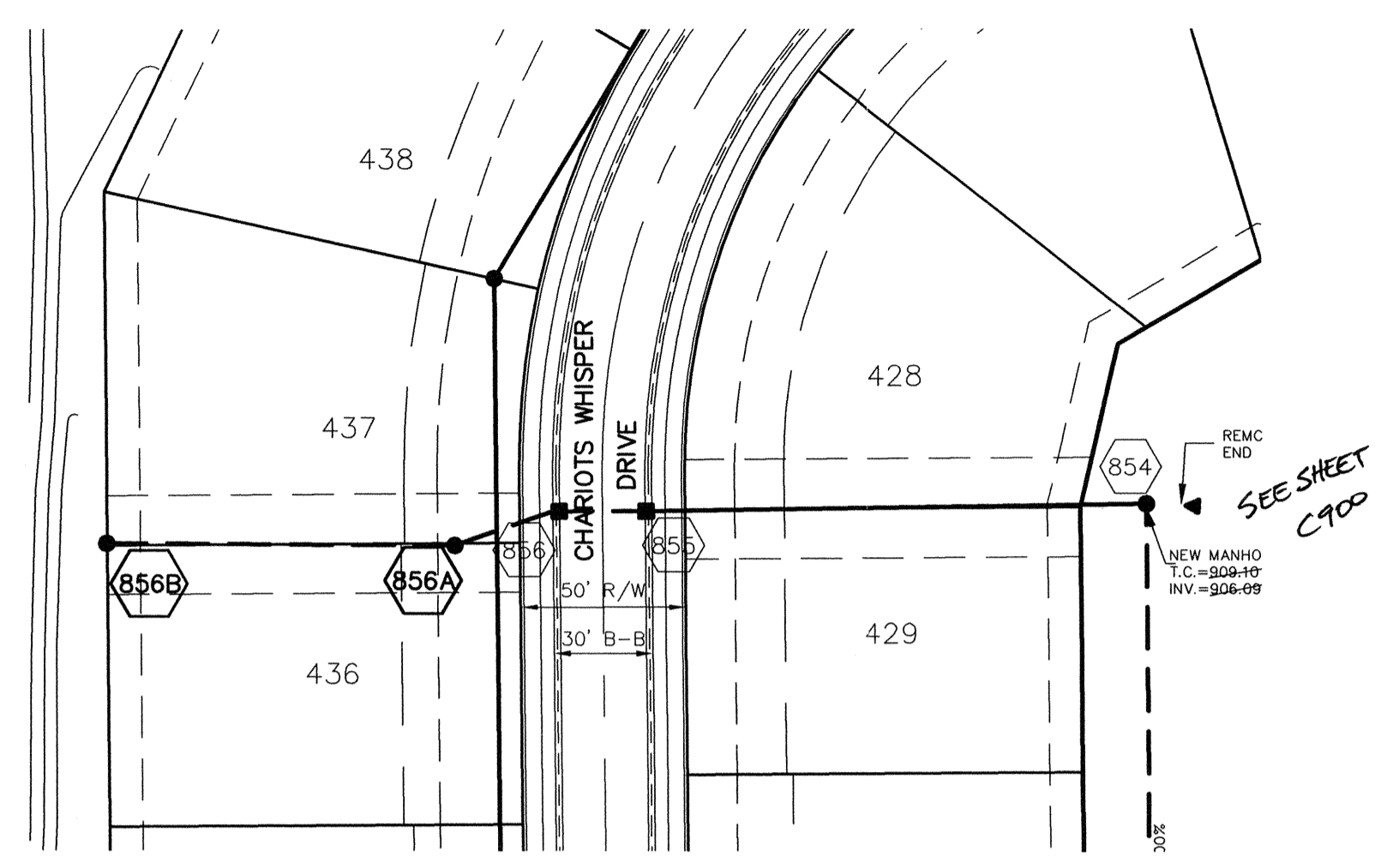
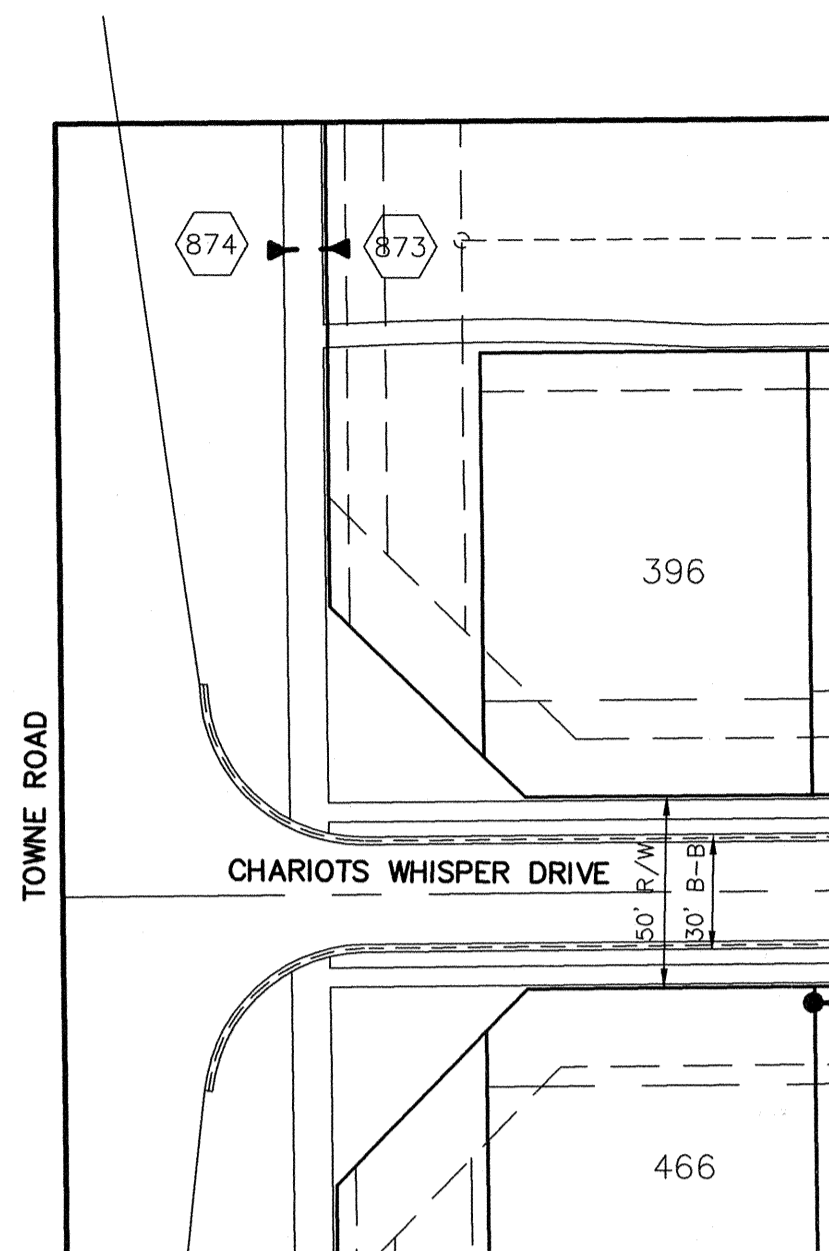
Telephone Number: (317) 849-5935

SEAL

INDIANA REGISTRATION NUMBER

900017





SCALE: 1" = 50'

CURB INLET TABLE

| PIPE SIZE | STRUCTURES LESS THAN 48" FROM T/C TO INVERT | STRUCTURES GREATER THAN 48" FROM T/C TO INVERT | ANGLE AND QUALITY OF PIPES WILL REQUIRE SPECIAL DESIGN | STEPS REQUIRED | CURB CASTING *R-3501 N | CASTING *3501 TL & TR |
|---------------|---|--|--|----------------|------------------------|-----------------------|
| 12" to 18" | 2'x2' | | DESIGN APPROVAL | No | Yes | Yes |
| 18" or 21" | | MH/BOX | DESIGN APPROVAL | Yes | Yes | Yes |
| 21" or 27" | 2'x3'* | | DESIGN APPROVAL | No | No | Yes |
| 24" or LARGER | DESIGN APPROVAL | | DESIGN APPROVAL | No | No | Yes |
| 24" or LARGER | | MH/BOX | DESIGN APPROVAL | Yes** | Yes | Yes |

* PIPES NO LARGER THAN 18" CAN BE USED IN THE 2' SIDE OF THIS BOX
 ** INCOMING AND OUT GOING PIPES EFFECT STEPS IN THIS STRUCTURE

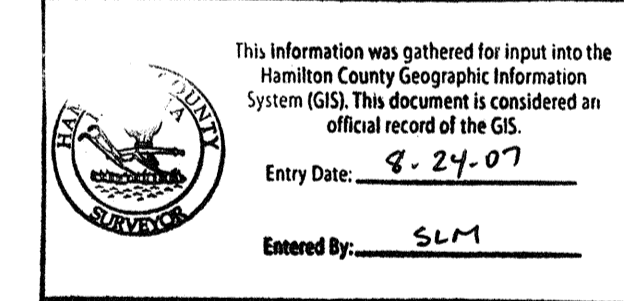
SPECIAL NOTE:
 STRUCTURES DEEPER THAN 48" FROM T/C TO INVERT WILL BE A M.H. OR A BOX WITH STEPS UNLESS SPECIAL DESIGN IS APPROVED.

