

Drain: THOMAS NUSSEY Drain #: 95
 Improvement/Arm: CROOKED STICK
 Operator: J. LIVINGSTON Date: 1-27-04
 Drain Classification: Urban/Rural Year Installed: 1975

GIS Drain Input Checklist

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

CIVIL ENGINEERING
LAND SURVEYING

PAUL I. CRIPE, INC.

150 E. MARKET STREET
INDIANAPOLIS, IND. 46204
636-5411

#7454
SUBDIVISION DESIGN
BUILDING DESIGN

November 6, 1975

Mr. Robert Clements
Hamilton County Surveyor
Hamilton County Court House
Noblesville, Indiana 46060

Re: Thomas Hussey Ditch
Sec 4, T17N, R3E
Hamilton County, Indiana

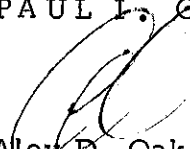
Dear Bob:

A final inspection has been conducted of the improvements related to the reconstruction of the Thomas Hussey Ditch. It is hereby certified that the Ditch has been reconstructed in accordance with the approved plans and specifications as set forth in the "Ditch Improvement Plan, Thomas Hussey Ditch" prepared by our firm and dated May 28, 1975.

As you recall, formal action was taken by the Drainage Board at the time of plan approval to render a portion of the 150 foot plus easement "non-enforceable". I would appreciate your extracting this conversation from the Board minutes and recording the same so that such information can be included on the record plat for Crooked Stick Estates-Section Five and Six.

Sincerely,

PAUL I. CRIPE, INC.


