Drain: HUNTERS CREEK VILLAGE DRAIN **Drain #:** 149
Improvement/Arm: HUNTERS CREEK VILLAGE - SECTION 2
Operator: JDH **Date:** 1-5-04
Drain Classification: **Urban/Rural** **Year Installed:**

GIS Drain Input Checklist

- Pull Source Documents for Scanning — JAA 1-5
- Digitize & Attribute Tile Drains — N/A
- Digitize & Attribute Storm Drains — JAA 1-6
- Digitize & Attribute SSD — JAA 1-6
- Digitize & Attribute Open Ditch — N/A
- Stamp Plans — JAA 1-6
- Sum drain lengths & Validate — JAA 1-6
- Enter Improvements into Posse — JAA 1-6
- Enter Drain Age into Posse — JWJ 1-22
- Sum drain length for Watershed in Posse — JWJ 1-22
- Check Database entries for errors — JAA 1-6

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Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: HUNTERS CREEK VILLAGE DRAIN - HUNTERS CREEK VILLAGE - SECTION 2

Drain Type:	Size:	Length (SURVEYORS RECORDS)	Length (DB Query)	Length Reconcile	Price:	Cost:
					N/Applicable	
SSO	6"	1,115'	1,115'	Ø	$2.00	$2230.00
	8"	2,010'	2,010'	Ø	3.00	6,030.00
RCP	12"	588'	588'	Ø	7.25	4,263.00
	15"	160'	160'	Ø	9.50	1,520.00
	18"	425'	425'	Ø	10.50	4,462.50
	21"	Ø	50'	+50'	14.25	712.50
	24"	821'	821'	Ø	18.00	14,778.00
	30"	851'	851'	Ø	24.60	20,934.60
Sum:		5,970'	6,020'	+50'		$54,930.60

Final Report: _____

Comments:

50' OF 21" NOT SHOWN ON SR BUT SHOWN ON ASBUILTS.

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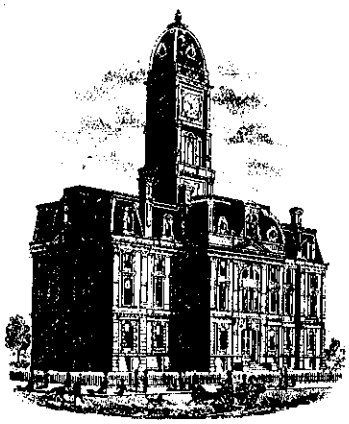

SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060 February 14, 1984

TO: Hamilton County Drainage Board

RE: Hunters Creek Village Sections II and III

Attached is a petition, plans, Engineers estimate, calculations and assessment roll for Hunters Creek Village, Section 2 and 3. I have reviewed the material which has been submitted and find it to be in proper order. I have also made a personal inspection of the site and believe that the proposed drain will be practicable; will be of Public Utility, and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accuring to the owners of land likely to be benefited.

The drain will be approximately 8253 feet in lenght (see Engineers estimate for breakdown) and will include the retention pond.

With fifty (50) lots involved, assessed at $15.00/lot and 1.8ac of roadway assessed at $3.00/ac the total yearly assessment will be $779.10.

Kenton C. Ward-County Surveyor

KCW/no

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3675 North Post Road
Indianapolis, Indiana 46226
(317) 898-8282
Mailing Address
P. O. Box 26068

Vincent J. Schneider, PE LS, President
John V. Schneider PE LS, V.P.

