

Drain: WESTFIELD BUSINESS PARK DRAIN **Drain #:** 16
Improvement/Arm: SUN COMMUNICATIONS BUSINESS PARK - SECTION 2
Operator: JOH **Date:** 8-10-04
Drain Classification: Urban/Rural **Year Installed:** 1989

GIS Drain Input Checklist

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

**Gasb 34 Footages for Historical Cost
Drain Length Log**

Drain-Improvement: WESTFIELD BUSINESS PARK DRAIN - SUN COMMUNICATIONS BUSINESS PARK - SECTION 2

Drain Type:	Size:	Length <small>SURVEYOR LENGTH</small>	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
RCP	12"	∅	∅	∅		
	15"	73'	58'	-15'		
	18"	98'	98'	∅		
	21"	633	633'	∅		
* PVC (TWIN)	18"	60'	60'	∅		
Sum:		864'	849'	-15'		

Final Report: _____

Comments:

* 60' 18" PVC PARALLEL
 SR AND AB DISAGREE ON 15" RCP LENGTHS
 12" RCP SHOWN AS VACATED ON FINAL FOR SECTION 2



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

776-9626

942 Maple Avenue

Noblesville, Indiana 46060 August 7, 1989

TO: Hamilton County Drainage Board

RE: Westfield Park Drain-Sun Communications Business Park Arm

Attached is a petition, plans, calculations, Cost Quote and assessment roll for the Westfield Park Drain-Sun Communications Business Park Arm.

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 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 benefitted. The drain will consists of the following:

12" RCP	15ft	18" PVC	60ft
15" RCP	73ft	21" RCP	633ft
18" RCP	98ft		


The total length of the drain will be 879 feet.

The maintenance responsibility for the detention areas will be upon the Owners of the Tract. The maintenance of the inlets and outlets for the dentention areas will be part of the regulated drains.

The area of the proposed Business Park is currently being assessed a maintenance assessment of \$5.00 per lot, \$5.00 per acre for roadways, with a \$50.00 minimum. I recommend the assessment remain the same.

Non-enforcement requests will be submitted for approval upon approval for each site because the Park will be sold by metes and bounds descriptions. If at some time a plat is proposed, non-enforcement will be submitted for the plat.

I recommend a hearing be set for October 1989.



Kenton C. Ward
Hamilton County Surveyor

KCW/no

BEFORE THE HAMILTON COUNTY

DRAINAGE BOARD IN THE

MATTER OF THE Westfield Park DRAIN

Sun Commications Business Park Arm

NOTICE

TO WHOM IT MAY CONCERN AND

~~_____~~
~~_____~~
~~_____~~
~~_____~~
~~_____~~
~~_____~~

Notice is hereby given of the Hearing of the Hamilton County Drainage Board on the Westfield Park Drain, on October 16, 1989, at 9:00 A.M. in the Commissioner's Court, 3rd floor, in the Hamilton County Courthouse Noblesville, Indiana and which the Maintenance Report 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: Nancy Ellen Oldham
Nancy Ellen Oldham-Secretary

ONE TIME ONLY

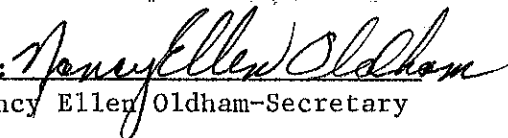
BEFORE THE HAMILTON
COUNTY DRAINAGE BOARD
IN THE MATTER OF THE

Westfield Park DRAIN

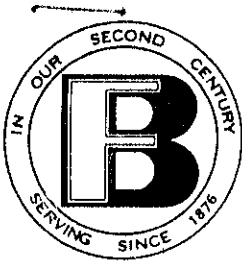
Sun Commications Business Park Arm
NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment 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 become conclusive.

HAMILTON COUNTY DRAINAGE BOARD

ATTEST: 
Nancy Ellen Oldham-Secretary

One Time Only



The FARMERS BANK

NINE EAST CLINTON STREET
POST OFFICE BOX 129
FRANKFORT, INDIANA 46041-0129

FILED

JUN 15 89

HAMILTON COUNTY DRAINAGE BOARD

SECRETARY

AREA CODE 317
PHONE 654-8731

Hamilton County Commissioners
Hamilton County Court House
Noblesville, Indiana 46060

June 15, 1989

IRREVOCABLE LETTER OF CREDIT NO. 1001A

At the request of Sun Communications, Inc., by Richard K. Rogers, we hereby authorize you to draw on The Farmers Bank, Frankfort, Indiana up to an aggregate amount of Thirty-three Thousand Six Hundred and Ninety and 00/100 (33,690.00) available by your drafts as sight accompanied by your written certification stating that you have incurred liability, loss, costs, damages, expenses, premiums or attorney's fees arising or incurred in connection with your bond or bonds executed on behalf of Sun Communications, Inc.

Such statement must enumerate the amounts payable by you for account of Sun Communications, Inc. All drafts so drawn must be marked "Drawn under our Letter of Credit No. 1001A."

