

Drain: JOHN OSBORN DRAIN **Drain #:** 162
Improvement/Arm: KINGSMILL - SECTION 2 - LOT 31
Operator: JOH **Date:** 6-3-04
Drain Classification: Urban/Rural **Year Installed:** 1997

GIS Drain Input Checklist

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

Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: JOHN OSBORN DRAIN - KINGSMILL SECTION 2 - LOT 31

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
SWALE (190')	—	∅	∅	∅	19.55	3714.50

Sum: _____

Final Report: _____

Comments:
 * 190' OF SWALE (PARALLEL) - PRICED AS OPEN DITCH

CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Lot 31, Kingsmill

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. Weibe Date: January 27, 1998

Type or Print Name: Allan H. Weibe

Business Address: 10505 N. College
Indianapolis, IN 46280

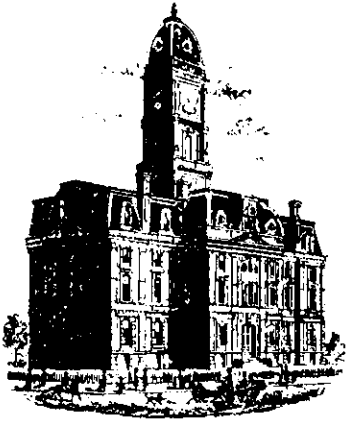
Telephone Number: 846-6611

SEAL



INDIANA REGISTRATION NUMBER

P.E. 8827



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

February 9, 1998

Re: John Osborn Drain: Kingsmill Sec. 2 Arm Lot 31

Attached are as-builts, certificate of completion & compliance, and other information for Kingsmill Sec. 2 - Lot 31. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

An overflow swale was constructed across lot 31 to alleviate a ponding problem on the property. The new construction consists of 190' feet of swale. The only modification made to the plans approved September 27, 1997 was the removal of a small swale between the existing storm structure and the main overflow swale. The swale constructed across lot 31 will be considered a part of the regulated drain.


The construction of the swale altered the final report dated May 8, 1996. However, there was no net length in drain.

A non-enforcement was not requested.

All costs associated with the construction of the swale were assumed by the developer, Kingsmill Corporation. A bond or letter of credit was not required.

I recommend the Board approve the drains construction as complete and acceptable.