Alex D. Oak
Registered Professional Engineer
Indiana #15640


ADO/dhl

FILED

NOV 10 1975

OFFICE OF HAMILTON COUNTY SURVEYOR

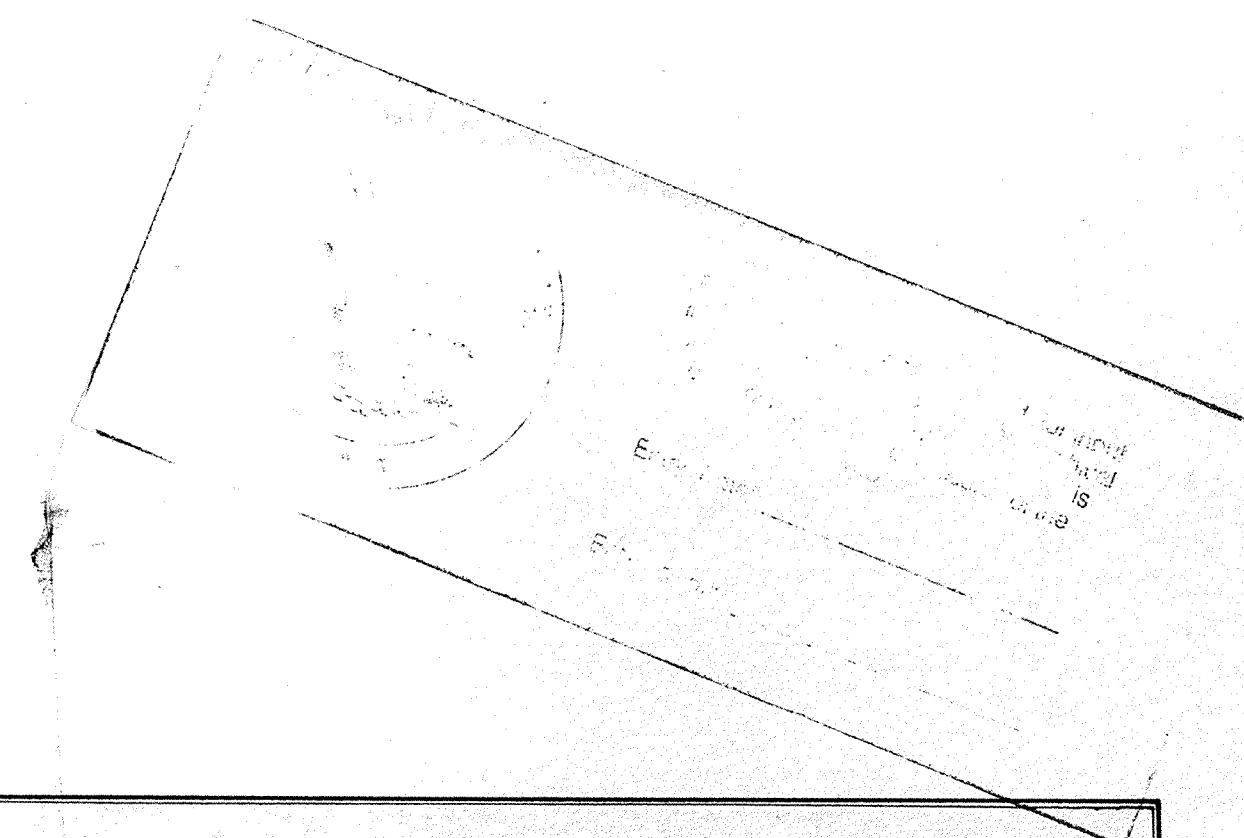
By 



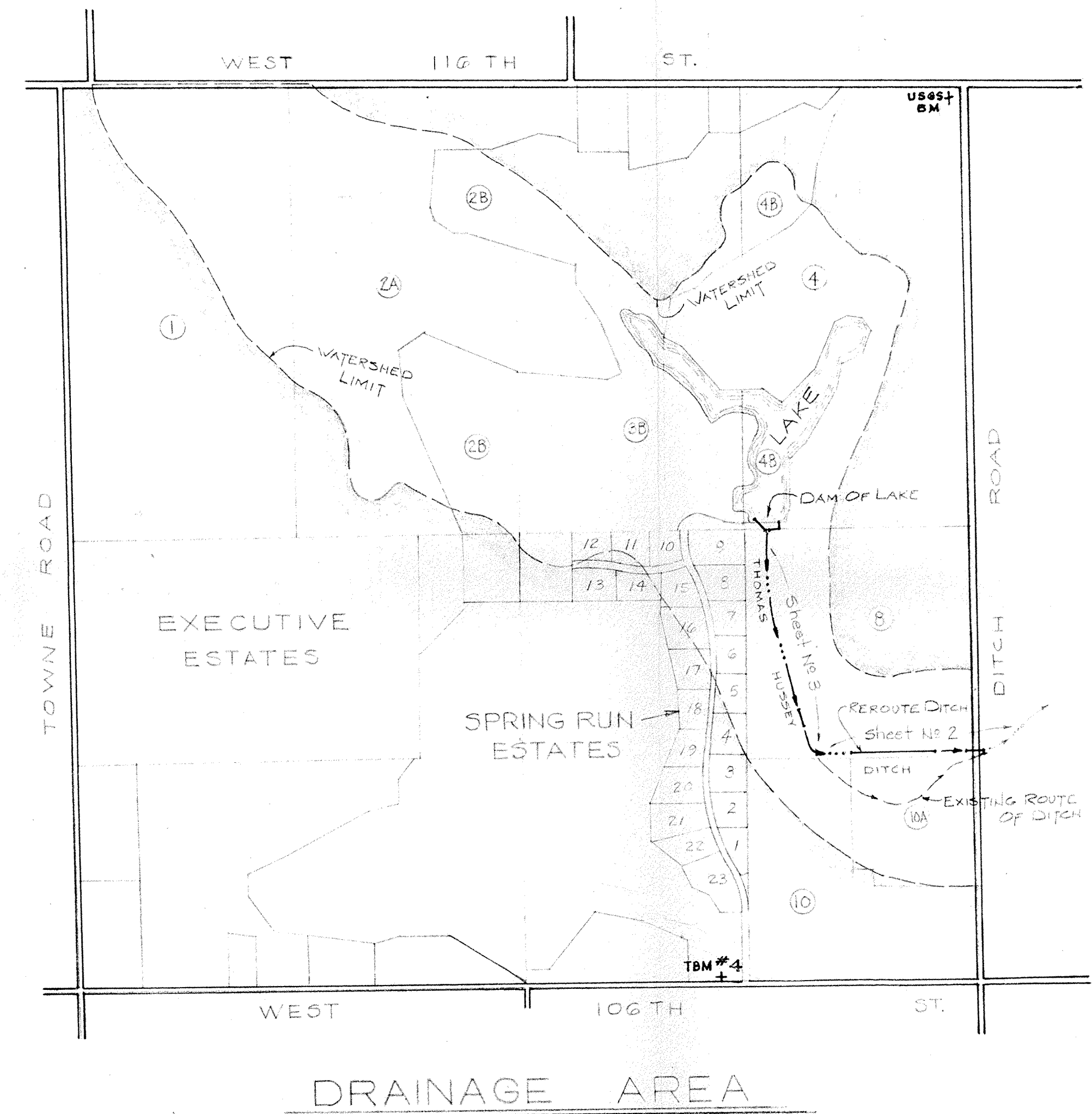
This information was gathered for input into the Hamilton County Geographical Information System via documents considered an official record of the GIS.

Entry Date: 1-27-04

Entered by: [Signature]



- Thomas Hussey Legal Drain
Land Owners of Record in Original Assessment Area
(Refer Plan View of Drainage Area for Area of Ownership)
- Tract 1
Wilfred C. Fish & Pauline K., R.#2, Township Line Road, Carmel, Indiana 46032, 87.50 ac.
- Tract 2A
The Indiana National Bank, Trustee (Petitioner), 63.51 acres, One Indiana Square, Indianapolis, Indiana 46204
- Tract 2B
Curtis Miller & William C. Griffith, Jr., 189.34 acres, 7979 Sycamore Road, Indianapolis, Indiana 46240
- Tract 3B
Merchants National Bank & Trust Co., 11 South Meridian Street, Indianapolis, Indiana 46204, Attention: Frank Donner, Vice President
- Tract 4
The Indiana National Bank, Trustee (Petitioner), 64.55 acres, ibid.
- Tract 4B
Curtis Miller & William C. Griffith, Jr., ibid.
- Tract 8
The Indiana National Bank, Trustee (Petitioner), 40 acres, ibid.
- Tract 10
Jane S. Rothbaum, 7334 Lionshead Drive, Apt A, Indianapolis, Indiana 46260
- Tract 10A
Jay William Lang & Eleanor G., 12.71 acres, R. R. 2, Box 303A, Ditch Road, Carmel, Indiana 46032
- SPRING RUN ESTATES
- Lot 1
Norman E. & Mary Louise Eggers, 10715 Crooked Stick Lane, Carmel, Indiana 46032
- Lot 2
The Fountain Square Building & Realty Company, Merchants National Bank & Trust Co., C/O Mr. Bob Sweeney, 11 South Meridian Street, Indianapolis, Indiana 46204
- Lot 3
The Fountain Square Building & Trust Company, ibid.
- Lot 4
William B. Stokely III, 941 North Meridian Street, Indianapolis, Indiana 46204
- Lot 5
William B. Stokely III, ibid.
- Lot 6
Allen G. Carlson & Mary Caroline, 10909 Crooked Stick Lane, Carmel, Indiana 46032
- Lot 7
Samuel A. Fuller & Elizabeth H., 12304 Windsor Drive, Indianapolis, Indiana 46240
- Lot 8
David C. Krimendahl & Martha L., 9595 Copley Drive, Indianapolis, Indiana 46260
- Lot 9
James E. Riley & Leslie A., 3029 Warren Way, Apt D., Carmel, Indiana 46032
- Lot 10
John K. Bryant, Coffin Golf Club, West 30th Street, Indianapolis, Indiana 46222
- Lot 11
Frederick M. Hadley, 1806 Burning Tree Lane, Carmel, Indiana 46032
- Lot 12
Frederick M. Hadley, 99 East 106th Street, Indianapolis, Indiana 46280 (office?)
- Lot 13
Robert A. & Sue M. Claycombe, One Indiana Square, Suite 2250, Indianapolis, Indiana 46204
- Lot 14
Robert H. Rhodehamel, Jr., R.R.2, Box 417, Zionsville, Indiana 46077
- Lot 15