It is a condition of the Letter of Credit that it shall be deemed automatically extended without amendment for one (1) year from the present or any future expiration date hereof, unless thirty(30) days prior to any such date we shall notify you in writing that we elect not to consider this Letter of Credit renewed for any such additional period. Upon receipt by you of such notice you may draw hereunder, without having incurred liability by reason of having executed your bond(s) by means of your drafts on us at sight accompanied by your written certification that potential liability under the aforesaid bond(s) is still outstanding and that the proceeds of your drafts will be retained and used by you to meet any payments which you might thereafter be required to make under your bond(s) and, further, that in the event your liability under your bond(s) is satisfied you will refund to us the amount paid, less any amounts which have been paid by you in the meantime under your bond(s) and any unpaid premium due you on said bond(s).

We engage with you that all drafts drawn under and in compliance with the terms of the credit will be duly honored on delivery of documents as specified if presented at this office on or before June 15, 1990; or any automatically extended date, as hereinbefore set forth. We confirm the credit and thereby undertake that all drafts drawn and presented as above specified will be duly honored by us.

This credit is subject to the "Uniform Customs and Practice for Documentary Credits (1983 Revision), International Chamber of Commerce Publication No. 400."

Your Very Truly,

Richard P. Coapstick
Sr. V.P.

The Farmers Bank
Frankfort, In. 46041

MEMBER
FDIC

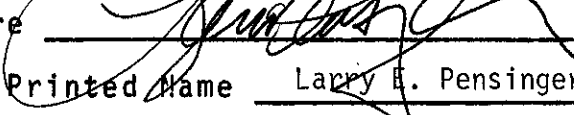


CERTIFICATE OF COMPLETION AND COMPLIANCE

TO: COUNTY SURVEYOR'S OFFICE, HAMILTON COUNTY
ATTN: Mr. Kenton Ward
FROM: Paul I. Cripe, Inc., Engineers
SUBJECT: Sun Communications

I hereby certify that

- 1) I am familiar with the plans and specifications for the above referenced project,
- 2) I have personally observed the completion of the above referenced project, and
- 3) To the best of my knowledge, information and belief, the above referenced project has been performed and completed in conformity with all plans and specifications, except
(1) Routine cleaning and maintenance of silt structures.
(2) Seeding of disturbed area as soon as weather permits.
(3) Minor repair of drop structures into ponds.

Signature  Date March 13, 1991
Type or Printed Name Larry E. Pensinger
Business Address 7172 Graham Road
Indianapolis, IN 46250
Telephone 317-842-6777

Seal

Indiana Registration Number

S0281



ADM:t1
1/13/84



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square

Noblesville, Indiana 46060-2230

June 8, 1995

TO: Hamilton County Drainage Board

RE: Westfield Park Drain
Sun Communications Business Park Arm I

Attached are as-builts, certificate of completion & compliance, and other information for Sun Communications Business Park Arm I. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

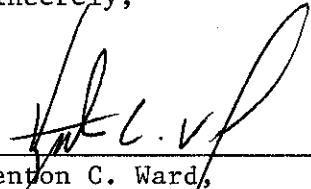
During construction of the drain there were not any significant changes made to the plans submitted with my report dated August 7, 1989. Therefore, the length of the drain remains at 879 feet.

* Non-enforcement requests are to be made on a site by site basis.

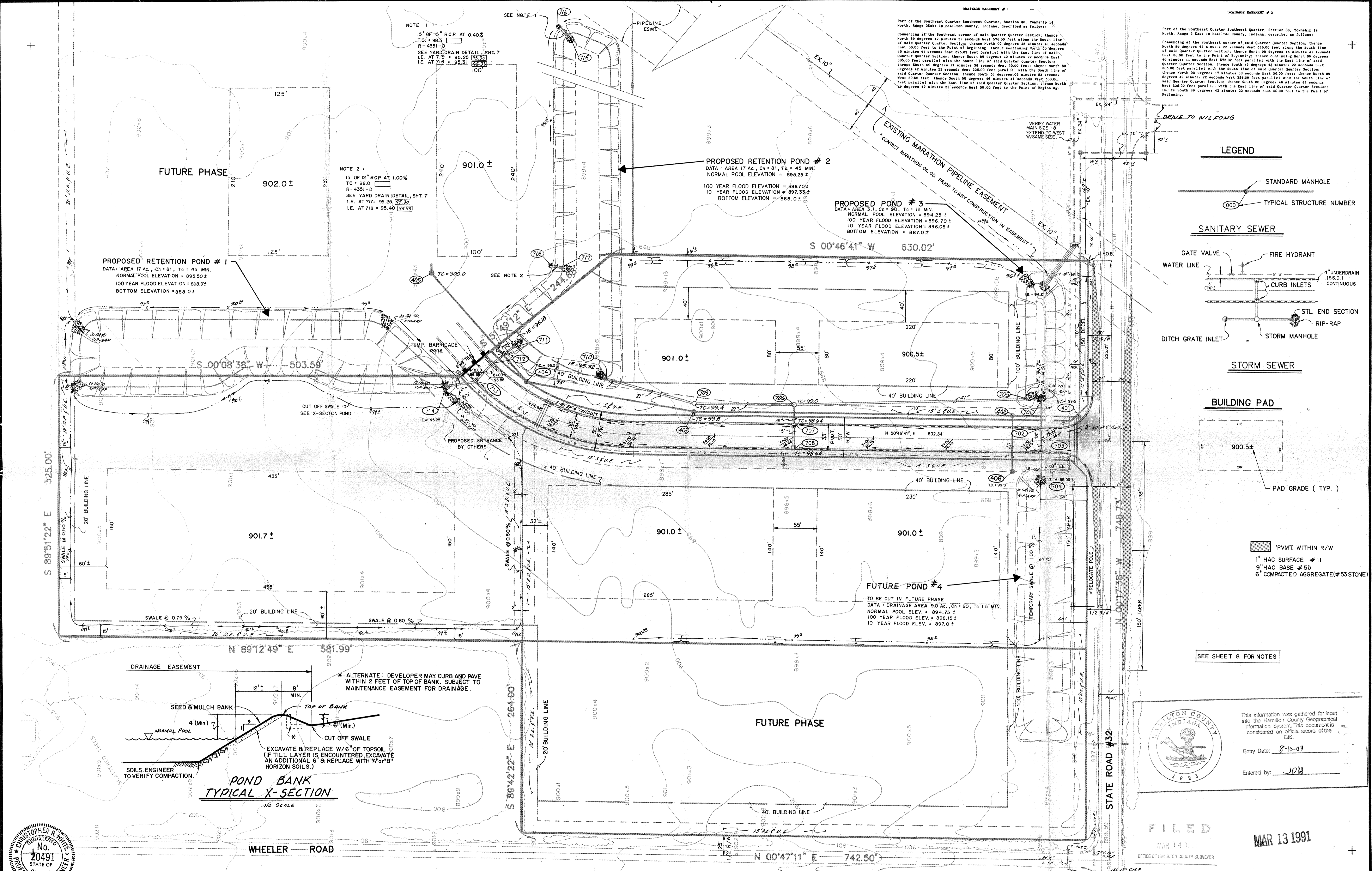
The bond or letter of credit from The Farmers Bank, number 1001A, dated June 15, 1989, in the amount of \$33,690.00 has expired.