SCHNEIDER ENGINEERING CORPORATION
Civil Engineers - Land Surveyors

ENGINEER'S ESTIMATE

PROJECT: Hunter's Creek Village Section II and Section III DATE: Revised 1/21/84

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
	Storm Sewer				
	12" RCP	588	lft.	11.50	6,762.00
	15" RCP	160	lft	12.50	2,000.00
	18" RCP	42.5	lft	13.50	5,737.50
	21" RCP	50	lft	14.75	737.50
	24" RCP	821	lft	17.25	14,162.25
	30" RCP	851	lft	20.00	17,020.00
	36" RCP	50	lft	23.00	1,150.00
	Structures				
	Street Inlets	15	ea.	550.00	8,250.00
	Bee Hives	7	ea.	550.00	3,850.00
	End Sections				
	12"	2	ea.	125.00	250.00
	30"	2	ea.	225.00	450.00
	36"	1	ea.	250.00	250.00
	Concrete Headwall	1	ea.	750.00	750.00
	Sub Surface Drain				
	8"	2035	lft.	6.50	13,227.50
	6"	1810	lft.	5.00	9,050.00
	Rip Rap	155	sq.yds	10.00	1,550.00
	Earthwork (including pond)	20,000	cu. yds	2.50	50,000.00
	TOTAL				$135,196.75

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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

September 22, 1997

Re: **Hunter's Creek Village Drain: Sec. 2 Arm**

Attached are as-builts, certificate of completion & compliance, and other information for Hunter's Creek Village Sec. 2. 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 February 14, 1984. The changes are as follows:

6"SSD 1,115 feet	8"SSD 2,010 feet	12"RCP 588 feet	15"RCP 160 feet
18"RCP 425 feet	24"RCP 821 feet	30"RCP 851 feet	

The length of the drain due to the changes described above is now **5,970 feet**.

The non-enforcement for this section was not submitted to the Board for approval.

The bond or letter of credit has been recommended for release in a letter to the Commissioners dated December 4, 1987.

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

NEEDS
REVISED REPORT
SLM 10/10/00

Sincerely,

Kenton C. Ward,
Hamilton County Surveyor

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Asbuilt Structures

Project: Hunters Creek Village Sec 2

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
106	—	852.6				
107	855.75	853.5	12"	150'		
118	858.16	855.51				
117	858.16	855.43	12"	26'		
117	858.16	855.03				
109	857.0	854.63	15"	1160'		
109	857.0	853.63				
108	—	852.71	30"	230'		
109	857.0	854.03				
110	860.30	856.19	24"	240'		
110	860.30	857.39				
111	864.6	858.43	24"	115'		
111	864.6	858.79				
112	863.8	859.87	24"	120'		
112	863.8	859.87				
113	863.8	860.10	24"	26'		
113	863.8	860.10				
114	864.45	860.37	24"	30'		

6" SSD Streets:

Total: _____

6" SSD Lots:

Total: _____

RCP Pipe Totals:

Other Drain:	

Total Length of Drain: _____

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Asbuilt Structures

Project: Hunters Creek Village Sec 2

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
114	864.45	861.37				
119	864.45	861.45	12"	26'		
114	864.45	860.57				
115	865.20	861.62	24"	140'		
115	865.20	861.62				
116	866.0	862.52	24"	150'		
125	867.93	863.87				
124	867.93	863.79	30"	26'		
124	867.93	862.79				
123	865.50	861.99	30"	160'		
123	865.50	861.49				
122	865.11	860.74	30"	150'		
122	865.11	860.24				
121	864.53	859.80	30"	80'		
121	864.53	859.30				
120	862.0	858.45	30"	155'		
120	862.0	858.25				
119	—	857.90	30"	50'		

6" SSD Streets:

Total: _____

6" SSD Lots:

Total: _____

RCP Pipe Totals:

Other Drain:	

Total Length of Drain: _____

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Asbuilt Structures

Project: Hunter's Creek Village Sec. 2

Structure:	T.C.:	I.E.:	Pipe:	Length:	Original Plans:	Difference:
ES	—	846.47				
105	856.05	852.80	12"	180'		
103	859.95	857.5				
102	859.95	857.42	12"	26'		
102	859.95	857.42				
101	859.95	856.07	12"	180'		
101	859.95	857.45				
EX	—	—	18"	25'		
101	859.95	855.87				
EX.	854.50	847.87	18"	400'		

6" SSD [redacted]