Richard M. Fairbanks, 5712 Sunset Lane, Indianapolis, Indiana 46208
- Lot 16
Loren C. Mann, P.O.Box 34275, Indianapolis, Indiana 46234
- Lot 17
Robert Eugene & Jean Ann Leeper, 746 Balroyal Court, Indianapolis, Indiana 46234
- Lot 18
James D. Price, 5638 Professional Circle, P.O.Drawer DC, Indianapolis, Indiana 46241
- Lot 19
Jeanette P. Reilly, 7075 North Pennsylvania Street, Indianapolis, Indiana 46220
- Lot 20
Thomas N. & Sharon K. Swift, 1526 Howter Road, Indianapolis, Indiana 46239
- Lot 21
John Francis Madden & Geneva Louise Madden, 10770 Crooked Stick Lane, Carmel, Indiana 46032
- Lot 22
Merchants National Bank & Trust Company, Indianapolis, Trustee, C/O Atkinson Co. 11 South Meridian Street, Indianapolis, Indiana 46204, Attn: Mary Y. Marsh
- Lot 23
James L. Kittle, Jr., 8600 Allisonville Road, Indianapolis, Indiana 46250



Total Acreage = 215 Acres
Scale: 1" = 600'

- STORM SEWER SPECIFICATIONS**
- Standard specifications of Hamilton County shall apply for all work and materials.
 - All storm sewer pipe shall be corrugated metal pipe conforming to AASHO designation M36, 16 gauge, unless otherwise specified on plan.
 - Backfill around all structures and cuts under paved areas with granular backfill.
 - The Contractor shall be responsible for obtaining State Highway and County permits as required.
 - See standard details on these plans for construction dimensions of storm sewers.
 - Storm sewer discharge areas and inverts are tentative, and are subject to field modifications by the Engineer or his representative. The Contractor will be reimbursed for any additional labor and materials necessary to complete any modifications, according to the unit prices submitted by the Contractor on the contract documents.
 - The Contractor shall provide at least two feet of cover over all storm sewers.
 - The Contractor shall be required to place rip rap in the best manner as dictated by field conditions. Areas where rip rap is placed and method of placement is subject to the approval of the Engineer. Rip rap shall be a minimum 1/3 cubic feet in size and laid a minimum of 18" deep. The Contractor shall be reimbursed for labor and materials as outlined in Item #6 above.
- EROSION CONTROL SPECIFICATIONS**
- Seed and Fertilizer: 30#/acre tall fescue, 5#/acre rye grass, 600# 12-12-12 fertilizer/acre, follow with 2 ton straw/acre. Seed and fertilize entire ditch cross section immediately after construction.
 - Rip Rap: minimum 1/3 cubic feet in size to be placed a minimum of 18" deep (or as specified) at all locations shown on the plan and in areas of localized erosion at the direction of the Engineer in the field.
 - Standard End Sections: are to be placed on all storm pipes in the drainage way.