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

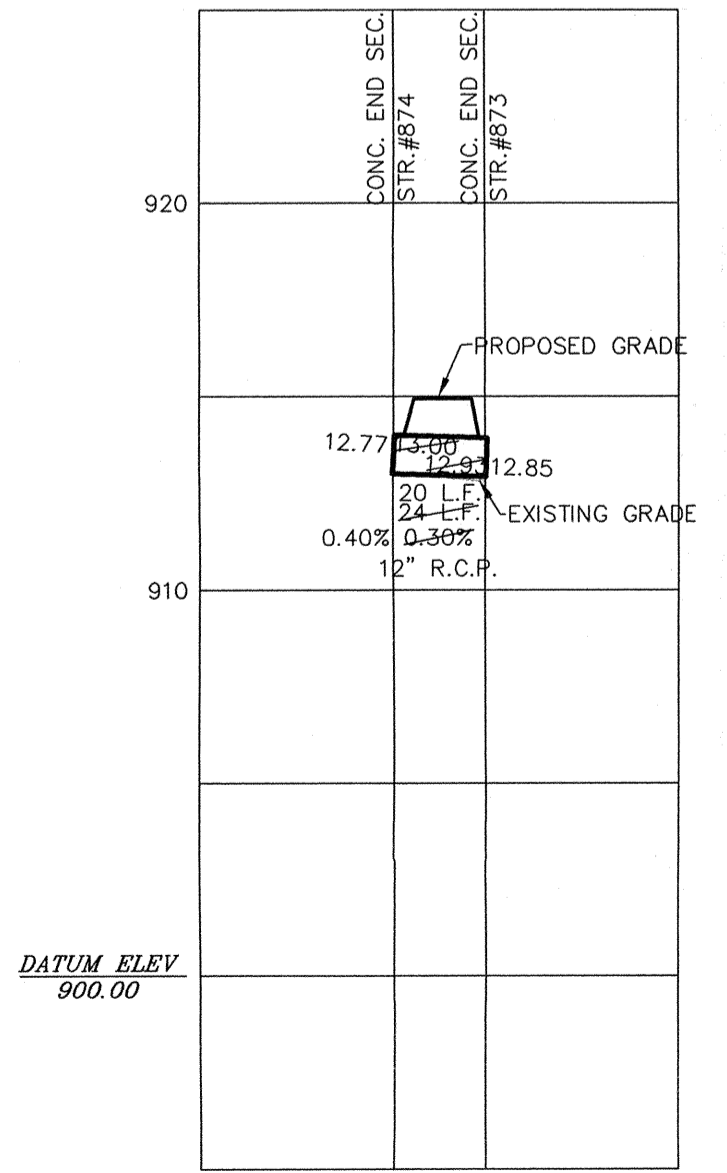
SPECIAL NOTE:
 COUNTY MAY REQUIRE STEPS TO BE INSTALLED AFTER STRUCTURE IS SET, TO IMPROVE ACCESS.

RECORD DRAWING

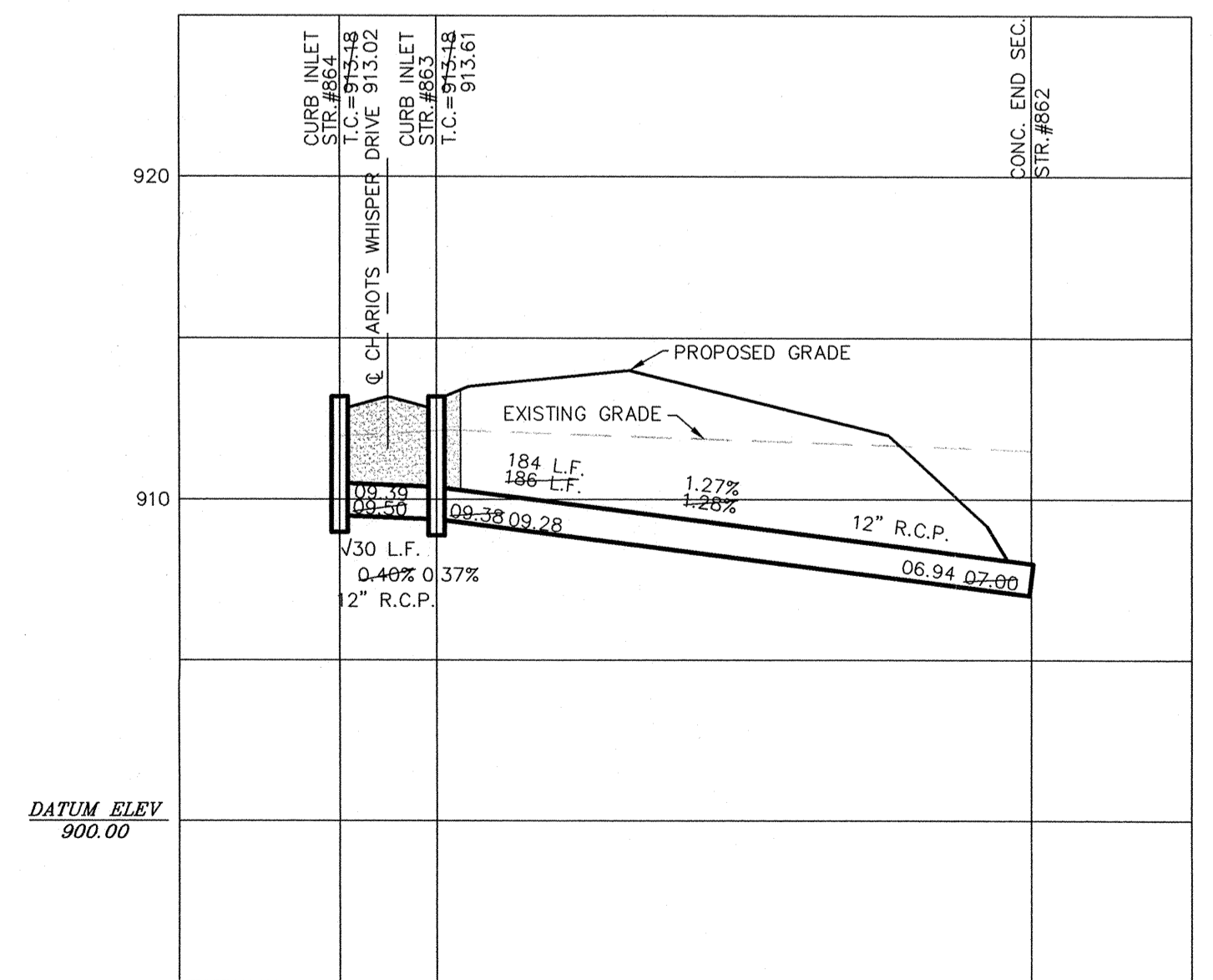
Jeffery W. Darling
 JEFFERY W. DARLING
 Registered Land Surveyor
 No. 900017
 DATE: 01/15/04



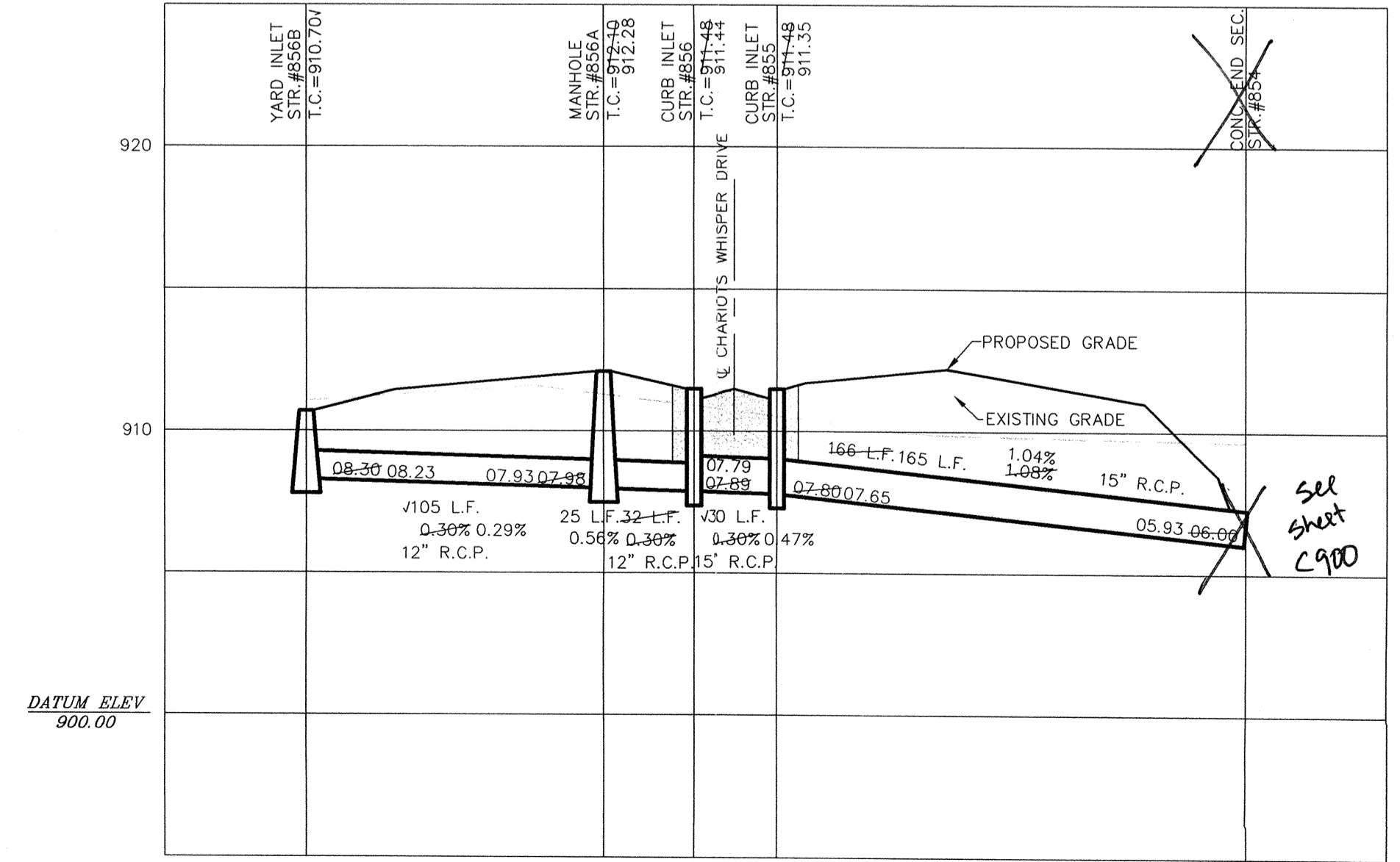
SCALE: 1" = 50' HOR.
 1" = 5' VERT.