	110'
	125'
	120
	320'
	100'
	340'

Total: 1115

8" SSD [redacted]

	600'
	260'
	190'
	600'
	60'
	300'

Total: 2010

RCP Pipe Totals:

12"	588'
15"	160'
18"	425'
24"	821'
30"	851'

2845

Other Drain:

Total Length of Drain: 5970'

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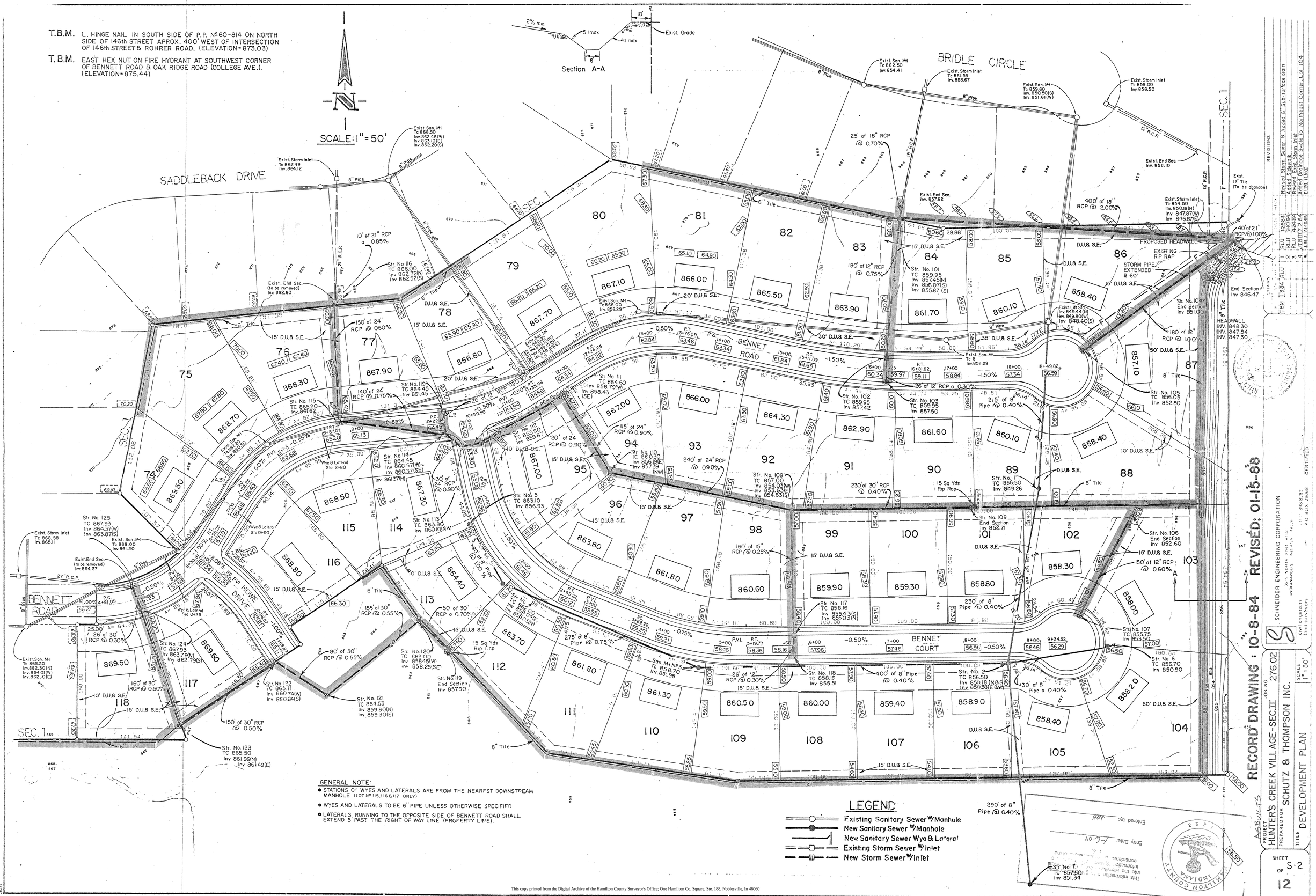
T.B.M. L. HINGE NAIL IN SOUTH SIDE OF P.P. №60-814 ON NORTH SIDE OF 146th STREET APROX. 400' WEST OF INTERSECTION OF 146th STREET & ROHRER ROAD. (ELEVATION=873.03)