BENCH MARK DATA:

- TBM # 4: EL.847.94
SE Cor. of N. Hdwl. 100' W. of Crooked Stick Dr. on 106th St.
- USGS BM EL.844.83
SW Cor. 116th St. and Ditch Rd.

PETITIONER: Crooked Stick Development Corporation
Guernsey Van Riper, Jr., President

DEVELOPER: Eugene Friedmann

DITCH IMPROVEMENT PLAN

THOMAS HUSSEY DITCH

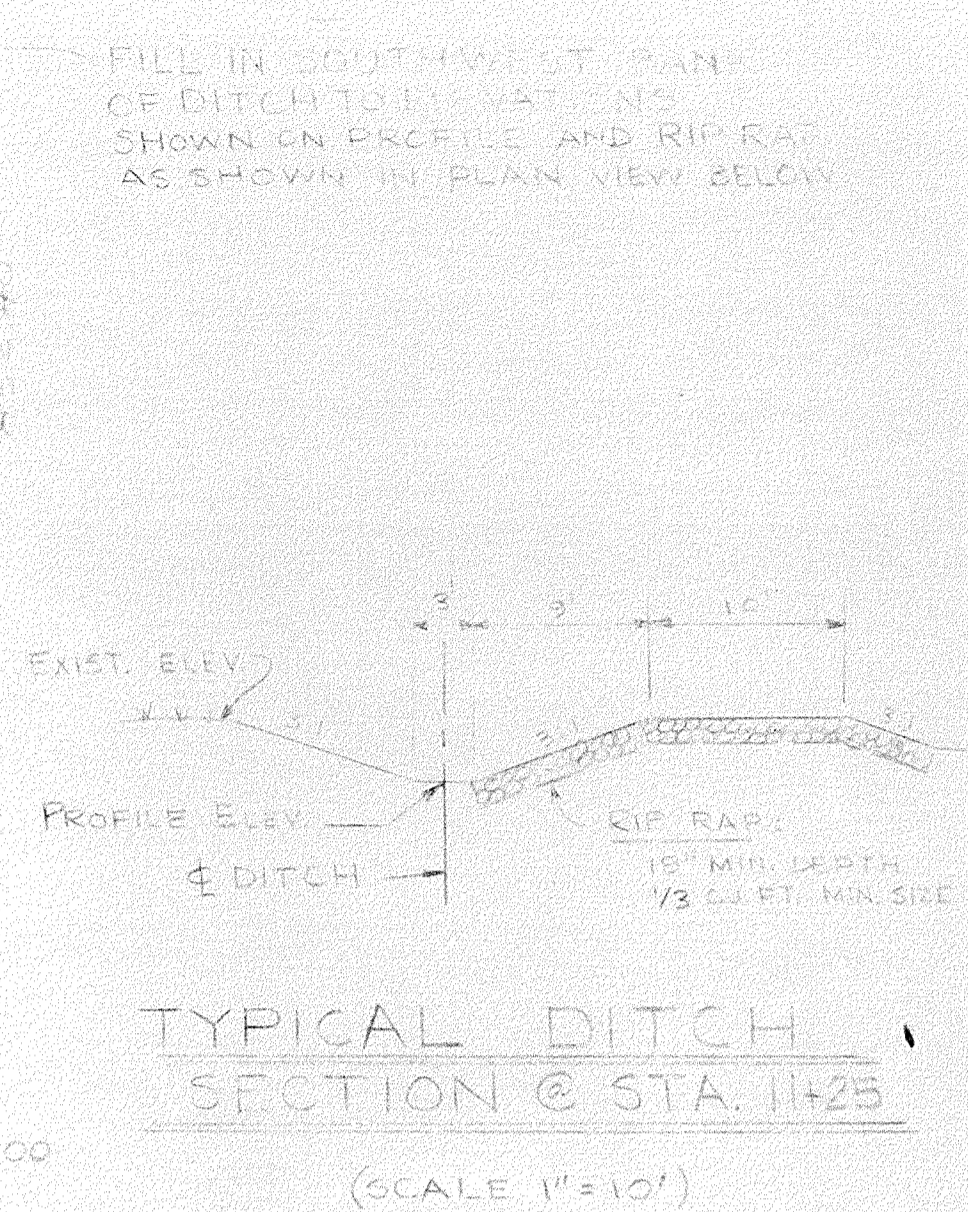
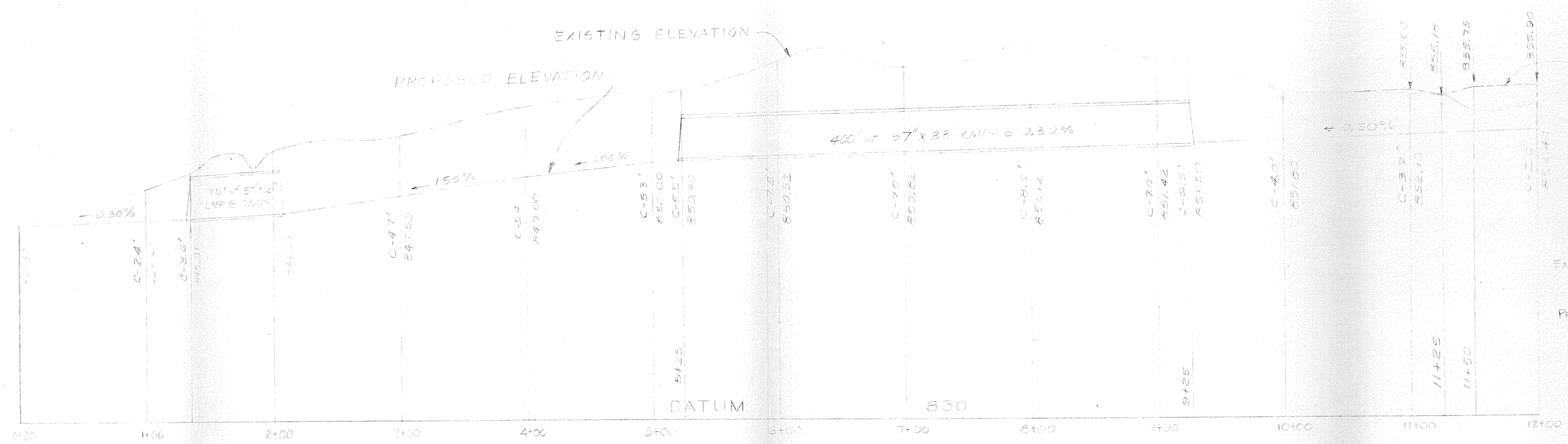
SECTION 4, TOWNSHIP 17 NORTH, RANGE 3 EAST