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

Sincerely,


Kenton C. Ward,
Hamilton County Surveyor

KCW/sh



NOTE 1
 15' OF 15" R.C.P. AT 0.40%
 T.C. = 96.5
 R = 4351-D
 SEE YARD DRAIN DETAIL, SHT. 7
 I.E. AT 718 = 95.25 (75.30)
 I.E. AT 716 = 95.31 (75.33)

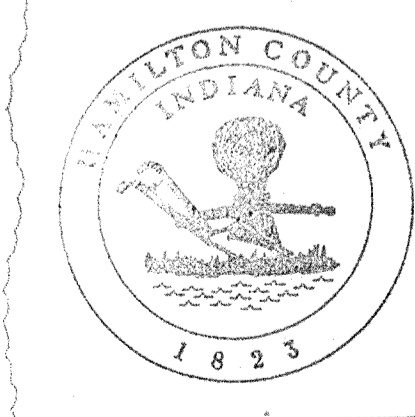
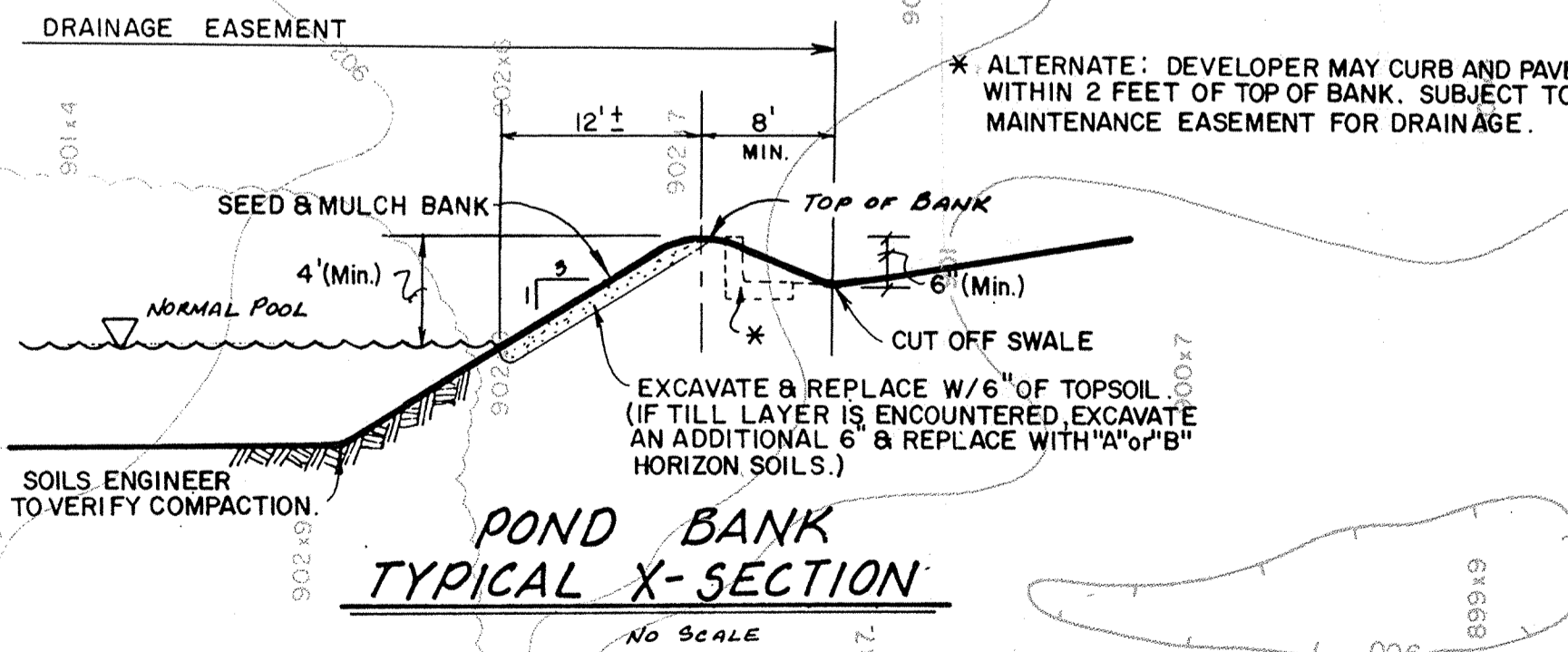
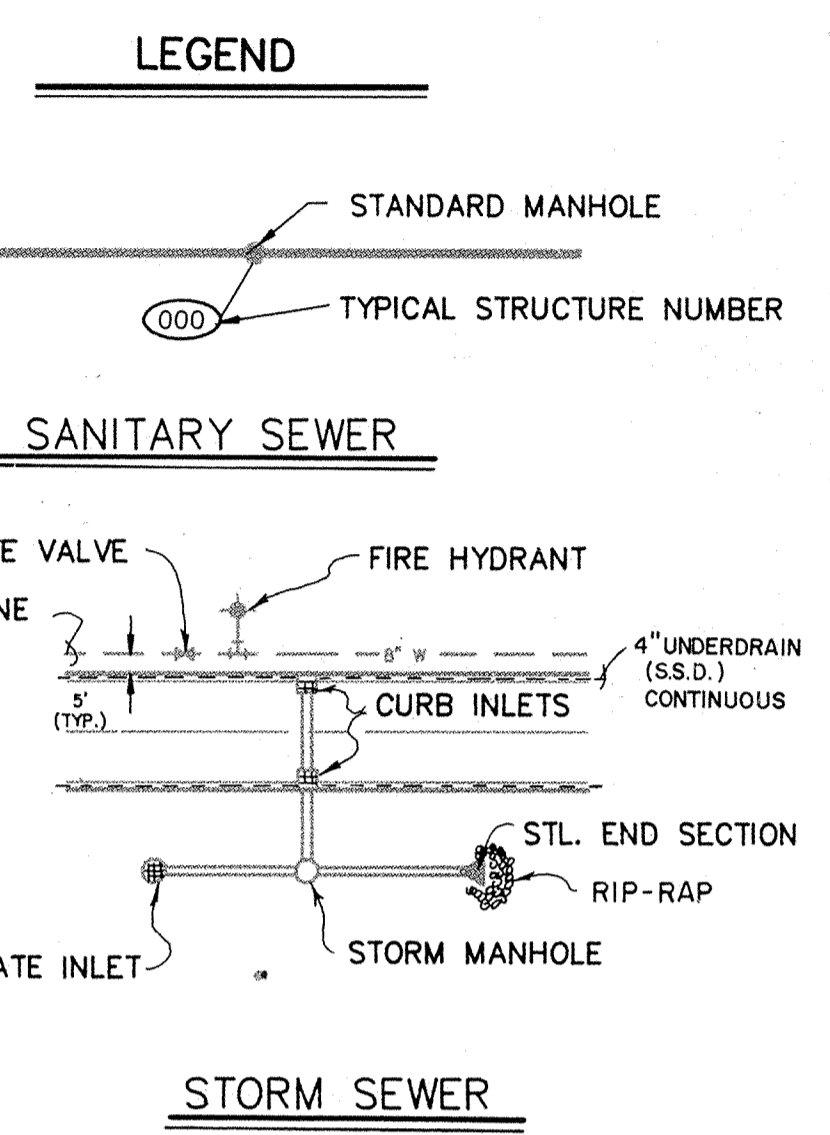
NOTE 2
 15' OF 12" R.C.P. AT 1.00%
 T.C. = 98.0
 R = 4351-D
 SEE YARD DRAIN DETAIL, SHT. 7
 I.E. AT 717 = 95.25 (75.30)
 I.E. AT 718 = 95.40 (75.33)

PROPOSED RETENTION POND # 1
 DATA: AREA 17 AC., Cn = 81, Tc = 45 MIN.
 NORMAL POOL ELEVATION = 895.50 ±
 100 YEAR FLOOD ELEVATION = 898.92 ±
 BOTTOM ELEVATION = 888.0 ±

PROPOSED RETENTION POND # 2
 DATA: AREA 17 AC., Cn = 81, Tc = 45 MIN.
 NORMAL POOL ELEVATION = 895.25 ±
 100 YEAR FLOOD ELEVATION = 898.70 ±
 10 YEAR FLOOD ELEVATION = 897.33 ±
 BOTTOM ELEVATION = 888.0 ±

PROPOSED POND # 3
 DATA: AREA 3.1 AC., Cn = 90, Tc = 12 MIN.
 NORMAL POOL ELEVATION = 894.25 ±
 100 YEAR FLOOD ELEVATION = 896.70 ±
 10 YEAR FLOOD ELEVATION = 896.05 ±
 BOTTOM ELEVATION = 887.0 ±