Sincerely,

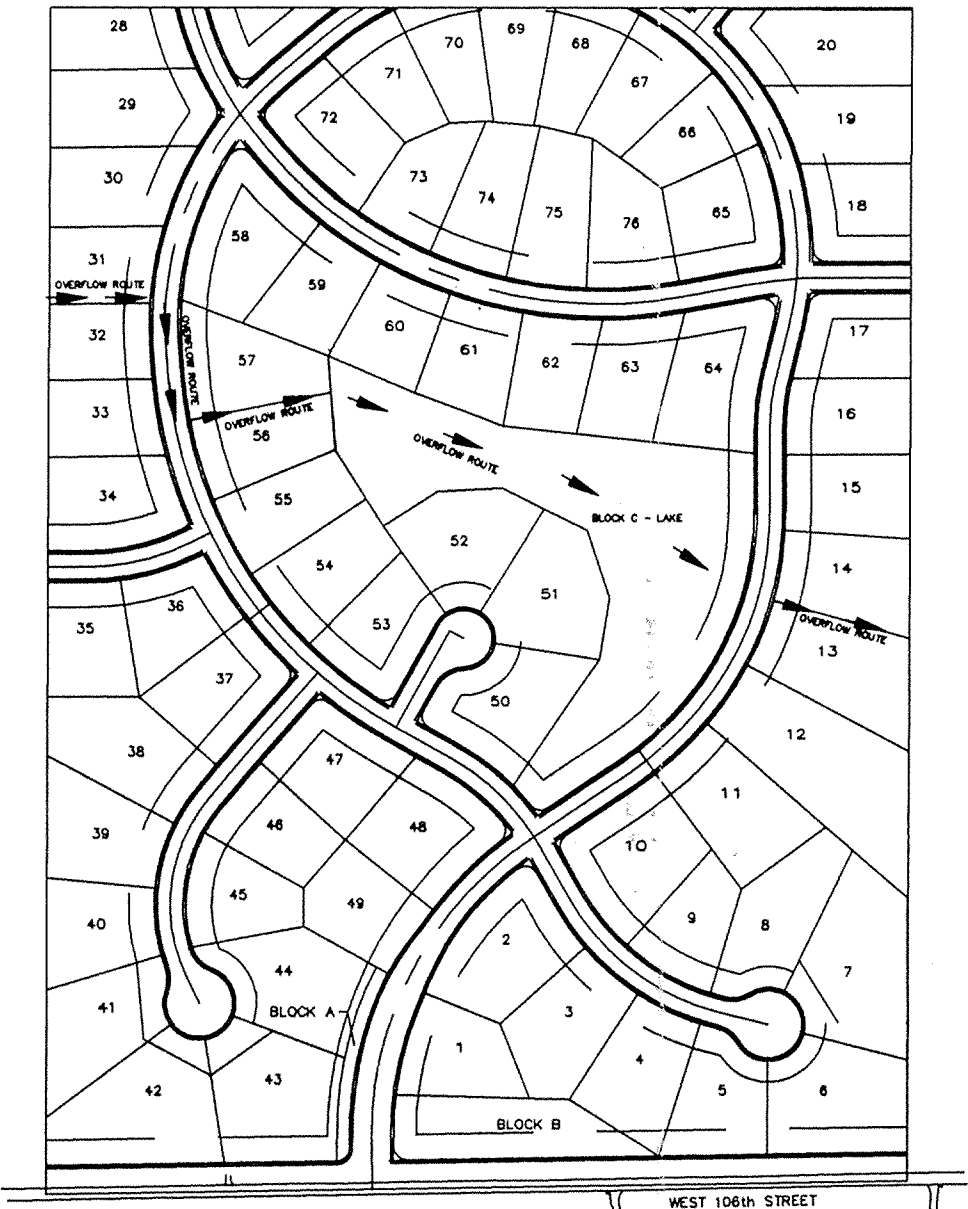
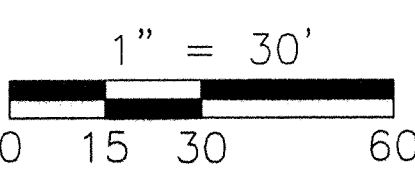
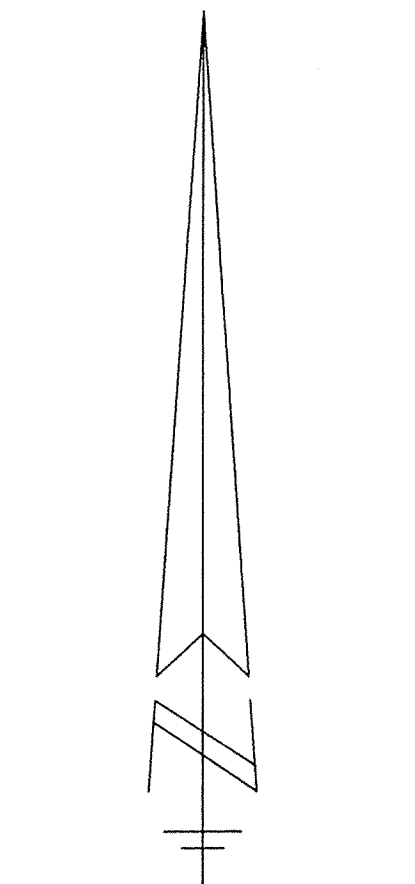