SCALE	AS SHOWN	DATE	5/28/03	SEAL	PAUL I. CRIFE, INC.
DRAWN BY	JAS	JOB NO.	6-07454	DESIGNED FOR	CROOKED STICK DEVELOPMENT CORPORATION
CHECKED BY	[Signature]	SHEET	1	OF	4

CIVIL ENGINEERING SUBDIVISION DESIGN BUILDING DESIGN LAND SURVEYING

PAUL I. CRIFE, INC. DESIGNING ENGINEERS
150 E. MARKET STREET
INDIANAPOLIS, INDIANA

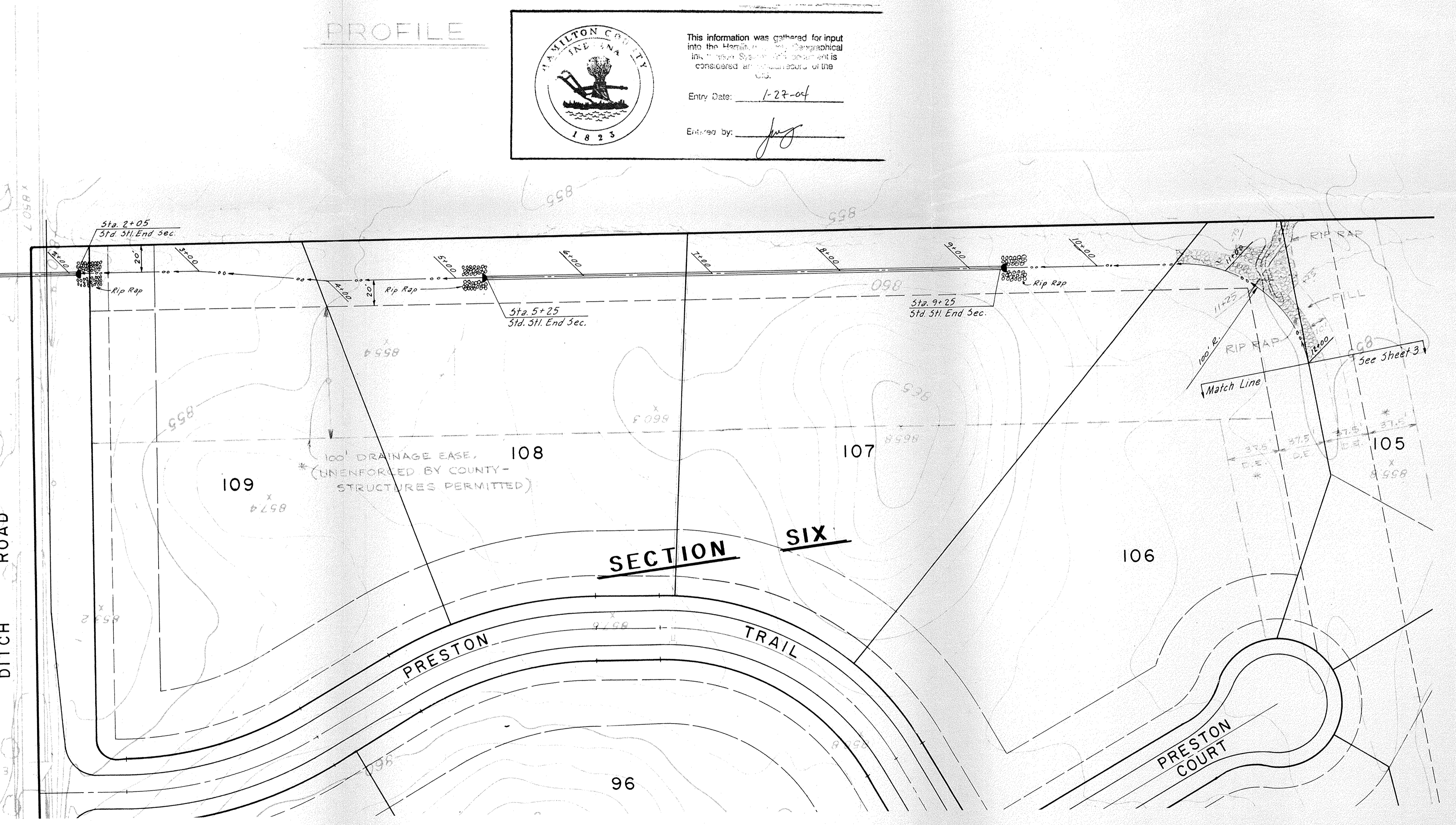
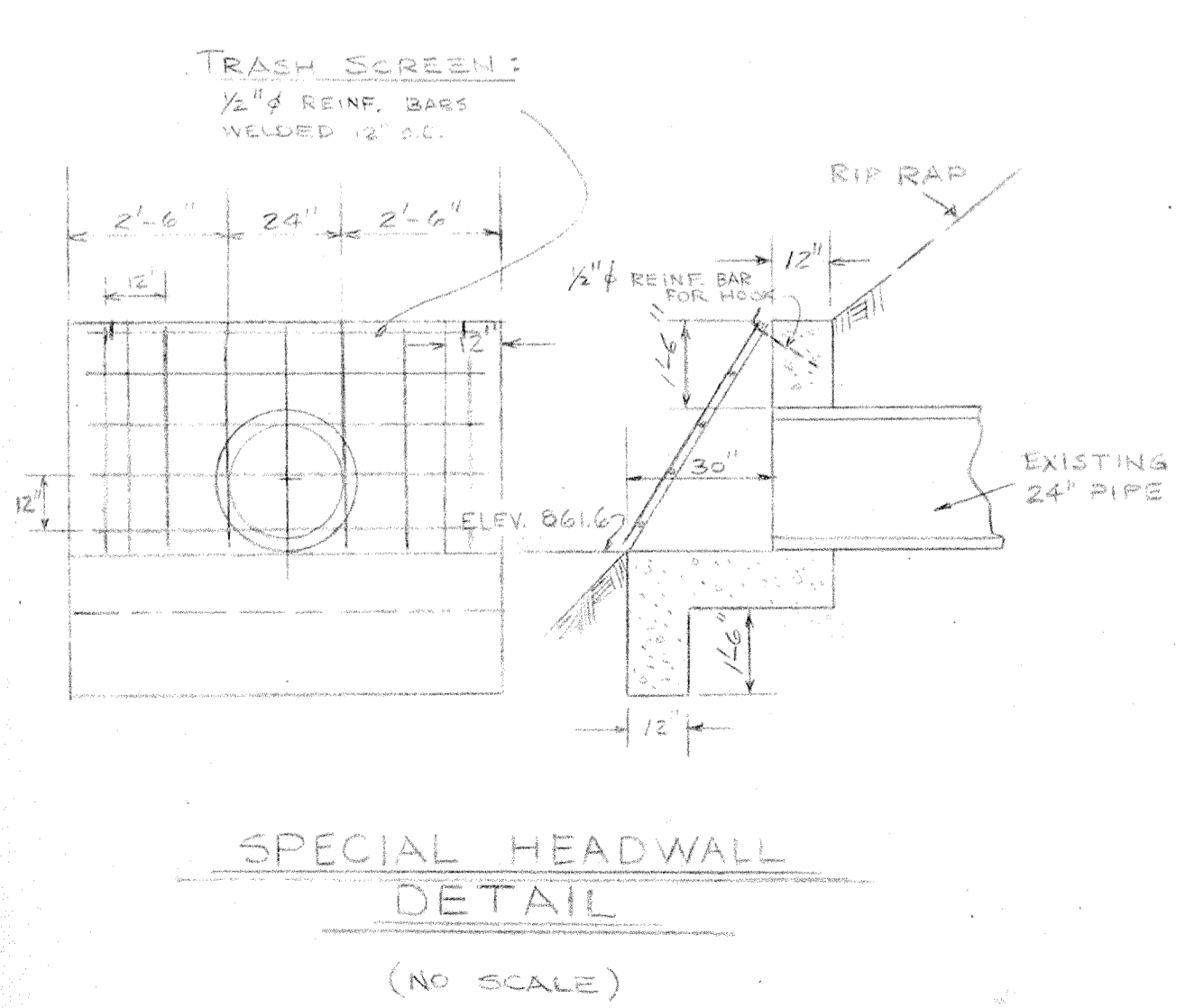
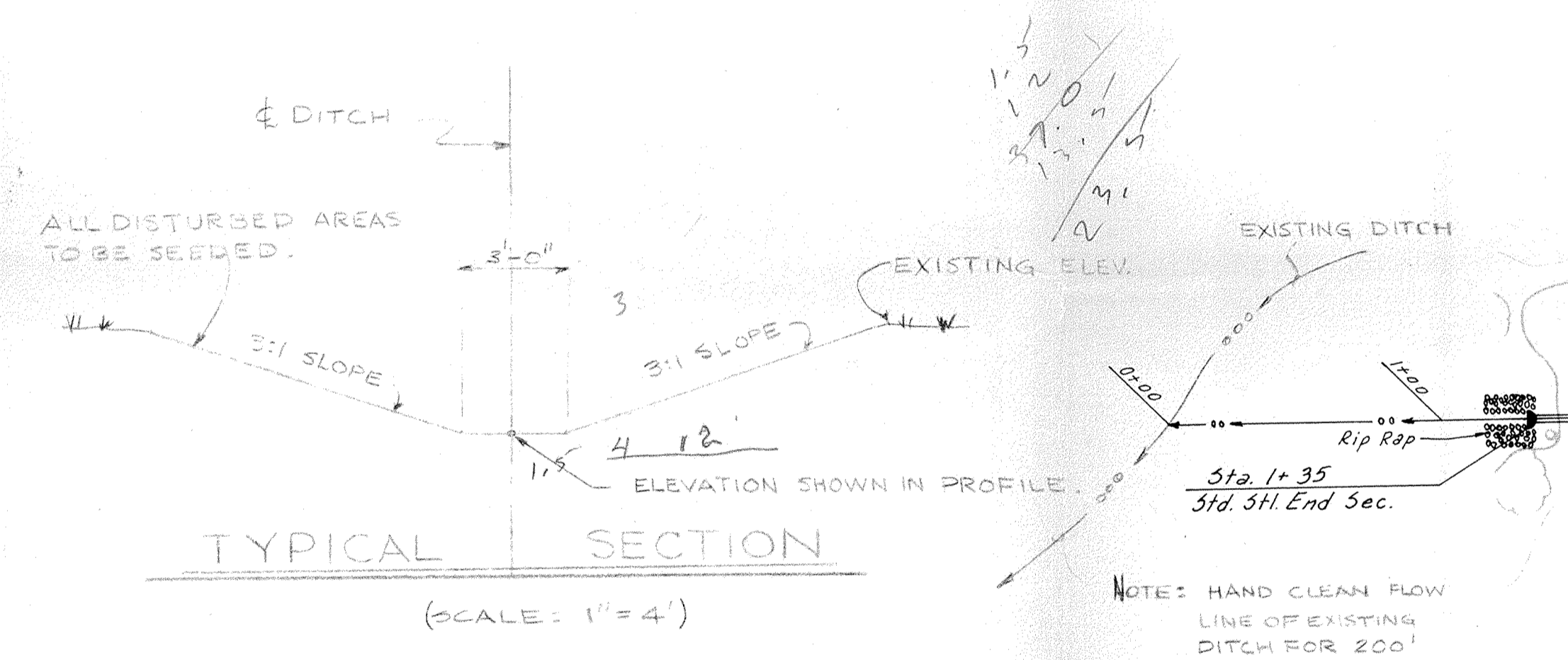
DESIGNED FOR: CROOKED STICK DEVELOPMENT CORPORATION