FUTURE POND # 4
 TO BE CUT IN FUTURE PHASE
 DATA: DRAINAGE AREA 9.0 AC., Cn = 90, Tc = 15 MIN.
 NORMAL POOL ELEV. = 894.75 ±
 100 YEAR FLOOD ELEV. = 898.15 ±
 10 YEAR FLOOD ELEV. = 897.0 ±



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: 8-10-89

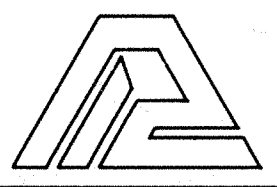
Entered by: JPH

FILED
 MAR 14 1991
 OFFICE OF HAMILTON COUNTY SURVEYOR



DATE: 3-21-91

REVISIONS	
03/08/89	PROVIDE DRAINAGE DETAIL
04/11/89	REVISIONS PER COMMENTS
04/24/89	REVISIONS PER 10th EDITION



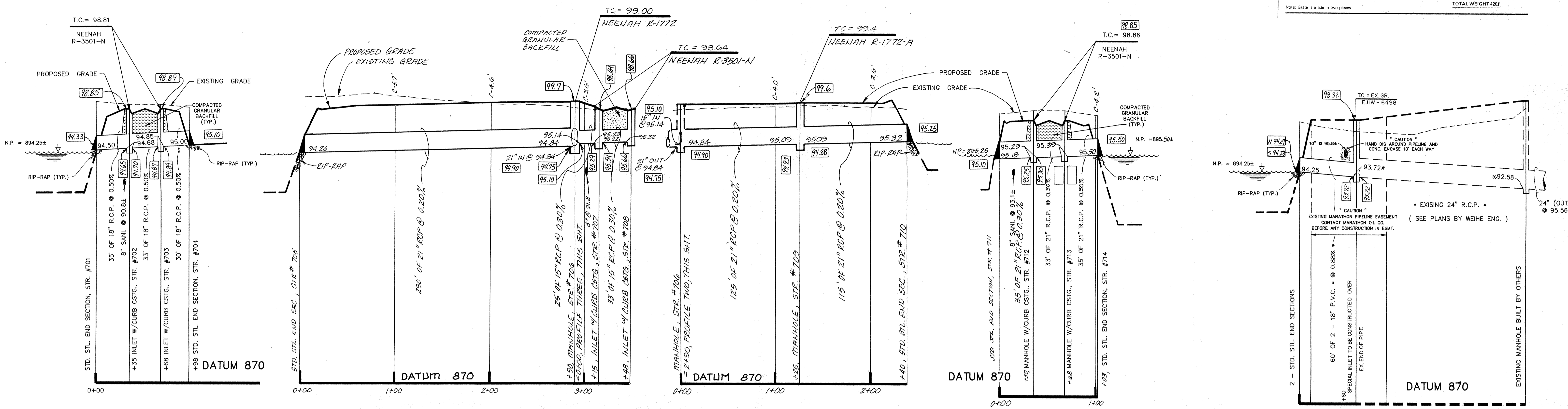
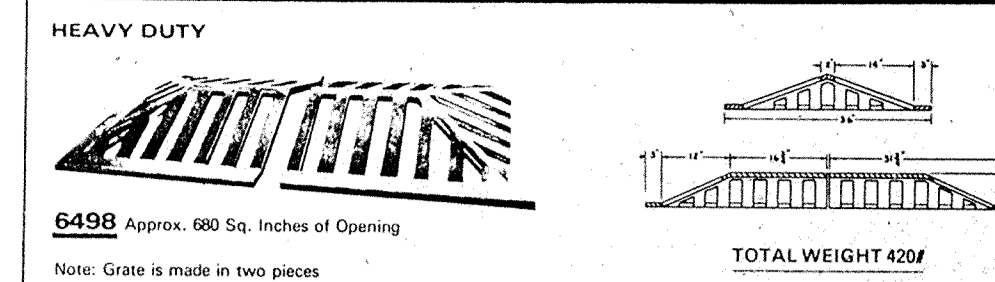
PAUL I. CRIFE, INC.
 7172 GRAHAM ROAD
 INDIANAPOLIS, INDIANA 46250
 (317) 842-6777

- CIVIL ENGINEERING
- LAND SURVEYING
- ARCHITECTURE
- LAND PLANNING

TECH CHK: []
 DRAWN BY: D.J.S.
 SCALE: 1" = 50'
 DATE: 03/02/89
 CLIENT: SUN COMMUNICATIONS
 DRAWING TITLE: SITE DEVELOPMENT PLAN

DWG. TYPE	FILE NUMBER	SHEET
		2
JOB NUMBER		OF 9
87491-010010		

NOTE: CUTS SHOWN ARE APPROXIMATE, TAKEN FROM EXISTING GRADE TO INV. OF PROPOSED PIPE. FIELD ADJUSTMENT BY ENGINEER MAY BE REQUIRED AT ALL OUTFALL POINTS TO INSURE PROPER OUTFALL CONDITIONS.