T.B.M. EAST HEX NUT ON FIRE HYDRANT AT SOUTHWEST CORNER OF BENNETT ROAD & OAK RIDGE ROAD (COLLEGE AVE.). (ELEVATION=875.44)

SCALE: 1" = 50'

Section A-A



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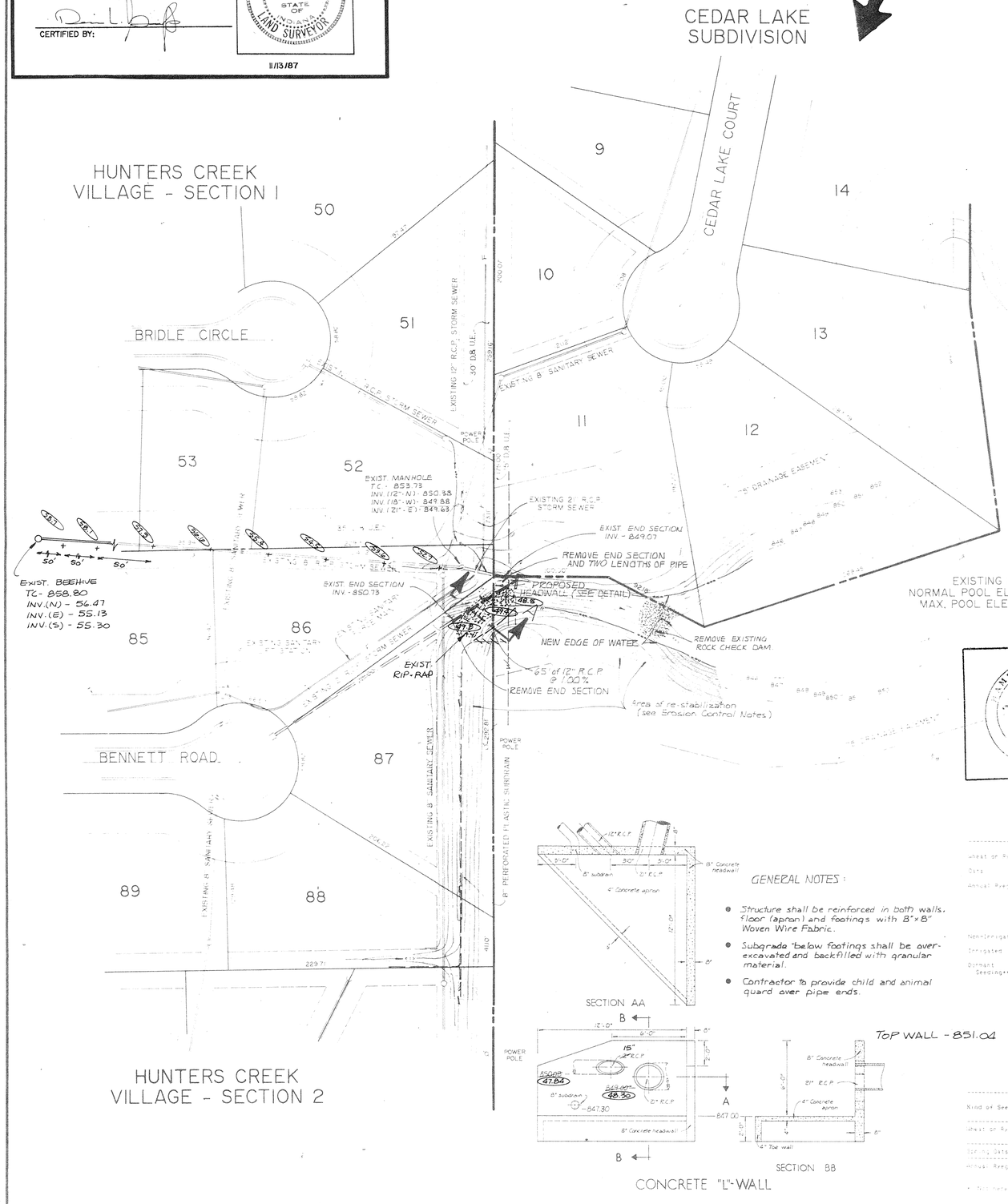
CERTIFICATION FOR "AS BUILT" STORM SEWER.
STORM DRAINAGE ELEVATIONS ONLY