This information was gathered for input into the Hamilton County Geographical Information System and is considered authoritative as of the date shown.

Entry Date: 1-22-04

Entered by: [Signature]



PLAN

CIVIL ENGINEERING SUBDIVISION DESIGN BUILDING DESIGN LAND SURVEYING

SCALE: 1"=50' H, 1"=5' V.

DATE: 5/23/15

PAUL I. CRIPE, INC.
DESIGNING ENGINEERS
131 E. MARKET STREET
INDIANAPOLIS, INDIANA

JOB NO.: 6-07454

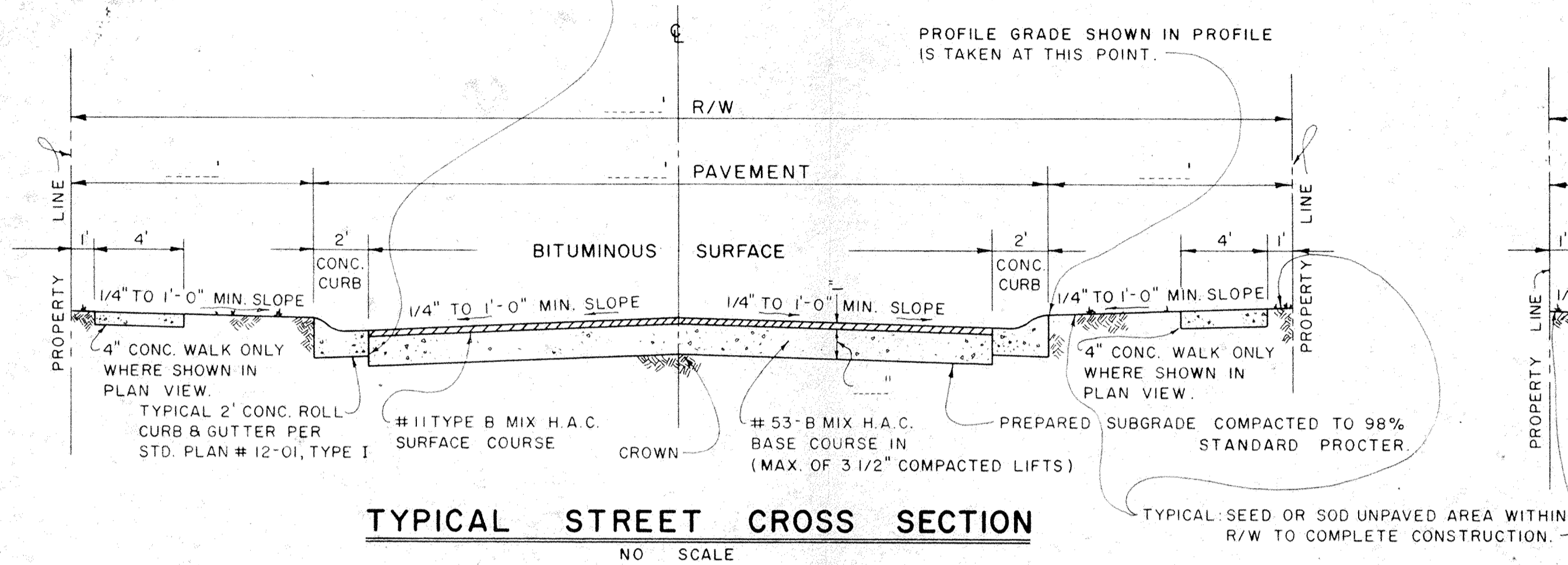
DESIGNED FOR:
CROOKED STICK
DEVELOPMENT CORPORATION

SHEET 2 OF 4

REV. 1
REV. 2
REV. 3

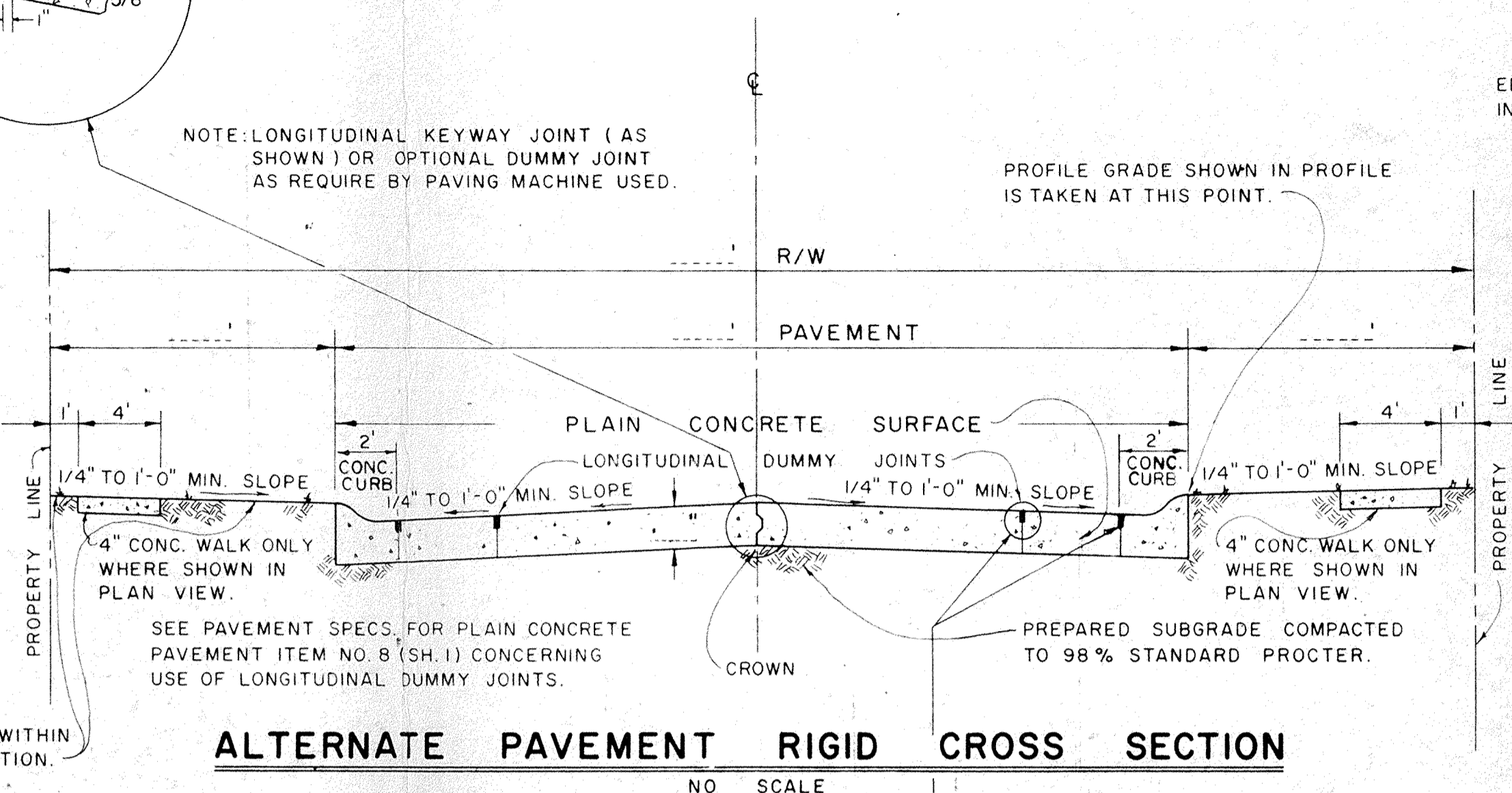


NOTE: TACK COAT (PER I.S.H.C. STDS.) 0.10-0.15 GAL./SQ. YD. OF TYPE AE-T ASPHALT EMULSION TO BE APPLIED TO FACE OF CURB PRIOR TO LAYING OF ASPHALT.