Kenton C. Ward,
Hamilton County Surveyor

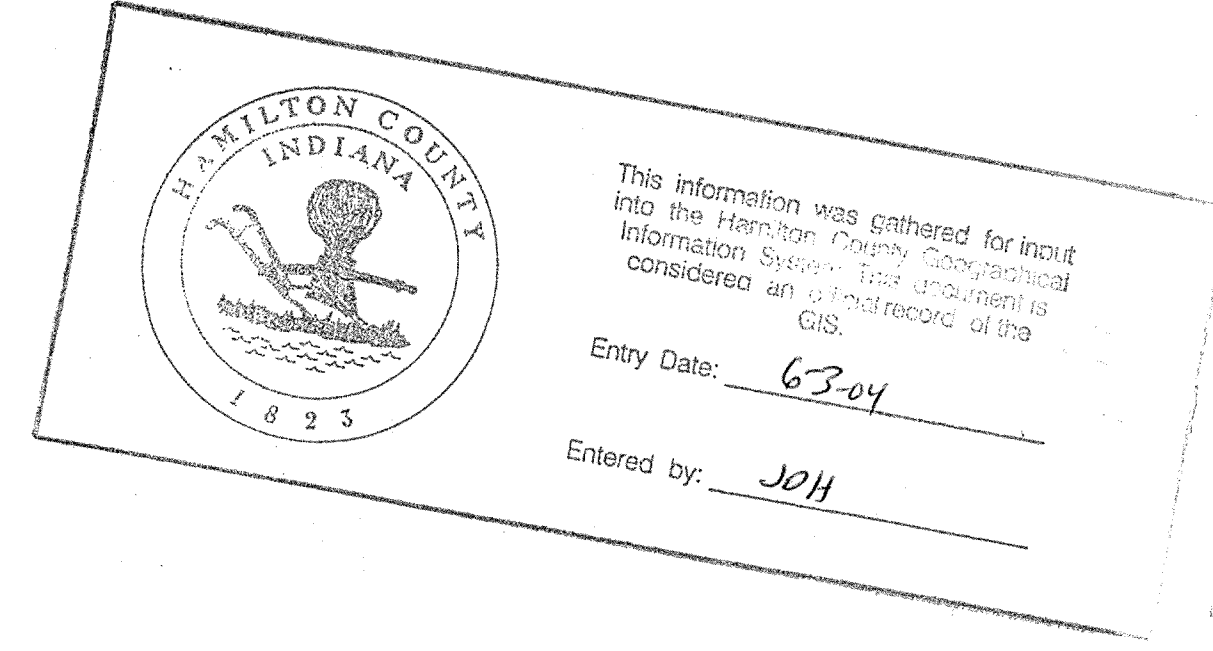
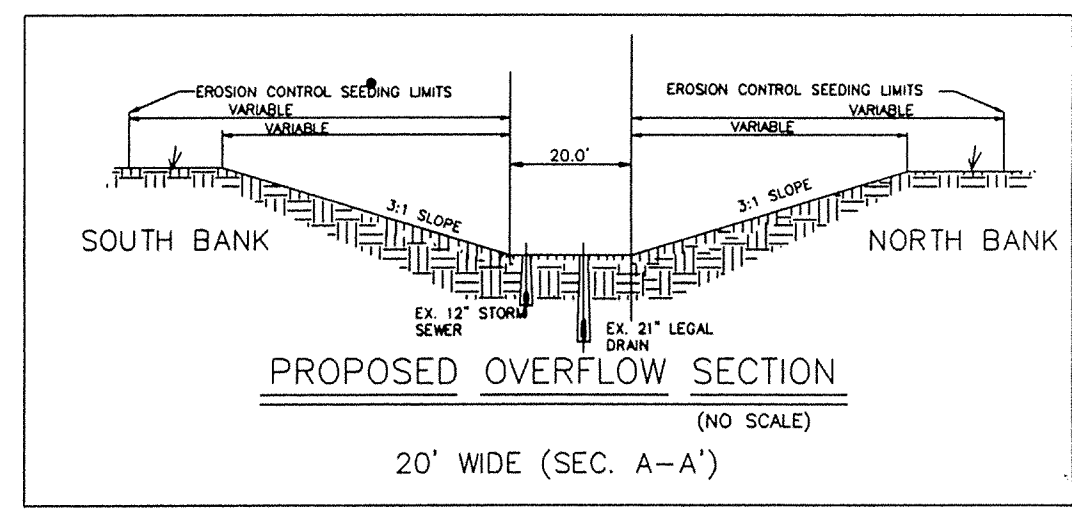
Call 1-800-388-5544
 Call 1-800-428-5200
 2 Working Days
 Before You Dig
 INDIANA UNDERGROUND PROTECTION SERVICE, INC.