CERTIFIED BY:

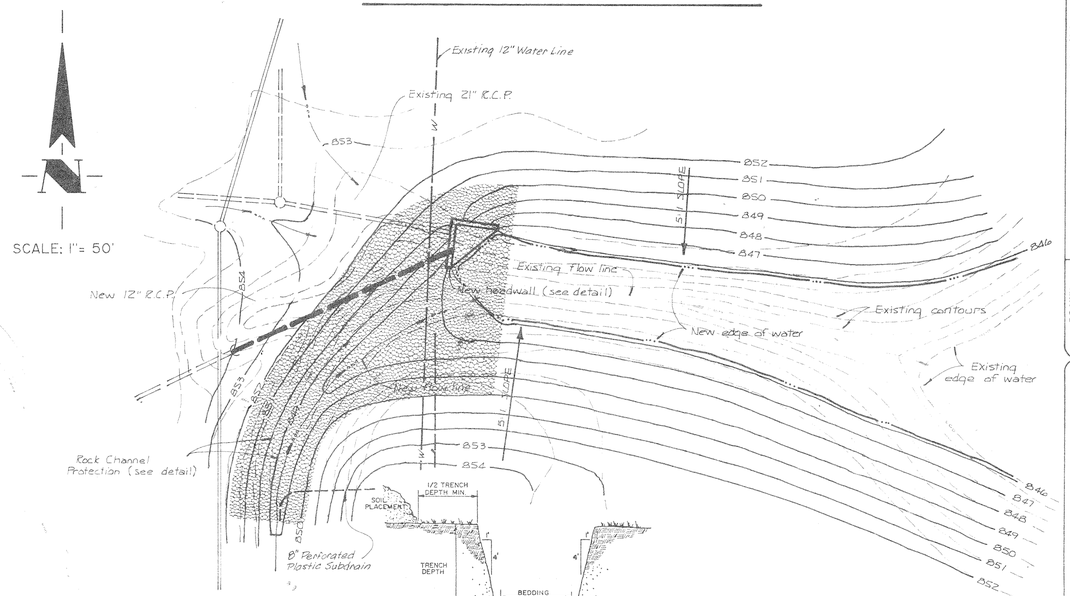
DENNIS L. GROWE REGISTERED No. 30303 STATE OF INDIANA LAND SURVEYOR

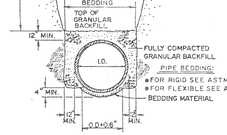
11/13/87

(50.0) GRADE ELEVATIONS OF RECORD

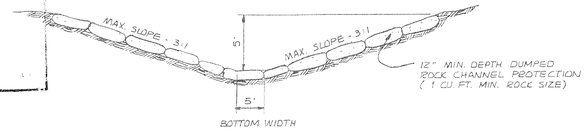


DRAINAGE OUTLET RECONSTRUCTION PLAN





TRENCH AND BEDDING DETAIL



ROCK CHANNEL DETAIL (A)

HAMILTON COUNTY INDIANA 1823

This information was gathered for input into the Hamilton County Geographical Information System. Full development is contingent on approval of the C.O.P.