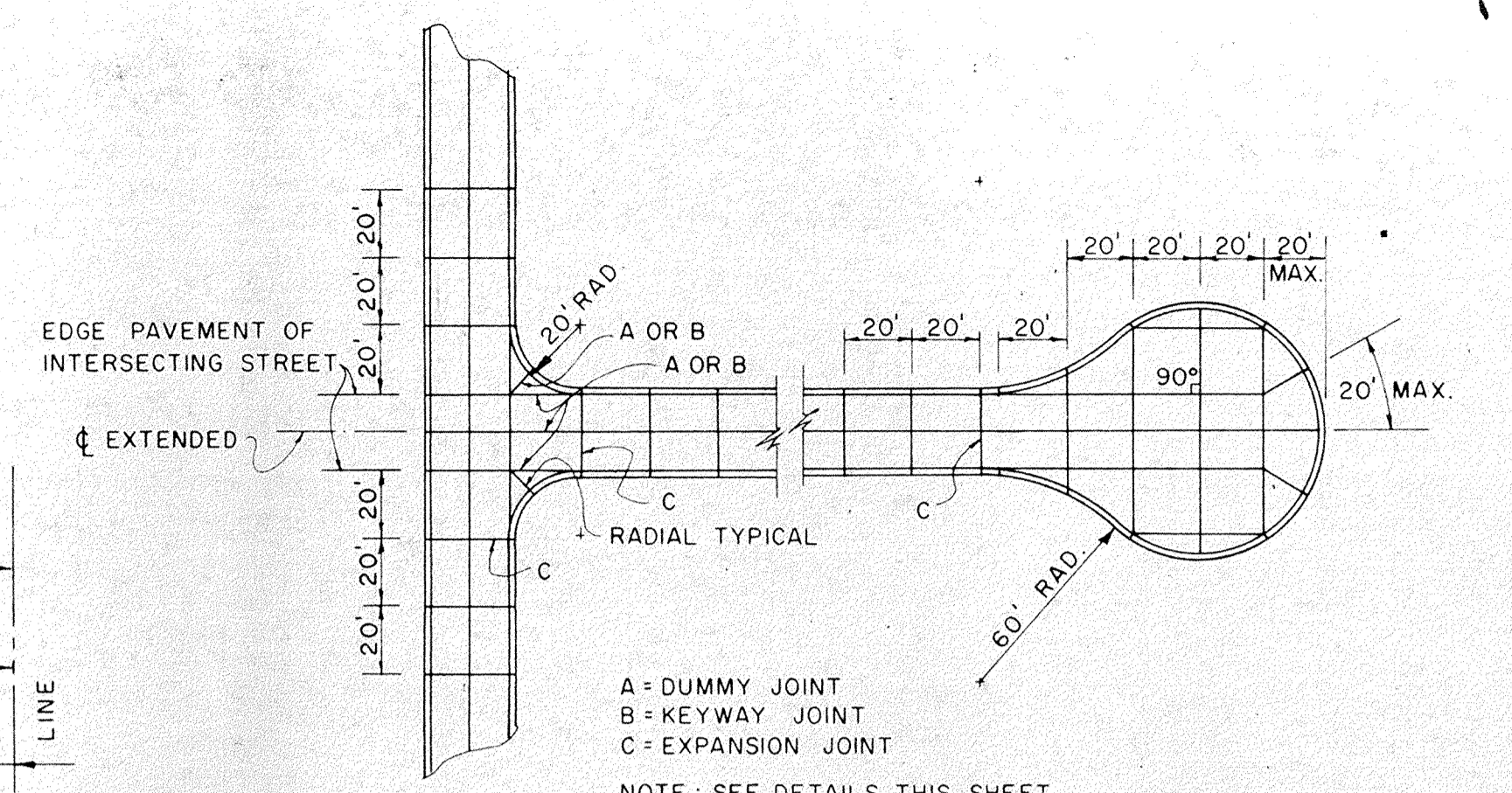


TYPICAL STREET CROSS SECTION
NO SCALE

NOTE: LONGITUDINAL KEYWAY JOINT (AS SHOWN) OR OPTIONAL DUMMY JOINT AS REQUIRE BY PAVING MACHINE USED.

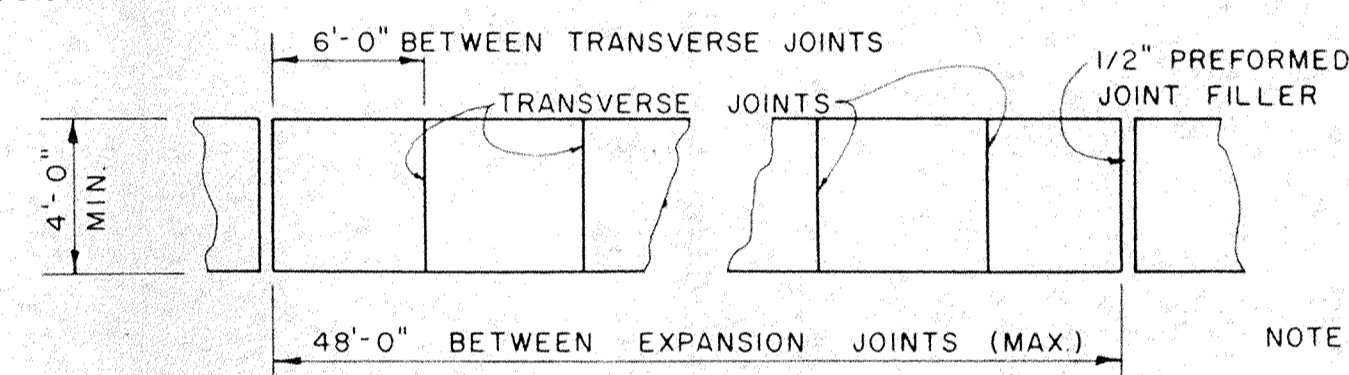


ALTERNATE PAVEMENT RIGID CROSS SECTION
NO SCALE



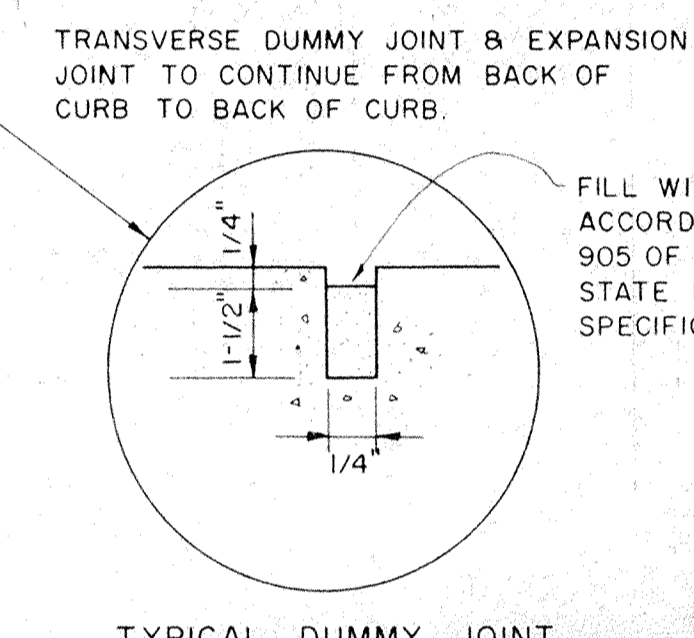
PAVEMENT JOINTS AND CROSS SECTION DETAIL FOR CONCRETE PAVEMENT
NO SCALE

NOTE: ALL WORKMANSHIP & MATERIALS SHALL BE IN ACCORDANCE WITH THE INDIANA STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS DATED 1971, AND ALL STREET CONSTRUCTION SHALL CONFORM TO THE MINIMUM STANDARDS OF GENERAL ORDINANCE 49, 1972 OF THE CITY COUNTY COUNCIL OF INDIANA & MARION COUNTY, INDIANA. ALL STD. PLANS DENOTED ON THIS SHEET MAY BE FOUND IN GENERAL ORDINANCE 49, 1972 AS NOTED ABOVE.