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



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



S:\06\1512\dwg\C600-STORM.dwg, Layout1, 10/30/2006 9:46:16 AM, bbryant, 1:1

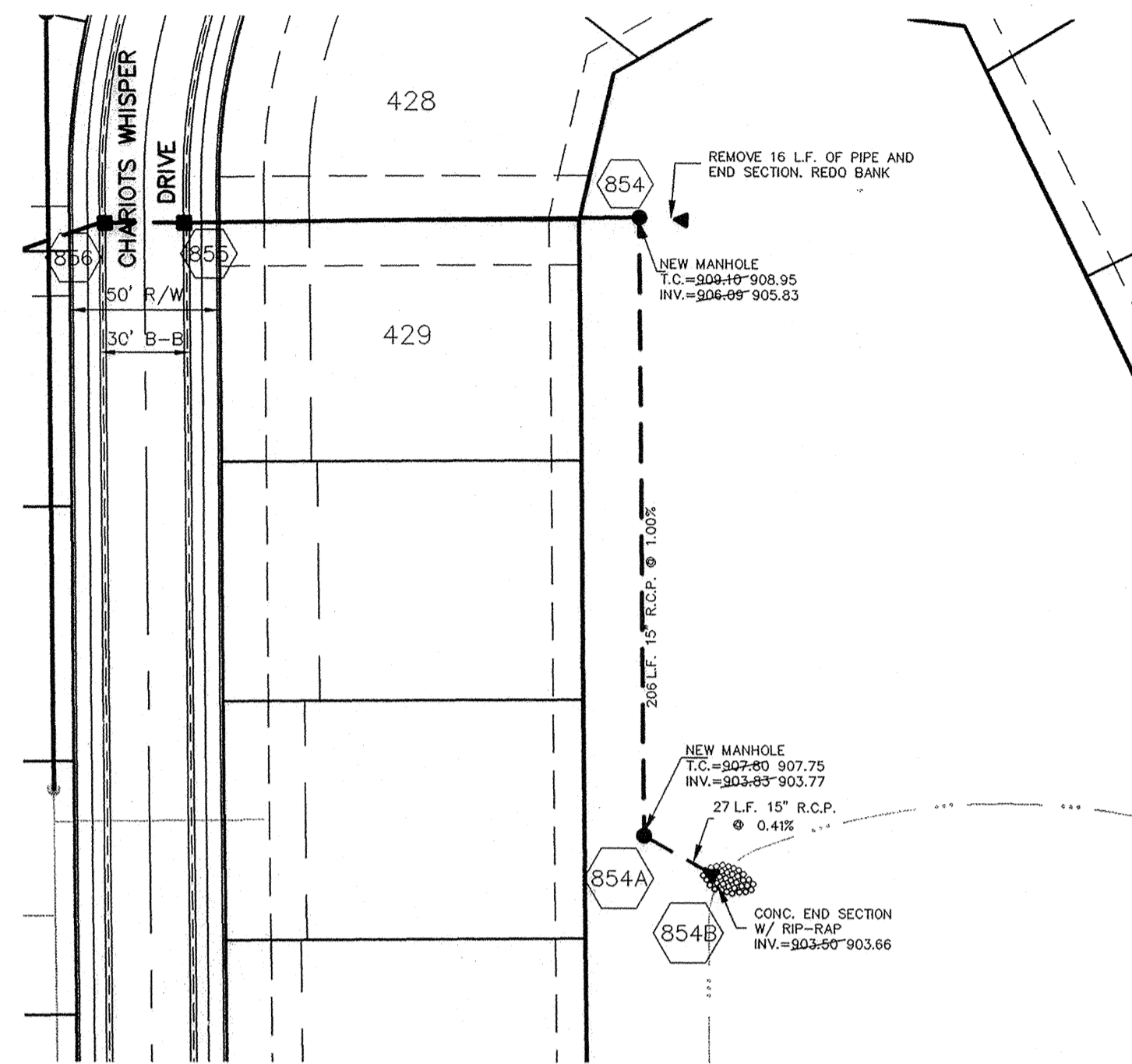
OWN BY: 3/12/03
 DATE: 3/12/03
 DRAWN BY: David J. Stappeler
 CHECKED BY: David J. Stappeler
 SCALE: 1" = 50'
 AS BUILT: 07/15/04
 REVISIONS: 8/18/03
 DATE: 3/12/03
 MARK: BY

CERTIFIED: 3/12/03
 David J. Stappeler
 REGISTERED PROFESSIONAL ENGINEER
 No. 19358
 STATE OF INDIANA

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

STORM SEWER PLAN & PROFILE
 SADDLE CREEK SECTION 12
 INDIANA
 CARMEL

SHEET NO. C600
 JOB NO. 42611



SCALE: 1" = 50'

DAVID J. STOEPPELWERTZ
REGISTERED
No. 19358
STATE OF INDIANA
PROFESSIONAL ENGINEER

| DATE | DATE | DATE | DATE | DATE |
|---------|------|------|------|------|
| 8/10/05 | | | | |

RECORD DRAWING

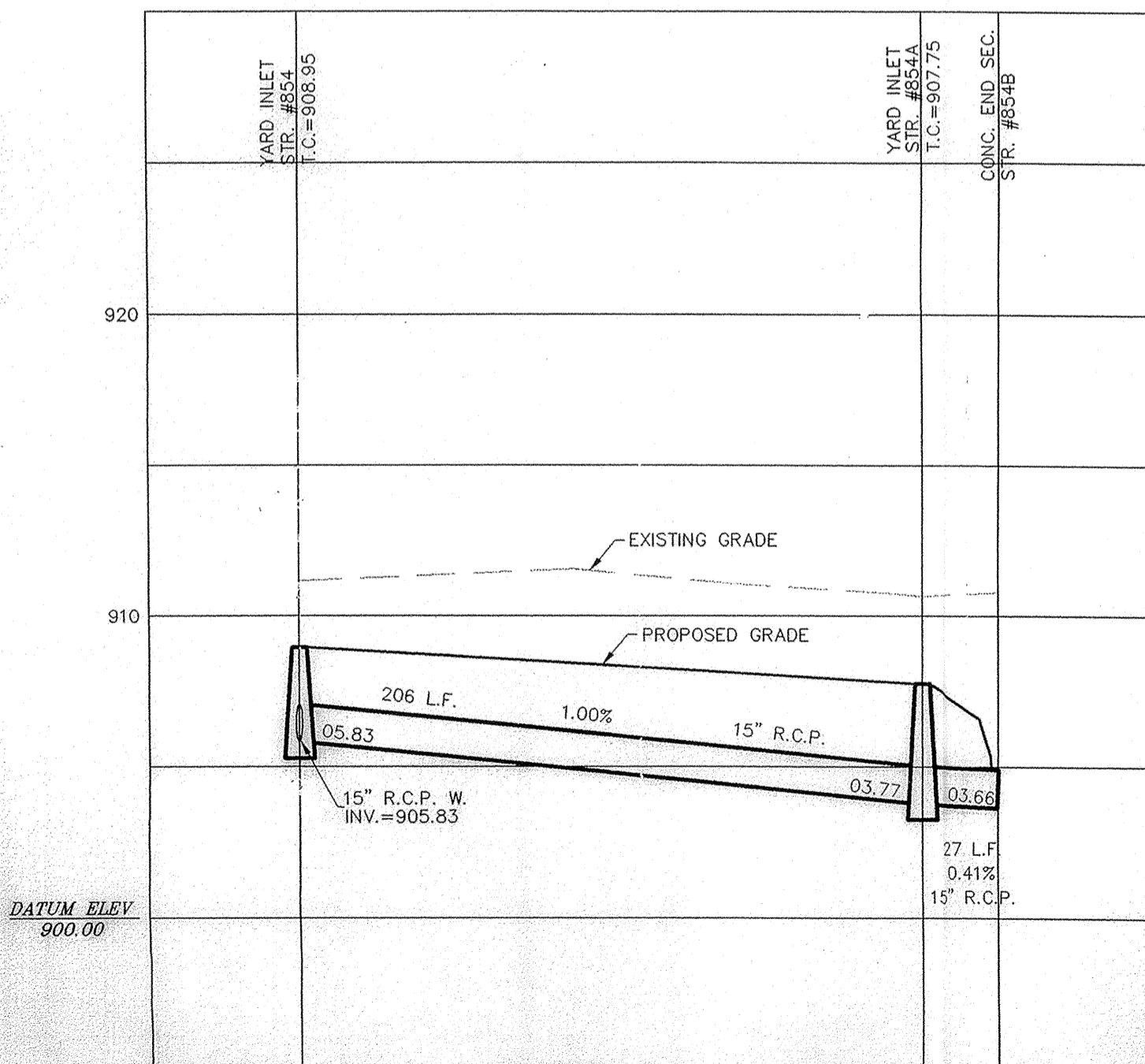
Jeffery W. Darling
JEFFERY W. DARLING
Registered Land Surveyor
No. 900017