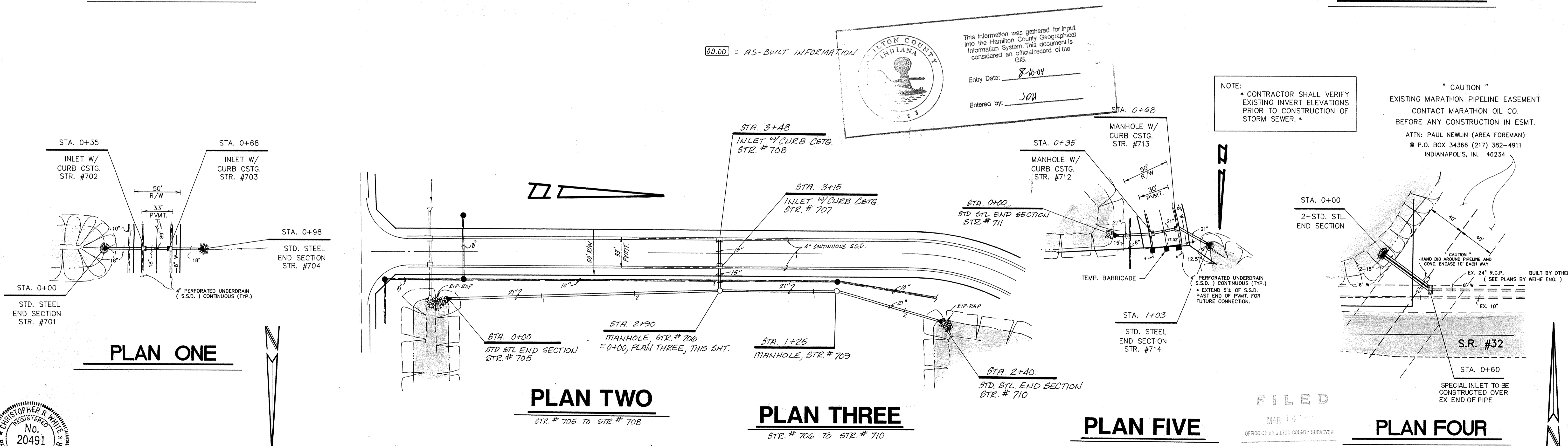
PROFILE ONE

PROFILE TWO

PROFILE THREE

PROFILE FIVE

PROFILE FOUR



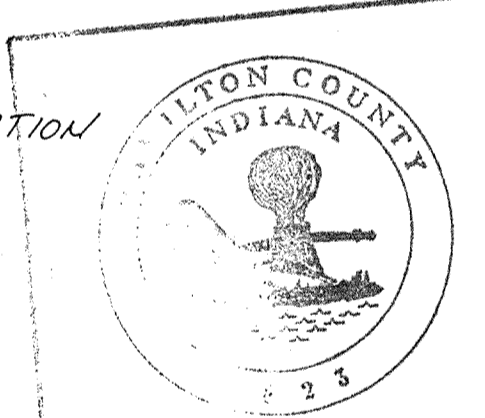
PLAN ONE

PLAN TWO

PLAN THREE

PLAN FIVE

PLAN FOUR



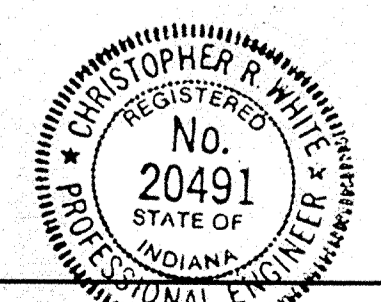
This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.
 Entry Date: 8-10-09
 Entered by: JOH

NOTE:
 * CONTRACTOR SHALL VERIFY EXISTING INVERT ELEVATIONS PRIOR TO CONSTRUCTION OF STORM SEWER. *

" CAUTION "
 EXISTING MARATHON PIPELINE EASEMENT CONTACT MARATHON OIL CO. BEFORE ANY CONSTRUCTION IN ESMT.
 ATTN: PAUL NEWLIN (AREA FOREMAN)
 P.O. BOX 34366 (217) 382-4911
 INDIANAPOLIS, IN. 46234

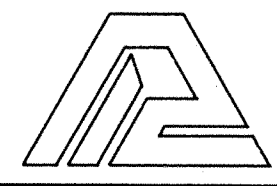
FILED
 MAR 14 2010
 OFFICE OF HAMILTON COUNTY SURVEYOR

RECORD DRAWING



Christopher R. White
 3-21-09
 DATE

REVISIONS	D.W.S.	D.T.S.	400	D.J.S.
03/07/89 ADDED PLAN & PROFILE FOUR MISC. CHANGES				
04/11/89 MISC. CHANGES				
5/30/89 REV. P&P TWO, THREE, FIVE				
2/13/90 ADDED AS-BUILT INFO				