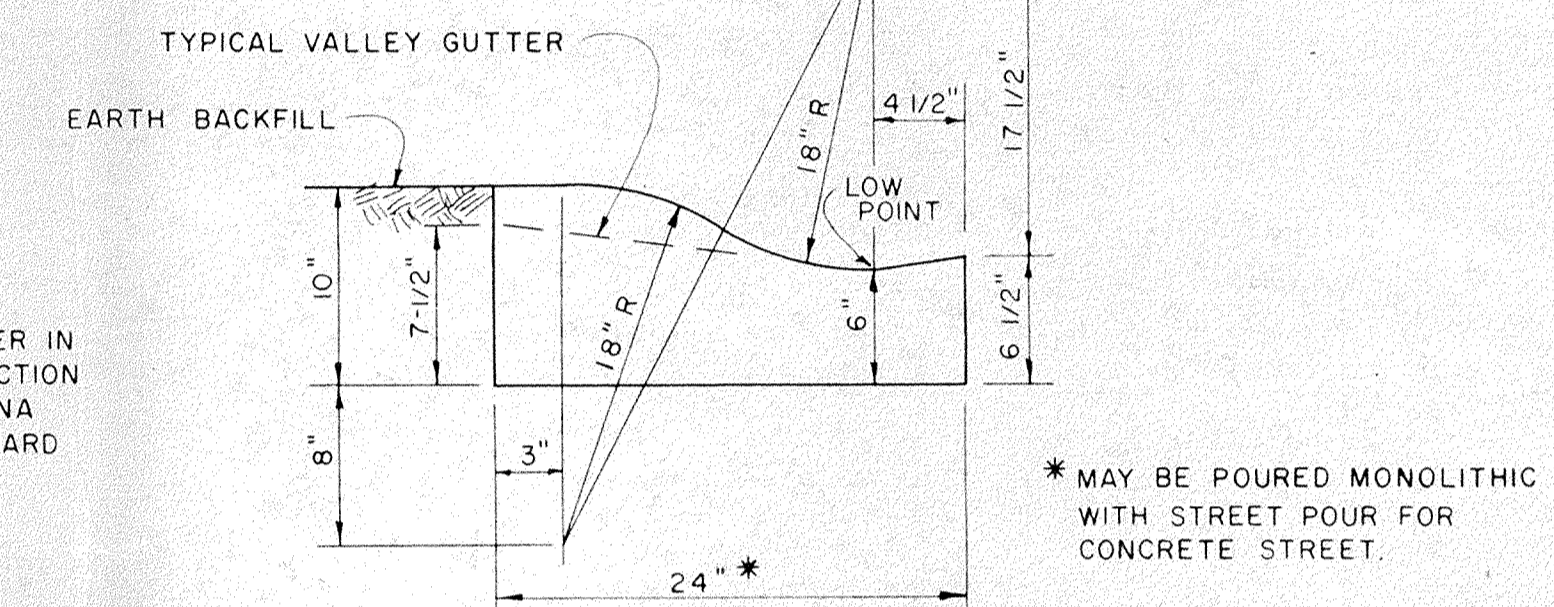


TYPICAL SIDEWALK SECTION
NO SCALE (STD. PLAN #14-01)

NOTE: TRANSVERSE DUMMY JOINTS TO BE PLACED AT 20' O.C. AND AT ALL STRUCTURES I.E. (CATCH BASINS OR MANHOLES). TRANSVERSE EXPANSION JOINTS TO BE PLACED AT ALL INTERSECTIONS (SEE DETAIL THIS SHEET.) SEE D.O.T. STANDARD 11-01



TYPICAL DUMMY JOINT



TYPICAL CURB DETAIL WITH VALLEY GUTTER
NO SCALE (STD. PLAN #12-01-TYPE I)

CASTING	A	B
R-2560-D1	23"	7"
R-2560-E1	27"	6"
R-2560-E4	24"	9"
R-3501-N	24"	24"
R-3010	24"	25"
R-3246	24"	36"

CASTING	A	B	C	D
	21"	4'-0"		
	24"	4'-0"		
	27"	4'-6"		
	30"	4'-6"		
	36"	5'-0"		
	42"	5'-4"		
	48"	6'-0"		
	54"	6'-6"		

STORM MANHOLE & DEEP INLET DETAIL
NO SCALE

CASTING	A	B	C	D
R-3246	24"	36"	12'-30"	12'-18"
R-3501-N	24"	24"	12'-18"	12'-18"
R-3010	24"	25"	12'-18"	12'-18"

CURB INLET DETAIL
NO SCALE

STANDARD CONNECTION:
TYPE # 1 SHALL BE CONNECTOR LUG WITH THREAD ROD
TYPE # 2 SHALL BE THREADED ROD WITH ROD HOLDERS
TYPE # 3 SHALL BE RIVETED OR BOLTED CONNECTION

PIPE DIA.	A	B	C	D	E	F	G	H	I	J
12	6	6	6	6	16					
15	7	8	6	6	16					
18	8	10	6	6	16					
21	9	12	6	6	16					
24	10	13	6	6	16					
30	12	16	8	14	14					
36	14	19	9	14	14					
42	16	22	11	12	12					
48	18	27	12	12	12					
54	18	30	12	12	12					
60	18	33	12	12	12					
66	18	36	12	12	12					
72	18	39	12	12	12					
78	18	42	12	12	12					
84	18	45	12	12	12					

PIPE DIA.	L	W	H	2	1	PC
12	21	24	2 1/2	1	1	PC
15	26	30	2 1/2	1	1	PC
18	31	36	2 1/2	1	1	PC
21	36	42	2 1/2	1	1	PC
24	41	48	2 1/2	1	1	PC
30	51	60	2 1/2	1	1	PC
36	60	72	2 1/2	2	2	PC
42	69	84	2 1/2	2	2	PC
48	78	90	2 1/4	2	2	PC
54	84	102	2	2	2	PC
60	87	114	1 3/4	3	3	PC
66	87	120	1 1/2	3	3	PC
72	87	126	1 1/2	3	3	PC
78	87	132	1 1/4	3	3	PC
84	87	138	1 1/6	3	3	PC

STANDARD STEEL END SECTION DETAIL
NO SCALE

CURB INLET SETTING DETAIL
NO SCALE

PIPE UNDERDRAIN
NO SCALE (STD. PLAN #30-03)

STANDARD DETAILS

NOTE: PAVEMENT DETAILS DO NOT APPLY.

REV	REV	SCALE	PAUL I. CRIFE, INC. DESIGNING ENGINEERS 150 EAST MARKET STREET INDIANAPOLIS, INDIANA	DATE 5/25/75	SEAL
REV	REV	DRAWN BY	DESIGNED FOR: CROOKED STICK DEVELOPMENT CORP.	JOB NO. 0-07454	SHEET 4 OF 4