"IT'S THE LAW"
 PER INDIANA STATE LAW 15-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.



PROPOSED OVERFLOW ROUTE OF OFFSITE DRAINAGE



THE PROPOSED SWALE SHALL MEANDER THRU THE EXISTING EASEMENT. ACTUAL LOCATION SHALL BE LOCATED IN FIELD.

OVERFLOW SWALE V-SWALE (SEC. B-B')

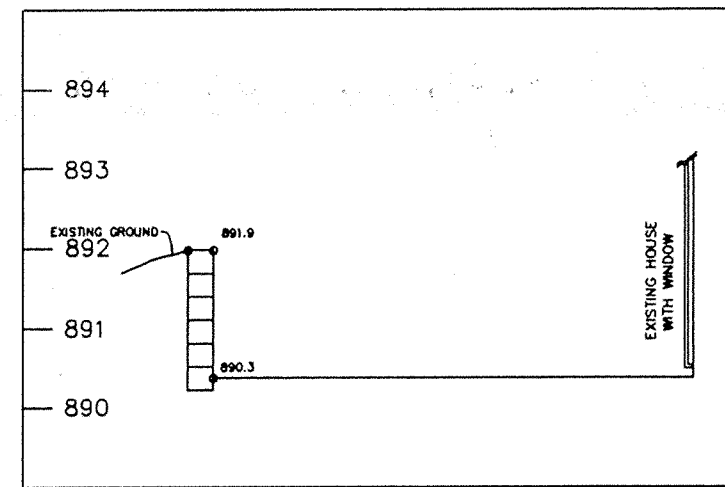
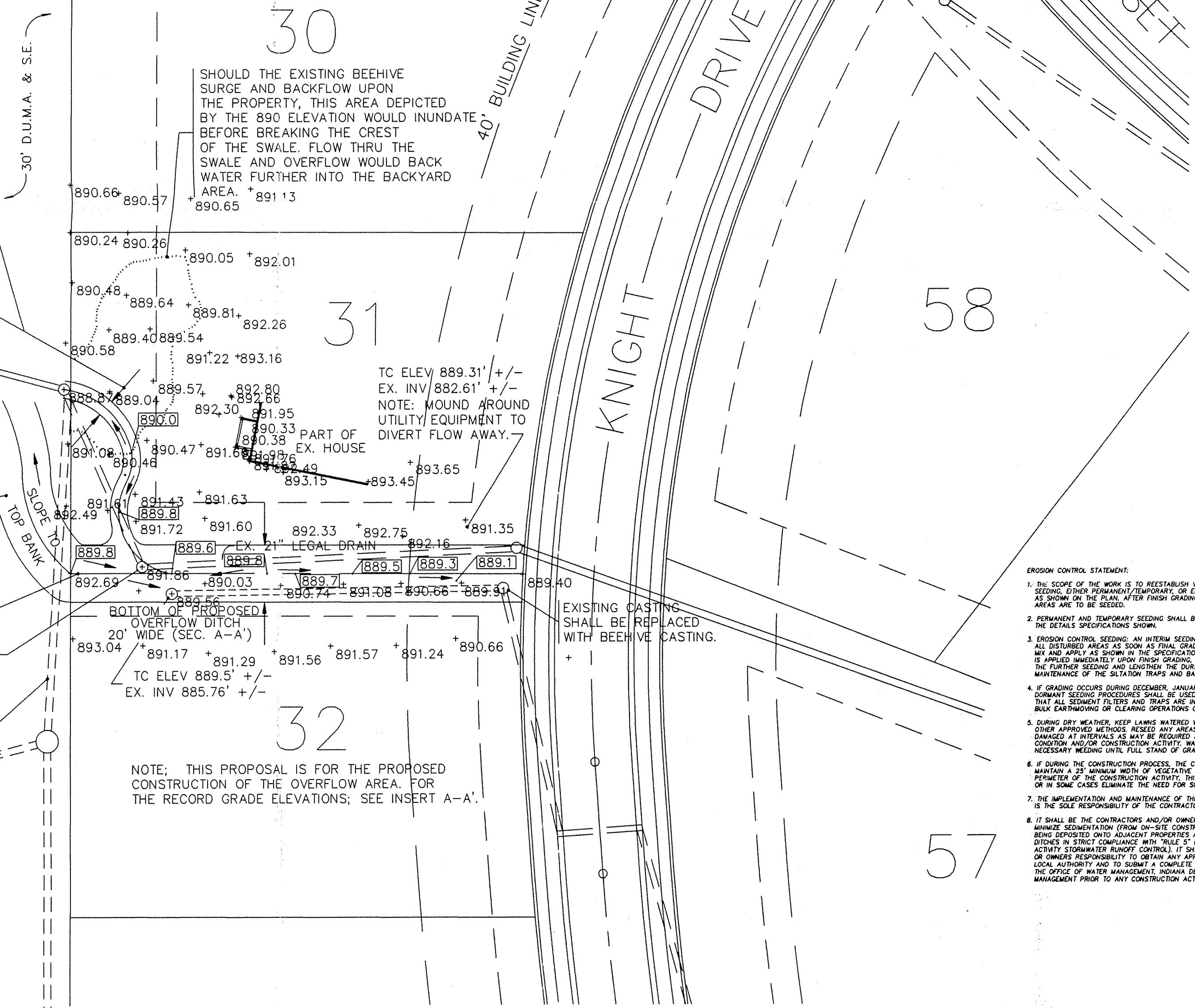
EXISTING BRIDLEBORNE SEC. 3 SUBDIVISION