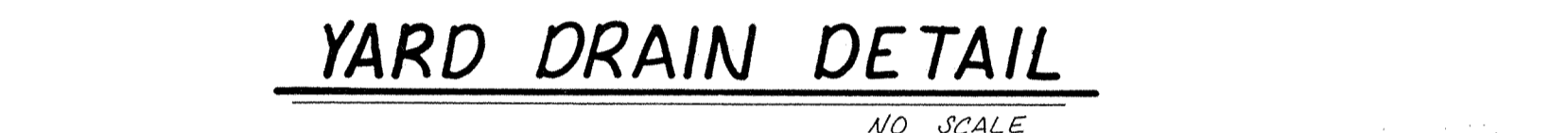
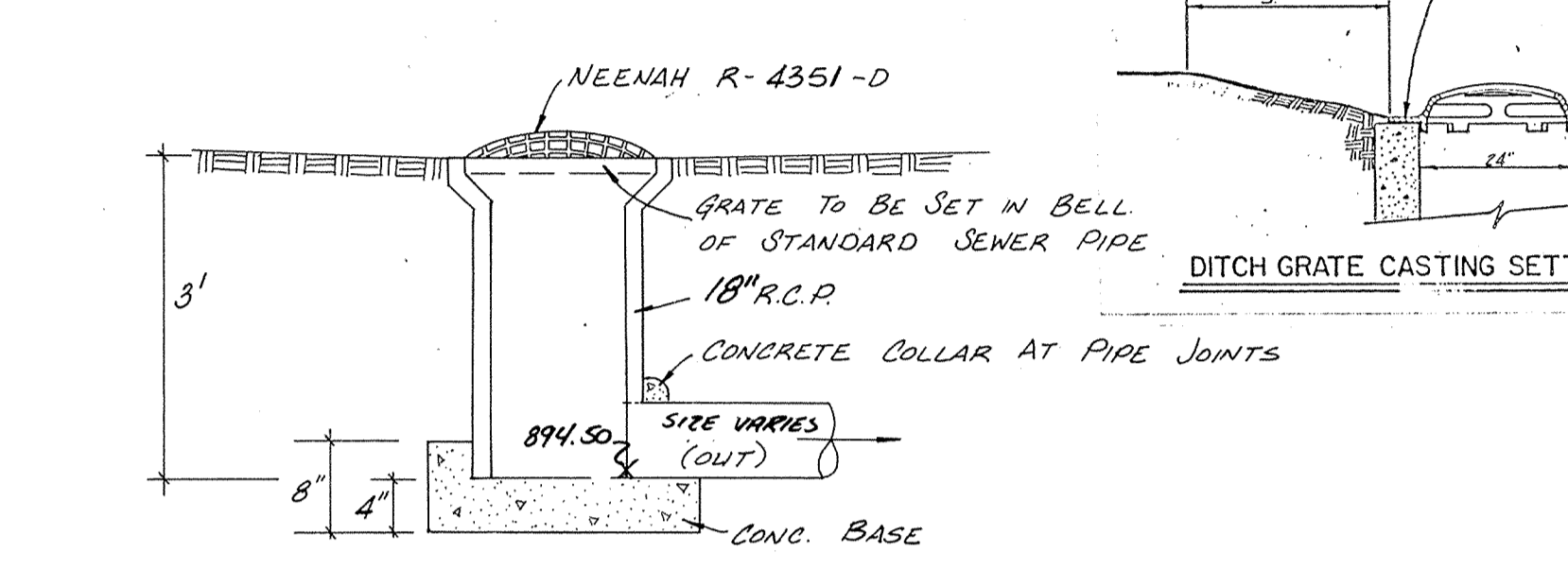
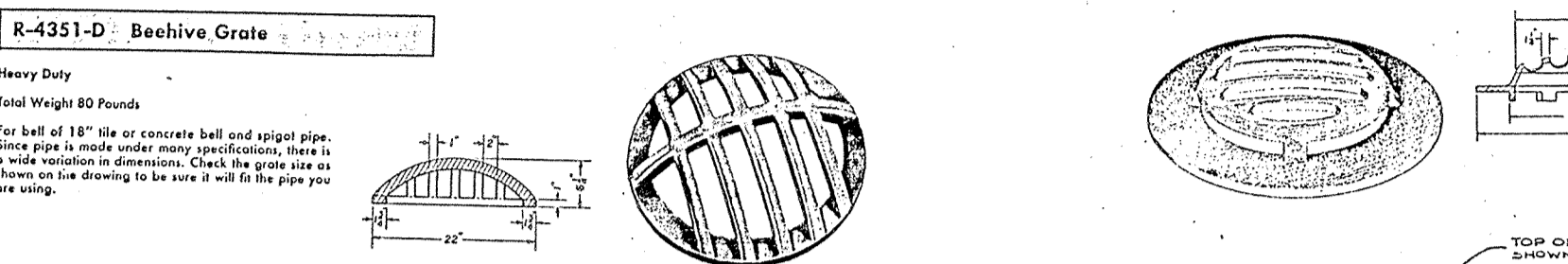
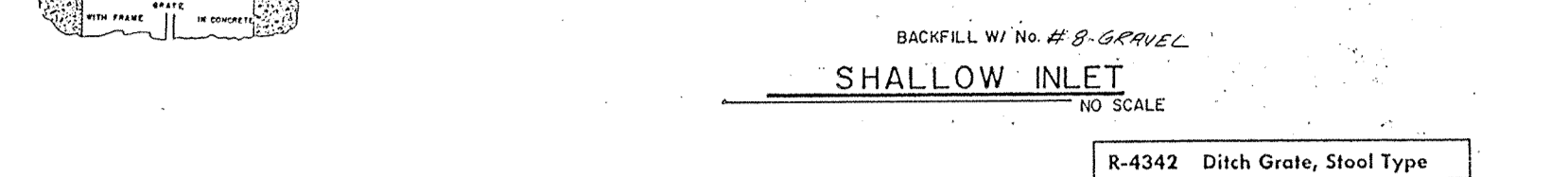
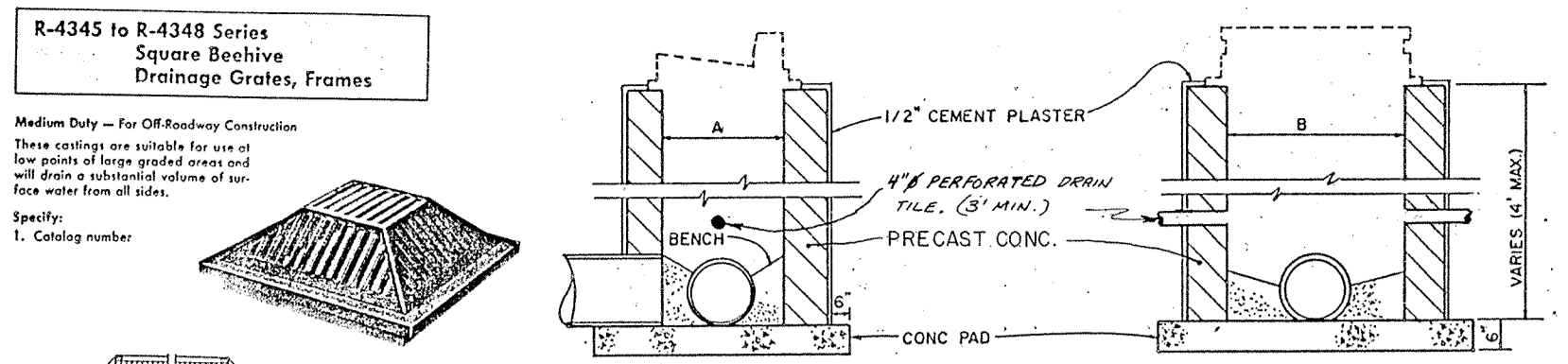