Entry Date: 1-6-94

Entered by: JOH

SECTION AA

SECTION BB

CONCRETE "L"-WALL

GENERAL NOTES:

- Structure shall be reinforced in both walls, floor (apron) and footings with 8"x8" Woven Wire Fabric.
- Subgrade below footings shall be over-excavated and backfilled with granular material.
- Contractor to provide child and animal guard over pipe ends.

Temporary Seeding Dates

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Wheat or Rye												
Oats												
Annual Ryegrass												

Permanent Seeding Dates

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Non-Irrigated*												
Irrigated												
Dormant Seeding**												

*** Irrigation needed during this period. To control erosion at times other than in the shaded areas, use mulch.

* Late summer seeding dates may be extended 5 days if mulch is applied.

** Increase seeding application by 50%.

Temporary Seedings

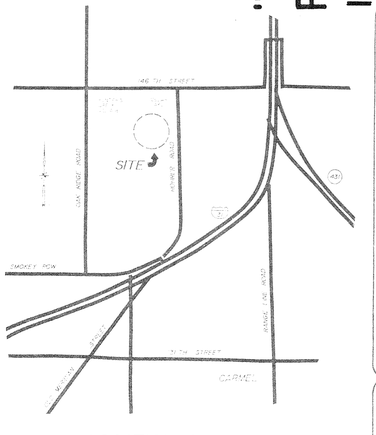
Kind of Seed	Rates per: 1000 Sq. Ft.	Acre	Remarks
Wheat or Rye	3.5 lbs.	2 bu.	Cover seed 1" to 1 1/2" deep
Spring Oats	3.3 lbs.	3 bu.	Cover seed 1" deep
Annual Ryegrass	1 lb.	40 lbs.	Cover seed 1/4" deep*

* Mulch material where mulch is applied.

EROSION CONTROL

- LAND ALTERATIONS WHICH STRIP THE LAND OF VEGETATION, INCLUDING REGRADING, SHALL BE DONE IN A WAY THAT WILL MINIMIZE EROSION. WHENEVER FEASIBLE, NATURAL VEGETATION SHALL BE RETAINED, PROTECTED AND SUPPLEMENT.
- THE DURATION OF TIME WHICH AN AREA REMAINS EXPOSED SHALL BE KEPT TO A PRACTICAL MINIMUM. THE AREA SHALL BE STABILIZED AS QUICKLY AS PRACTICAL.
- TEMPORARY VEGETATION OR MULCHING SHALL BE USED TO PROTECT EXPOSED AREAS DURING DEVELOPMENT.
- PERMANENT AND FINAL VEGETATION OR STRUCTURAL EROSION CONTROL DEVICES SHALL BE INSTALLED AS SOON AS PRACTICAL UNDER THE CIRCUMSTANCES.
- SEDIMENT IN RUN-OFF WATER SHALL BE TRAPPED BY THE USE OF SUCH METHODS AS DEBRIS BASINS, AND SILT TRAPS UNTIL THE DISTURBED AREA IS STABILIZED.

FILED
NOV 16 1987
HAMILTON COUNTY DRAINAGE BOARD



LOCATION MAP

"AS BUILT" RECORD DRAWING
11/13/87

DRAWN BY	DATE	CHECK NO.	BY	DATE	CHECK	REVISIONS
dlg	8/1/87		dlg	8/26/87	dlg	Moved conc. headwall 25' east, revised lake & inverts, subdrain location.

SCHNEIDER ENGINEERING CORPORATION
3020 NORTH POST ROAD
INDIANAPOLIS, INDIANA 46226-6518
(317) 898-8282
P.O. BOX 26068
civil engineers
land surveyors
CERTIFIED

JOB NO. 276.02

PROJECT: HUNTER'S CREEK VILLAGE 2
PREPARED FOR: QUADRANT DEV. CO. INC.
TITLE: DRAINAGE OUTLET RECONSTR.
SCALE: 1" = 50'
SHEET ___ OF ___

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