8/10/05
DATE



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

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

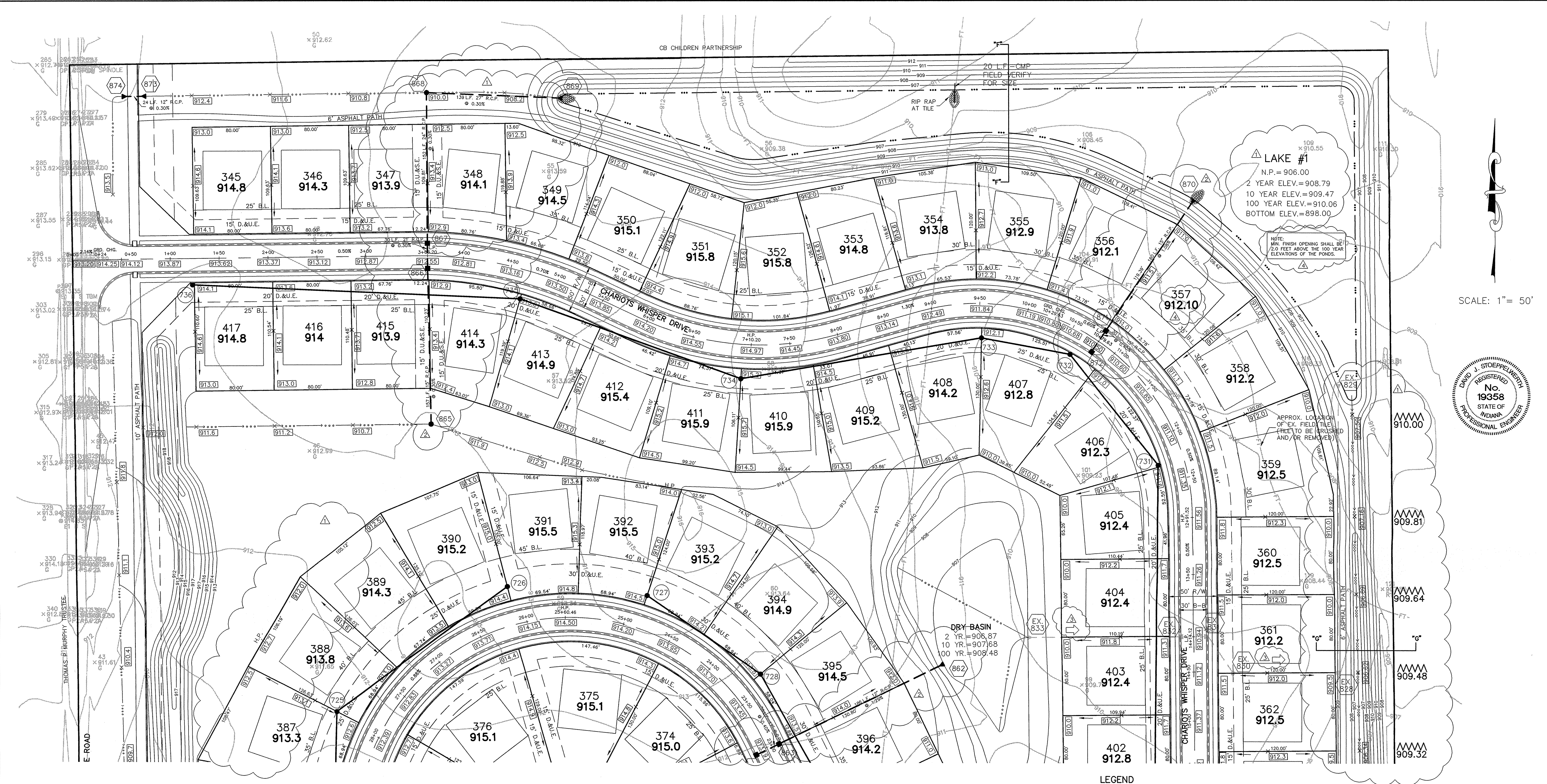


This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.

Entry Date: 8-24-07
Entered By: SLM

STORM SEWER PLAN & PROFILE
SADDLE CREEK
SECTION 12
CARMEL INDIANA

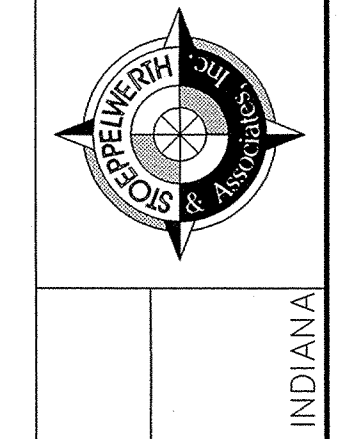
SHEET NO.
C900
JOB NO.
42611



| DATE | BY | REVISIONS |
|---------|-------------------|--|
| 3/29/02 | David J. Stappert | REVISED |
| 7/2/02 | | ADDED FLOOD ROUTING |
| 9/2/02 | | ADDED REVISIONS TO DDD SECTIONS AND STAIN INFO |
| 4/20/02 | | REV. GRADERS & ADD STRIKE LINE INFO |

CERTIFIED: 3/29/02
 David J. Stappert
 REGISTERED PROFESSIONAL ENGINEER
 No. 19358
 STATE OF INDIANA

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



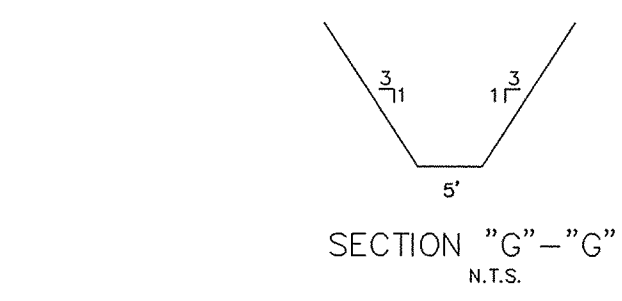
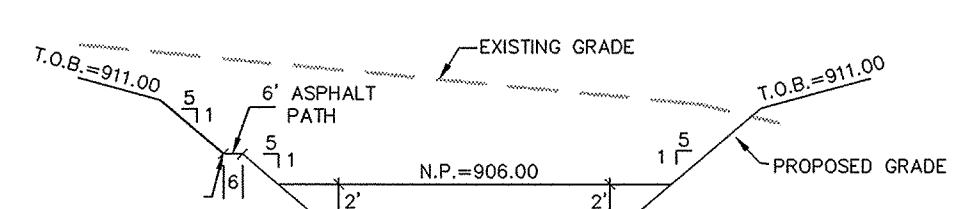
SITE DEVELOPMENT PLAN
 SADDLE CREEK
 SECTIONS 12
 CARMEI

- EARTHWORK:**
- EXCAVATION**
 - Excavated material that is suitable may be used for fills. All unsuitable material and all surplus excavated material not required shall be removed from the site.
 - Provide and place any additional fill material from offsite as may be necessary to produce the grades required on plans. Fill obtained from offsite shall be of quality as specified for fills herein and the source approved by the Developer. It will be the responsibility of the Contractor for any costs for fill needed.
 - REMOVAL OF TREES**
 - All trees and stumps shall be removed from areas to be occupied by a road surface or structure area. Trees and stumps shall not be buried on site.
 - PROTECTION OF TREES**
 - The Contractor shall, at the direction of the Developer, endeavor to save and protect trees of value and worth which do not impair construction of improvements as designed.
 - In the event cut or fill exceeds 0.5 foot over the root area, the Developer shall be consulted with protective measure to be taken, if any, to preserve such trees.
 - REMOVAL OF TOPSOIL**
 - All topsoil shall be removed from all areas beneath future pavements or building. Topsoil removal shall be to a minimum depth of 6 inches or to the depth indicated in the geotechnical report provided by the Developer to be excavated or filled. Topsoil should be stored at a location where it will not interfere with construction operations. The topsoil shall be free of debris and stones.
 - UTILITIES**
 - Rules and regulation governing the respective utility shall be observed in executing all work under this section.
 - It shall be the responsibility of the Contractor to determine the location of existing underground utilities 2 working days prior to commencing work. For utility locations to be marked call Toll Free 1-800-382-5544 within Indiana or 1-800-428-5200 outside Indiana.
 - SITE GRADING**
 - Do all cutting, filling, compacting of fills and rough grading required to bring entire project area to subgrade as shown on the drawing.
 - The tolerance for paved areas shall not exceed 0.05 feet above established subgrade. All other areas shall not exceed 0.10 feet plus or minus the established grade. Provide roundings at top and bottom of banks and other breaks in grade.
 - The Engineer shall be notified when the Contractor has reached the tolerance as stated above, so that field measurements and spot elevations can be verified by the Engineer. The Contractor shall not remove his equipment from the site until the Engineer has verified that the job meets the above tolerance.

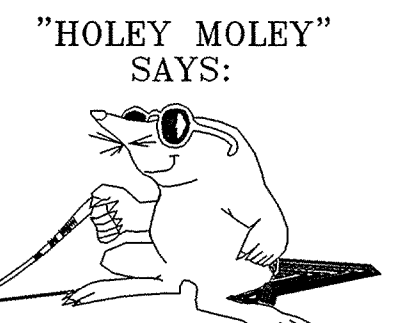
ALL PADS SHOULD BE TESTED TO ASSURE A COMPACTION OF AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY USING THE STANDARD PROCTOR TEST METHOD.

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

| Sta. No. | Type | 10/Run | Inverts | Dir. |
|----------|-------------------|--------|---------|---------|
| 859 | CONC. END SECTION | 910.81 | 903.00 | (NW) |
| 860 | CURB INLET | 910.81 | 907.08 | (NW/SE) |
| 861 | CURB INLET | 910.81 | 907.20 | (SE) |
| 865 | YARD INLET | 911.40 | 907.43 | (W) |
| 866 | CURB INLET | 912.55 | 906.96 | (N/SE) |
| 867 | CURB INLET | 912.55 | 906.87 | (N/SE) |
| 868 | YARD INLET | 909.00 | 906.41 | (S/E) |
| 869 | CONC. END SECTION | 906.00 | 906.00 | (W) |
| 870 | CONC. END SECTION | 910.50 | 907.73 | (SW/NE) |
| 872 | CURB INLET | 910.50 | 907.85 | (NE) |