THE PROPOSED OVERFLOW SHALL MEANDER THRU THE EXISTING TREES. ACTUAL LOCATION SHALL BE LOCATED IN FIELD. MINIMUM GRADE 889.8' ALL CONSTRUCTION WITHIN PLATTED EASEMENTS

APPROXIMATE PROPERTY LINE

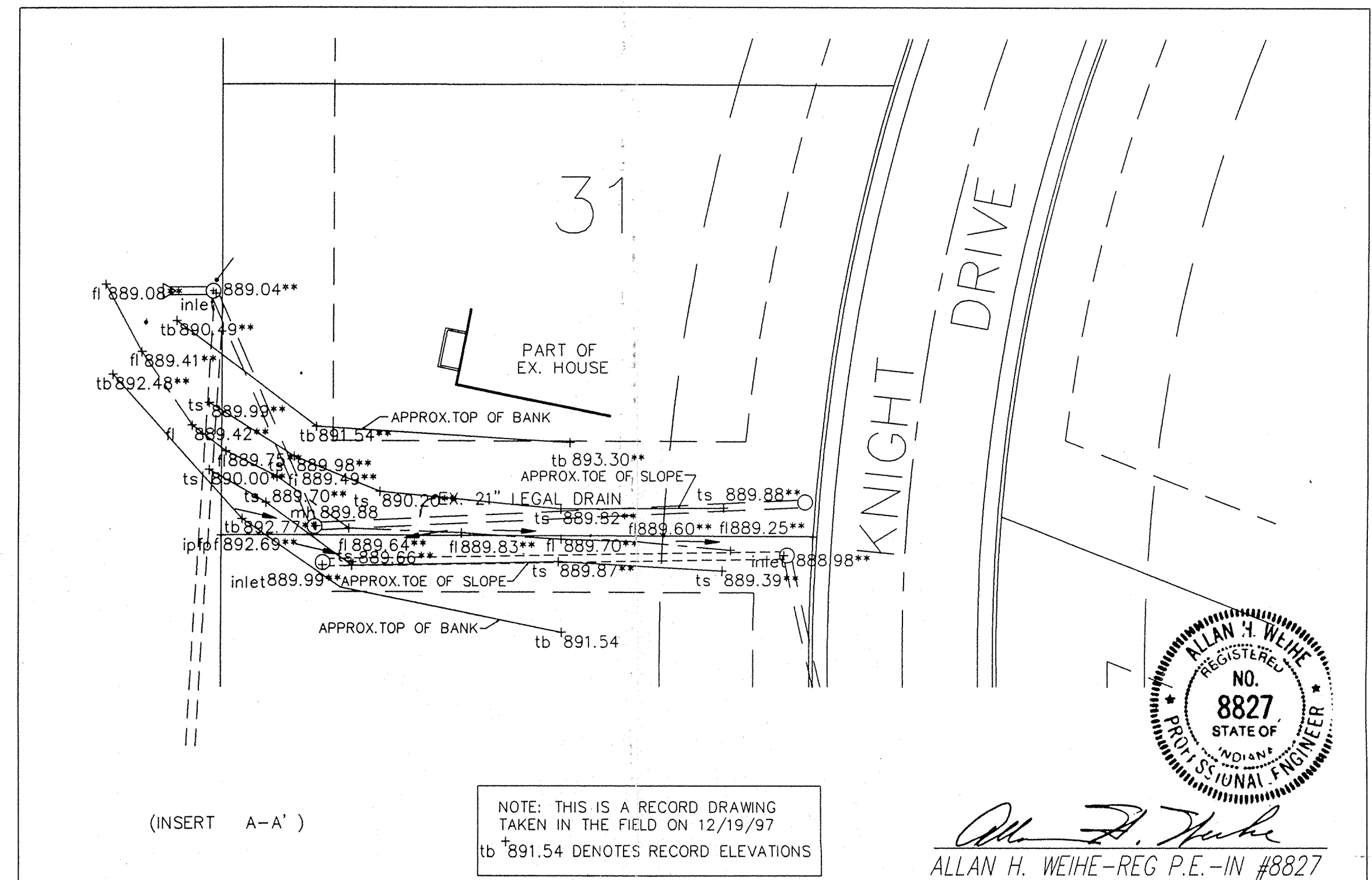
EXISTING TOP OF CASTING SHALL BE LOWERED TO MEET PROPOSED GRADE ELEV 889.7' +/- EX. INV 883.15' +/-