- LEGEND**
- 848 --- EXISTING CONTOUR
 - 848 --- EXISTING SANITARY SEWER
 - 848 --- EXISTING STORM SEWER
 - 848 --- PROPOSED GRADE
 - 848 --- PROPOSED CONTOUR
 - 848 --- PROPOSED SANITARY SEWER
 - 848 --- PROPOSED STORM SEWER
 - 848 --- PROPOSED SWALE
 - 848 --- PROPOSED 5' SIDEWALK (BY HOME BUILDER) (UNLESS OTHERWISE NOTED)
 - ★ 35 LOT NUMBER
 - ☆ 853.0 PAD ELEVATION
 - ☆ 853.0 PAD SIZE 60'x60' (UNLESS OTHERWISE NOTED)
 - EMERGENCY FLOOD ROUTE
 - 4" S.S.D. TO LOT
 - 6" S.S.D.
 - ~~~~~ 100 YEAR ELEVATION FLOOD ROUTING



"HOLEY MOLEY" SAYS:
 1-800-382-5544
 CALL TOLL FREE
 1-800-428-5200
 FOR CALLS OUTSIDE OF INDIANA

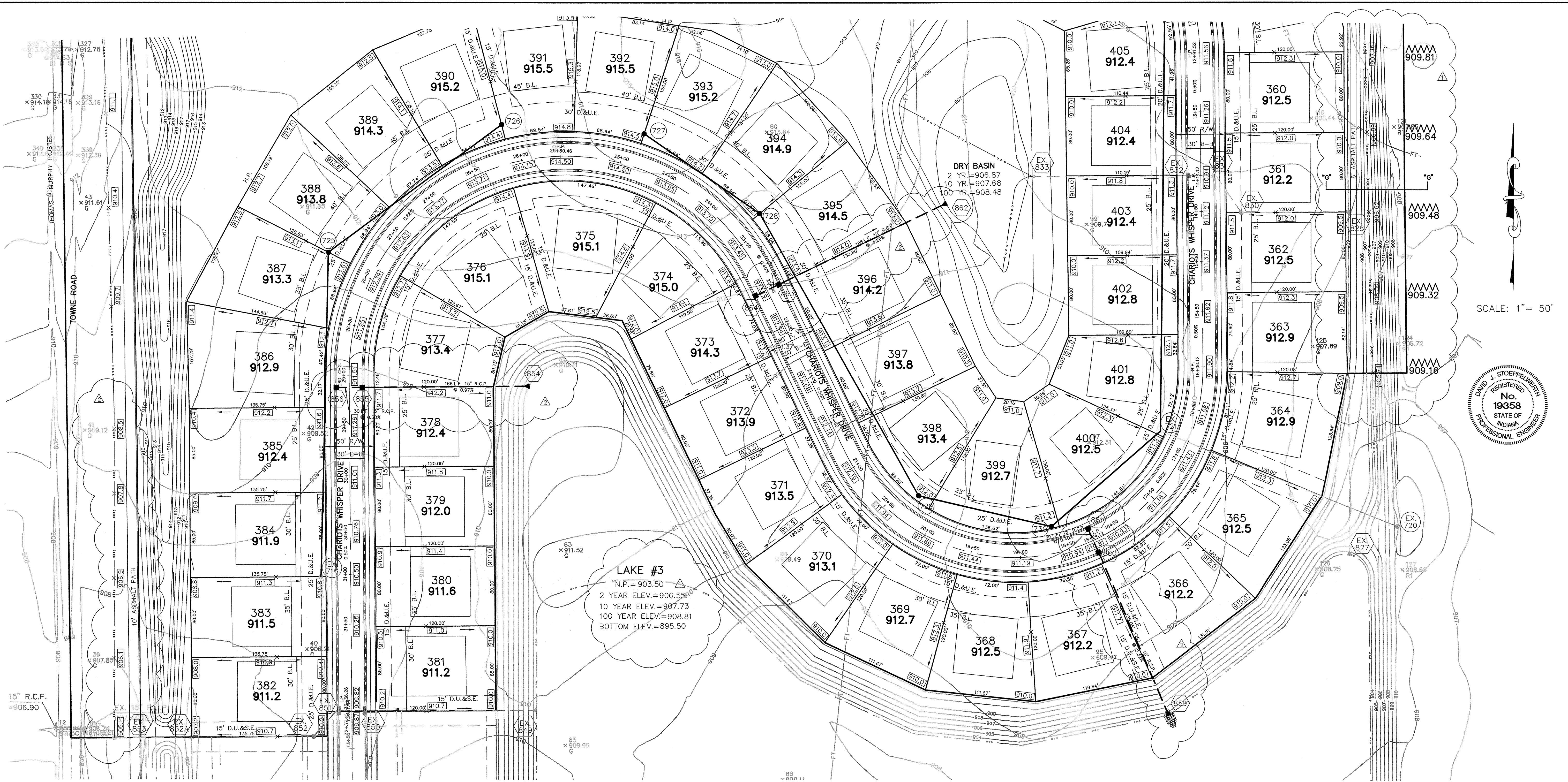
THIS SHEET IS REFERENCE FOR EARTHWORK EXCAVATIONS ONLY.

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

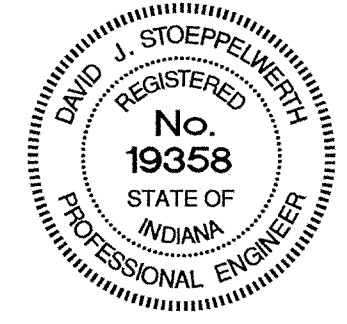
Entry Date: 10-28-04
 Entered by: SLM

CAUTION
 LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE, (including, but not 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 THERE IS 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.

FILED
 DEC 23 2004
 OFFICE OF HAMILTON COUNTY SURVEYOR
 SHEETS 40
 JOB NO. 42611



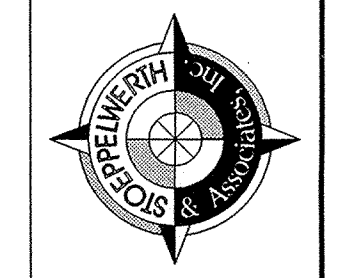
SCALE: 1" = 50'



| | | | |
|--------|----------|------|--|
| DATE | 3/29/02 | MARK | |
| SCALE | 1" = 50' | DATE | |
| WAB | | DATE | |
| CHK BY | | DATE | |
| TWF | | DATE | |
| BY | | DATE | |

CERTIFIED: 3/29/02

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



SITE DEVELOPMENT PLAN
 SADDLE CREEK
 SECTIONS 12

INDIANA
 CARMEL

SHEET NO. 9
 OF 40 SHEETS
 JOB NO. 42611

- EARTHWORK:**
- EXCAVATION**
 - Excavated material that is suitable may be used for fills. All unsuitable material and all surplus excavated material not required shall be removed from the site.
 - Provide and place any additional fill material from offsite as may be necessary to produce the grades required on plans. Fill obtained from offsite shall be of quality as specified for fills herein and the source approved by the Developer. It will be the responsibility of the Contractor for any costs for fill needed.
 - REMOVAL OF TREES**
 - All trees and stumps shall be removed from areas to be occupied by a road surface or structure area. Trees and stumps shall not be buried on site.
 - PROTECTION OF TREES**
 - The Contractor shall, at the direction of the Developer, endeavor to save and protect trees of value and worth which do not impair construction of improvements as designed.
 - In the event cut or fill exceeds 0.5 foot over the root area, the Developer shall be consulted with respect to protective measure to be taken, if any, to preserve such trees.
 - REMOVAL OF TOPSOIL**
 - All topsoil shall be removed from all areas beneath future pavements or building. Topsoil removal shall be to a minimum depth of 6 inches or to the depth indicated in the geotechnical report provided by the Developer to be excavated or filled. Topsoil should be stored at a location where it will not interfere with construction operations. The topsoil shall be free of debris and stones.
 - UTILITIES**
 - Rules and regulation governing the respective utility shall be observed in executing all work under this section.
 - It shall be the responsibility of the Contractor to determine the location of existing underground utilities 2 working days prior to commencing work. For utility locations to be marked call Toll Free 1-800-382-5544 within Indiana or 1-800-428-5200 outside Indiana.
 - SITE GRADING**
 - Do all cutting, filling, compacting of fills and rough grading required to bring entire project area to subgrade as shown on the drawing.
 - The tolerance for paved areas shall not exceed 0.05 feet above established subgrade. All other areas shall not exceed 0.10 feet plus or minus the established grade. Provide roundings at top and bottom of banks and other breaks in grade.
 - The Engineer shall be notified when the Contractor has reached the tolerance as stated above, so that field measurements and spot elevations can be verified by the Engineer. The Contractor shall not remove his equipment from the site until the Engineer has verified that the job meets the above tolerance.