EXISTING STORM SEWER FROM WALNUT CREEK WOODS SUBDIVISION



TYPICAL DETAIL OF EXISTING WINDOW WELL

- EROSION CONTROL STATEMENT:
- THE SCOPE OF THE WORK IS TO REESTABLISH VEGETATIVE COVER BY SEEDING EITHER PERMANENT/TEMPORARY OR EROSION CONTROL TYPES, AS SHOWN ON THE PLAN AFTER FINISH GRADING. ALL CONSTRUCTION AREAS ARE TO BE SEED.
 - PERMANENT AND TEMPORARY SEEDING SHALL BE IN ACCORDANCE WITH THE DETAILS SPECIFICATIONS SHOWN.
 - EROSION CONTROL SEEDING AN INTERIM SEEDING TO BE APPLIED TO ALL DISTURBED AREAS AS SOON AS FINAL GRADING IS ESTABLISHED. MIX AND APPLY AS SHOWN IN THE SPECIFICATIONS. IF THIS SEEDING IS APPLIED IMMEDIATELY UPON FINISH GRADING, IT CAN SAVE SOME OF THE FURTHER SEEDING AND LENGTHEN THE DURATION BETWEEN THE MAINTENANCE OF THE SEEDING TRAPS AND BARRIERS.
 - IF GRADING OCCURS DURING DECEMBER, JANUARY OR FEBRUARY, CURRENT SEEDING PROCEDURES SHALL BE USED. IT IS IMPERATIVE THAT ALL SEDIMENT FILTERS AND TRAPS ARE IN PLACE PRIOR TO BEGIN EXCAVATING OR CLEARING OPERATIONS COMMENCE.
 - DURING DRY WEATHER, KEEP LAWNS WATERED WITH SPRINKLERS OR OTHER APPROVED METHODS. AVOID ANY AREAS OF GRASSLESS OR COMBINED AT INTERVALS AS MANY AS REQUIRED ACCORDING TO SEASONAL CONDITION AND CONSTRUCTION ACTIVITY. WATER GRASS AND EXECUTE NECESSARY WEEDING UNTIL FULL STAND OF GRASS HAS BEEN OBTAINED.
 - IF DURING THE CONSTRUCTION PROCESS, THE CONTRACTOR IS ABLE TO MAINTAIN A 25' MINIMUM MOUND OF VEGETATIVE COVER AROUND THE PERIMETER OF THE CONSTRUCTION ACTIVITY, THIS WILL GREATLY REDUCE OR IN SOME CASES ELIMINATE THE NEED FOR SEEDING BARRIERS.
 - THE IMPLEMENTATION AND MAINTENANCE OF THIS EROSION CONTROL PLAN IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR OWNER.
 - IT SHALL BE THE CONTRACTOR'S AND/OR OWNER'S RESPONSIBILITY TO MINIMIZE SEDIMENTATION (FROM ON-SITE CONSTRUCTION ACTIVITY) FROM BEING DEPOSITED ONTO ADJACENT PROPERTIES AND REEVALUATING STREETS. DISTRICT COMPLIANCE WITH RULE 3 (327 IAC 12-5. CONSTRUCTION ACTIVITY SEDIMENTATION CONTROL). IT SHALL ALSO BE THE CONTRACTOR'S AND/OR OWNER'S RESPONSIBILITY TO OBTAIN ANY APPROVALS REQUIRED FROM THE LOCAL AUTHORITY AND TO SUBMIT A COMPLETE NOTICE OF INTENT LETTER TO THE OFFICE OF WATER MANAGEMENT, INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT PRIOR TO ANY CONSTRUCTION ACTIVITY.



NOTE: THIS IS A RECORD DRAWING TAKEN IN THE FIELD ON 12/19/97
 tb 891.54 DENOTES RECORD ELEVATIONS



ALLAN H. WEIHE
 REG. P.E. - IN #8827

WEIHE ENGINEERS, INC.
 15656 NORTH COLLETT AVENUE
 INDIANAPOLIS, INDIANA 46280
 (317) 846-6611
 LAND PLANNERS
 CIVIL ENGINEERS

PREPARED FOR:
KINGS MILL CORP.
 CARMEL, INDIANA

DEVELOPMENT PLAN - KINGS MILL SECTION TWO

DATE: 04/09/99
 BY: jpb
 CHECKED BY: jpb
 12/19/97

JOB NO: 03.1282
 DRAWN BY: jpb
 CHECKED BY: jpb

REVISIONS:
 GEN. REV.
 RECORD Dwg

ENTERED BY: JWH
 ENTRY DATE: 6-3-04

SCALE: NONE

FILE: KING