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.

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 Geographical Information System. This document is considered an official record of the GIS.

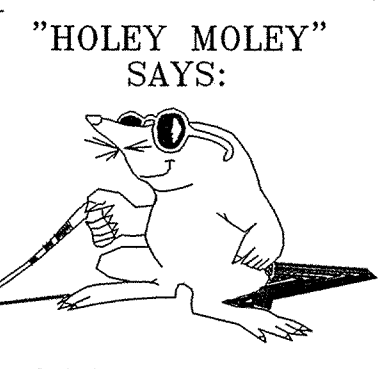
Entry Date: 10-28-04

Entered by: SLM

| Str. No. | Type | To/Rm | Inverts | Dir. |
|----------|-------------------|-------|---------|---------|
| 859 | CONC. END SECTION | | 903.00 | (NW) |
| 860 | CURB INLET | | 907.08 | (NW/SE) |
| 861 | CURB INLET | | 907.20 | (SE) |
| 865 | YARD INLET | | 907.43 | (N) |
| 866 | CURB INLET | | 906.96 | (N/SE) |
| 867 | CURB INLET | | 906.87 | (N/SE) |
| 868 | YARD INLET | | 906.41 | (SW) |
| 869 | CONC. END SECTION | | 906.00 | (W) |
| 870 | CONC. END SECTION | | 906.00 | (SW) |
| 871 | CURB INLET | | 907.73 | (SW/NW) |
| 872 | CURB INLET | | 907.85 | (NE) |

- 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) (UNLESS OTHERWISE NOTED)
 - 35 LOT NUMBER
 - 853.0 PAD ELEVATION
 - ★ PAD SIZE 60'x60' (UNLESS OTHERWISE NOTED)
 - EMERGENCY FLOOD ROUTE
 - 4" S.S.D. TO LOT
 - 6" S.S.D.
 - 100 YEAR ELEVATION FLOOD ROUTING

THIS SHEET IS REFERENCE FOR EARTHWORK EXCAVATIONS ONLY.

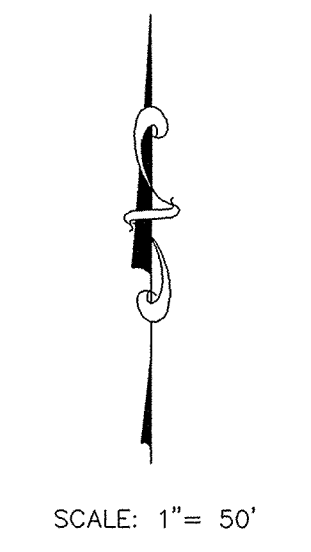
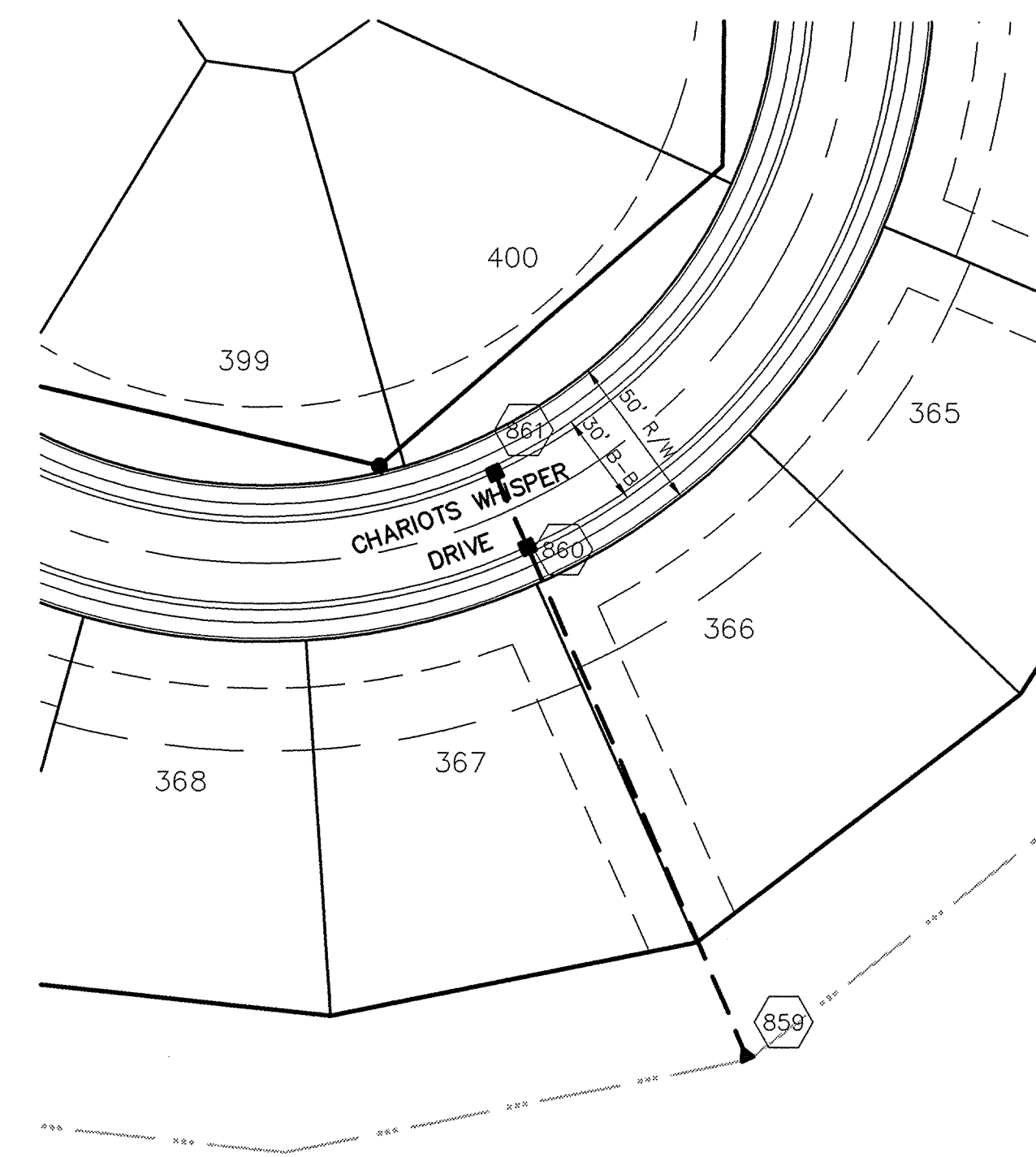
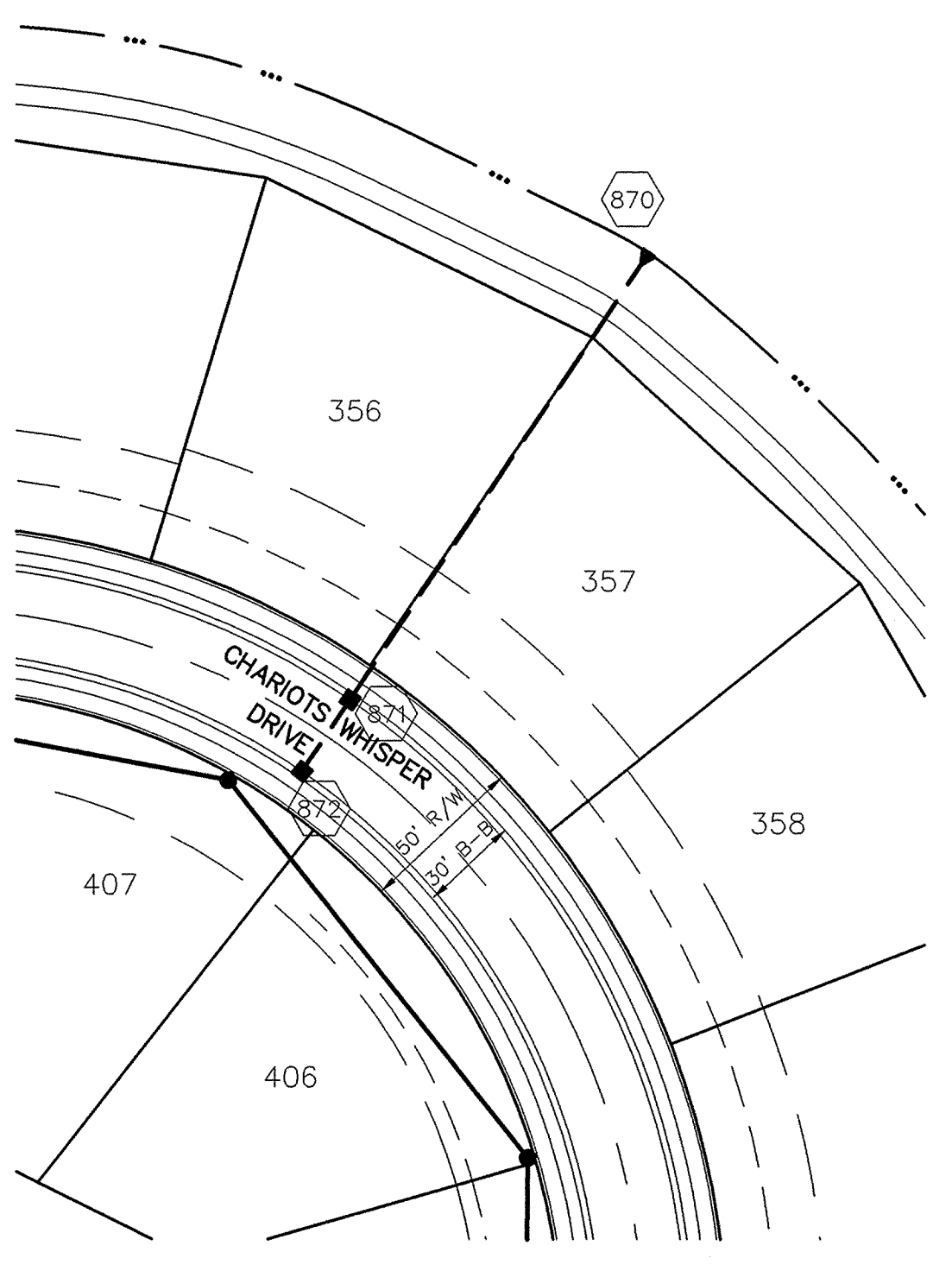
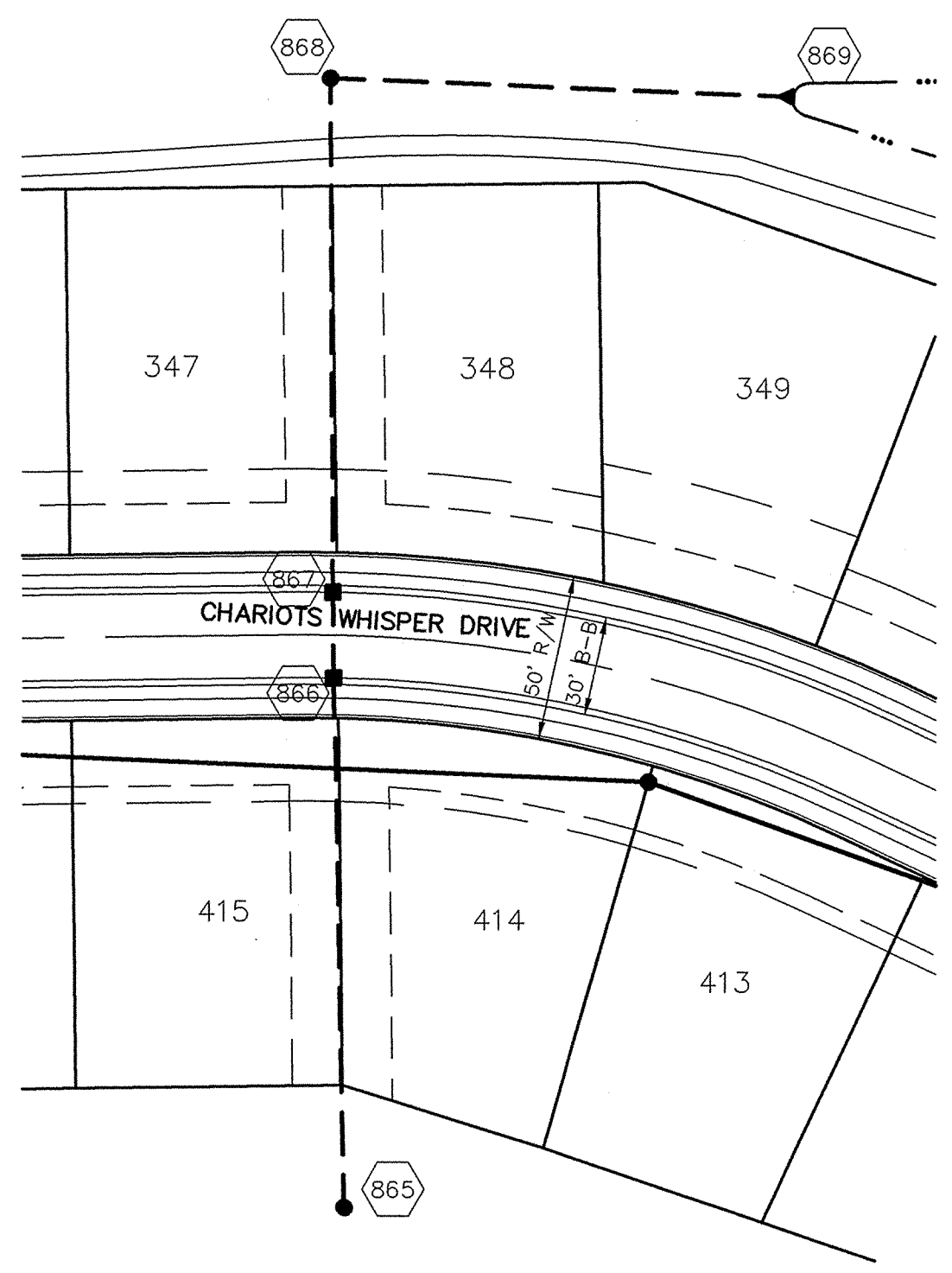


CAUTION

LOCATION OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not 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 THERE IS 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.

1-800-382-5544
 CALL TOLL FREE

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



CURB INLET TABLE

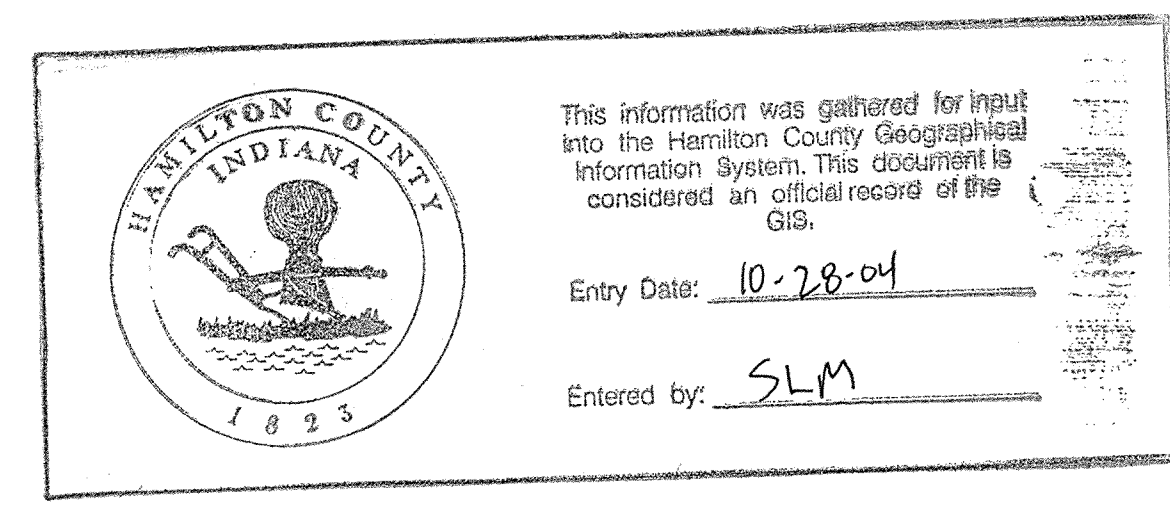
| PIPE SIZE | STRUCTURES LESS THAN 48" FROM T/C TO INVERT | STRUCTURES GREATER THAN 48" FROM T/C TO INVERT | ANGLE AND QUALITY OF PIPES WILL REQUIRE SPECIAL DESIGN | STEPS REQUIRED | CURB CASTING *R-3501 N | CASTING *3501 TL & TR |
|---------------|---|--|--|----------------|------------------------|-----------------------|
| 12" to 18" | 2'x2' | | DESIGN APPROVAL | No | Yes | Yes |
| 18" or 21" | | MH/BOX | DESIGN APPROVAL | Yes | Yes | Yes |
| 21" or 27" | 2'x3'* | | DESIGN APPROVAL | No | No | Yes |
| 24" or LARGER | DESIGN APPROVAL | | DESIGN APPROVAL | No | No | Yes |
| 24" or LARGER | | MH/BOX | DESIGN APPROVAL | Yes** | Yes | Yes |

* PIPES NO LARGER THAN 18" CAN BE USED IN THE 2' SIDE OF THIS BOX
 ** INCOMING AND OUT GOING PIPES EFFECT STEPS IN THIS STRUCTURE

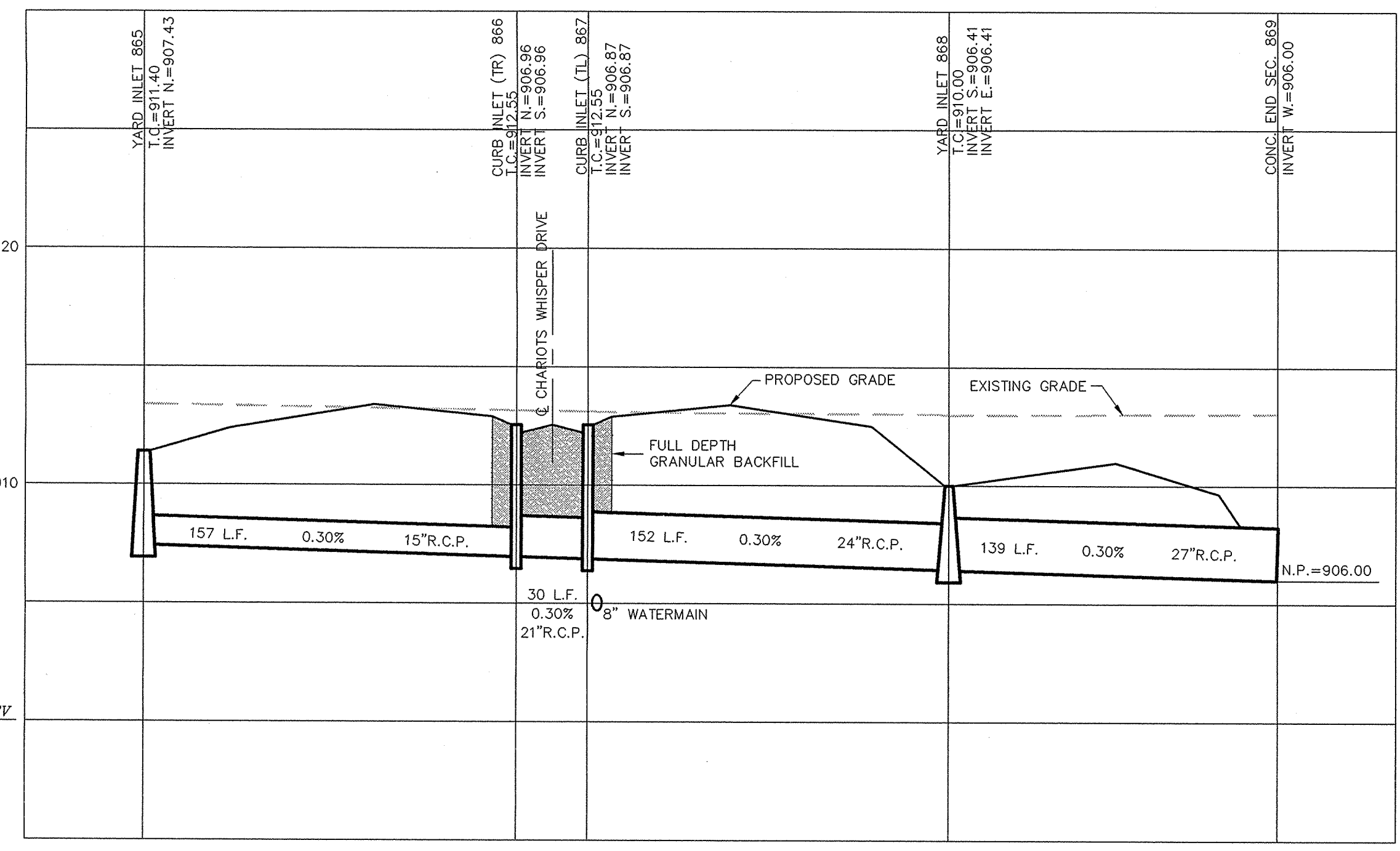
SPECIAL NOTE:
 STRUCTURES DEEPER THAN 48" FROM T/C TO INVERT WILL BE A M.H. OR A BOX WITH STEPS UNLESS SPECIAL DESIGN IS APPROVED.

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

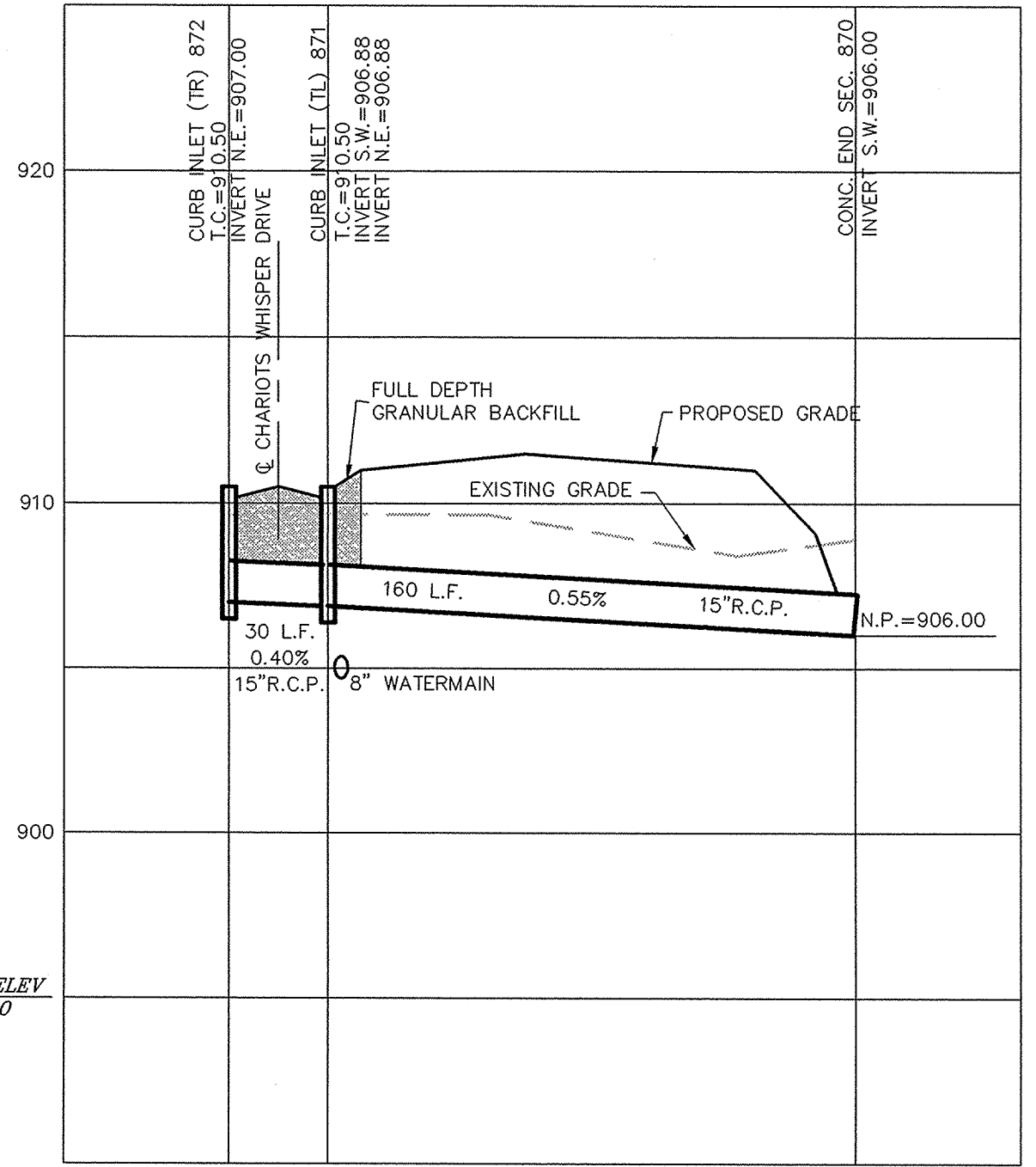
SPECIAL NOTE:
 COUNTY MAY REQUIRE STEPS TO BE INSTALLED AFTER STRUCTURE IS SET, TO IMPROVE ACCESS.



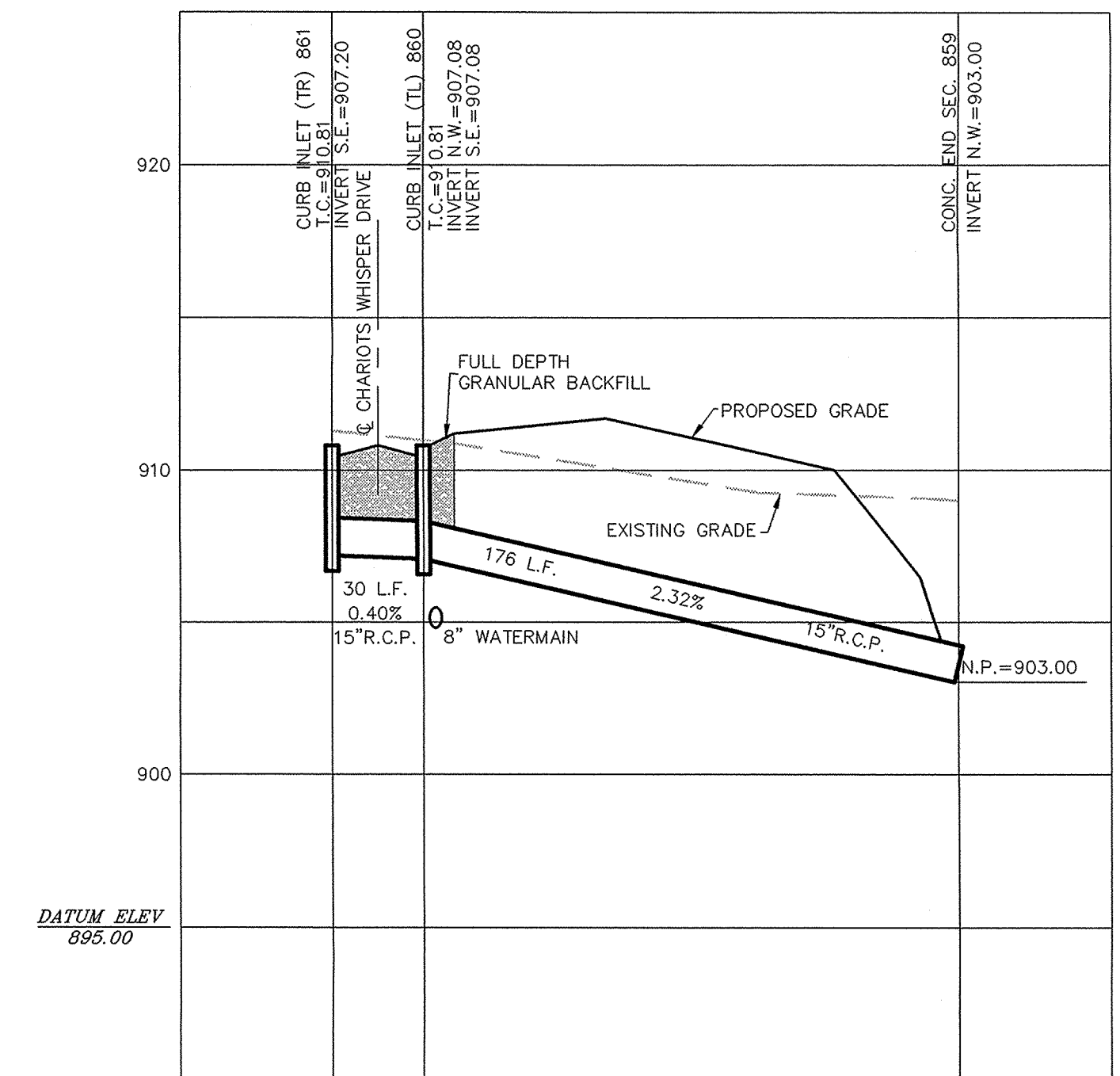
SCALE: 1"=50' HOR.
 1"=5' VERT.



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



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



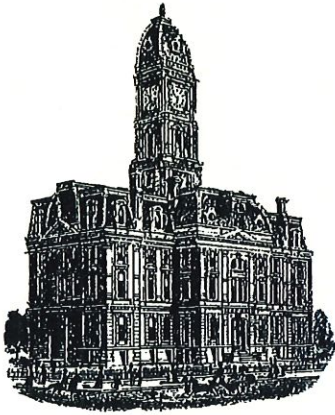
STORM SEWER PLAN & PROFILE
SADDLE CREEK
SECTIONS 12

CONSULTING ENGINEERS - LAND SURVEYORS
 (317) 849-5835 1-800-728-6917 FAX: (317) 849-5842
 INDIANAPOLIS INDIANA

CERTIFIED: 3/29/02
 David J. Stappeler
 REGISTERED PROFESSIONAL ENGINEER
 No. 19358
 STATE OF INDIANA

| DATE | BY | REVISIONS |
|---------|----|-----------|
| 3/29/02 | | |

FILED
 DEC 23 2004
 OFFICE OF HAMILTON COUNTY ENGINEERS
 SHEET NO. 30A
 OF 40 SHEETS
 JOB NO. 42611



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

Map Correction-Field Verification

Drain Number: 315

Drain Length: 9628

Drain Name: Saddle Creek – Section 12

Change + / - : 499

Date: 12-09-2016

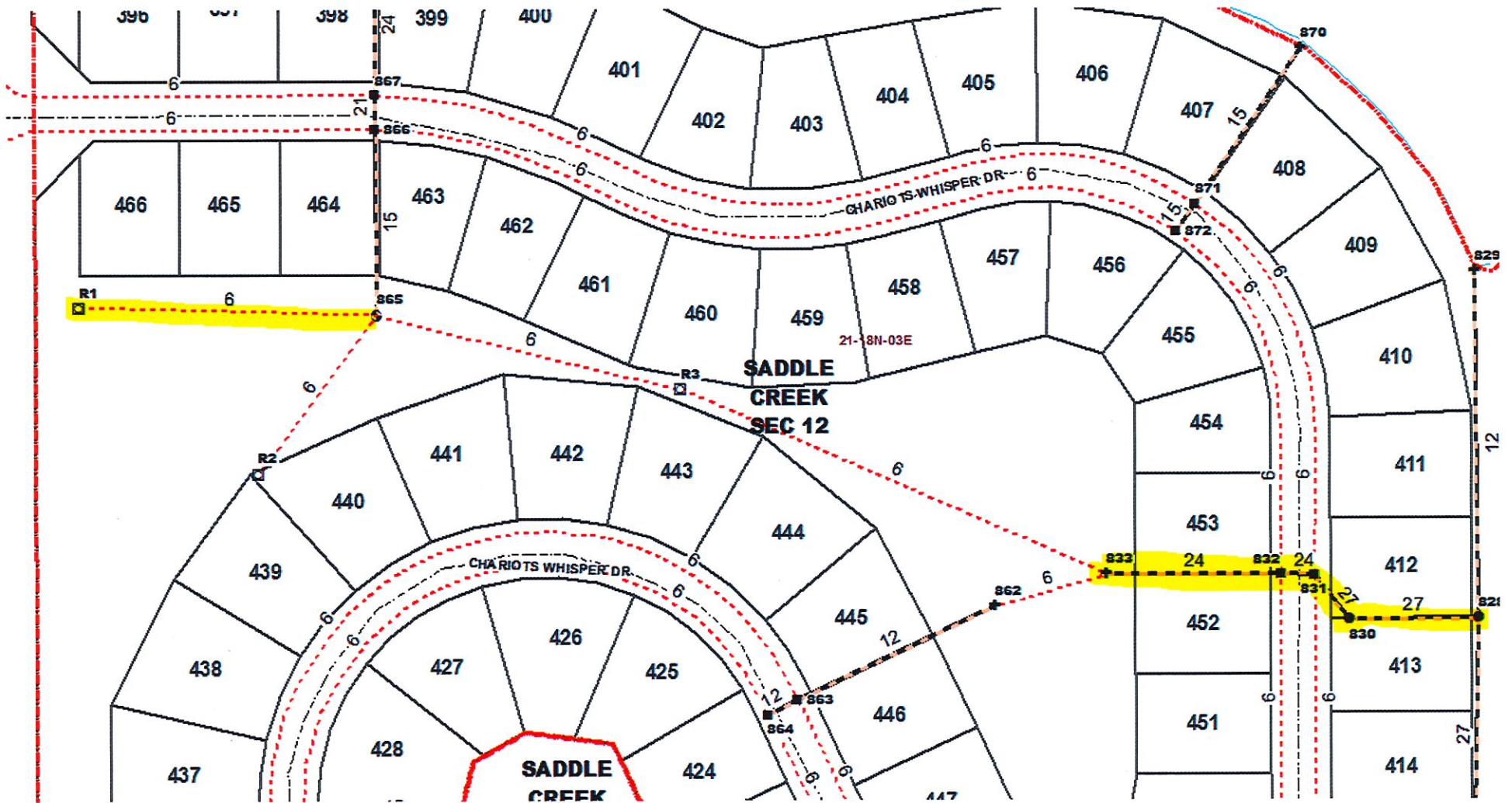
New Length: 10,127

Verified By: SLM

Notes & Sketch: See attached Sheet.

The final report missed adding in the section of pipe between Structures 833-832, 832-831, 831-830, and 830-existing 821 consisting of 331 feet of 24" and 27" RCP. Also omitted was 168 feet of 6" SSD in C.A. 5 running easterly into Structure 865.

Suzanne L. Mills
GIS Specialist



↑
 N
 NO SCALE
 12-9-16
 SLM