PAUL I. CRIFE, INC.
 7172 GRAHAM ROAD
 INDIANAPOLIS, INDIANA 46250
 (317) 842-8777

- CIVIL ENGINEERING
- LAND SURVEYING
- ARCHITECTURE
- LAND PLANNING

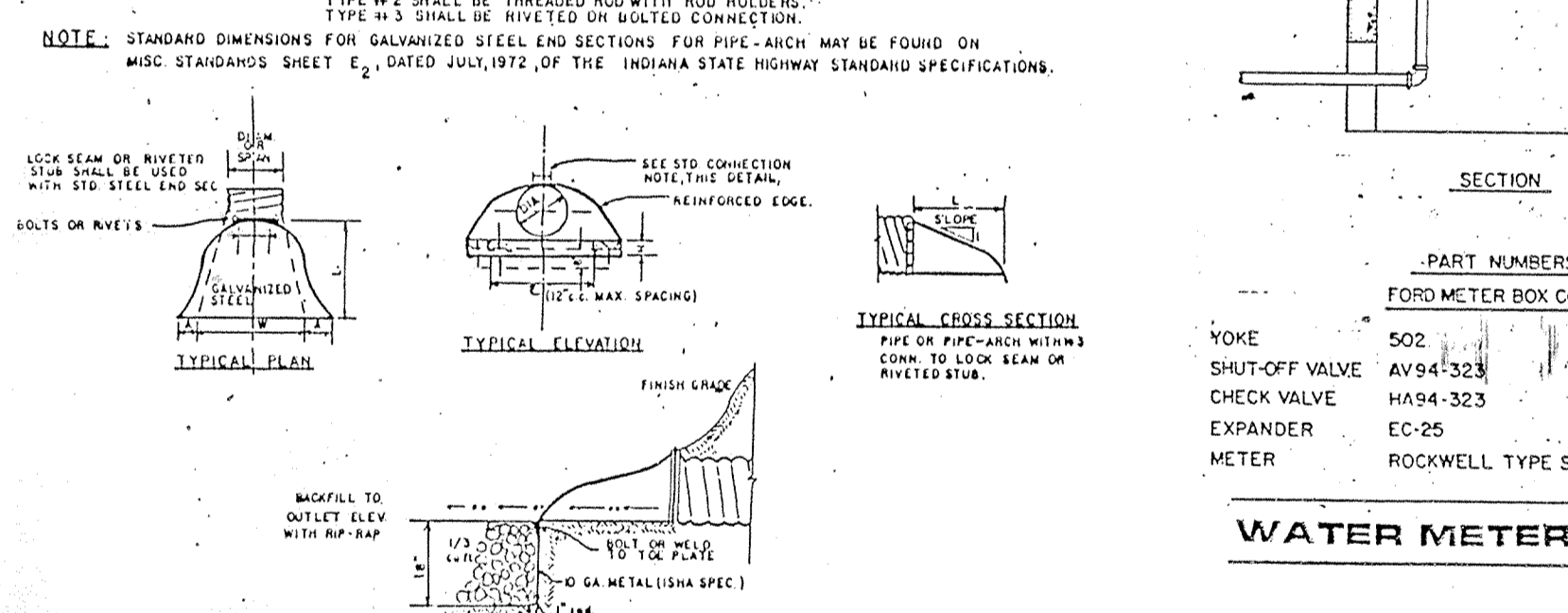
TECH. CHK.:
 DRAWN BY: D.J.S.
 SCALE: HORIZ: 1" = 50'
 VERT: 1" = 5'
 DATE: 03/02/89
 CLIENT: SUN COMMUNICATIONS
 DRAWING TITLE: STORM SEWER PLAN & PROFILE

DWG. TYPE	FILE NUMBER	SHEET:
		6
JOB NUMBER		87491-00000
		of 9



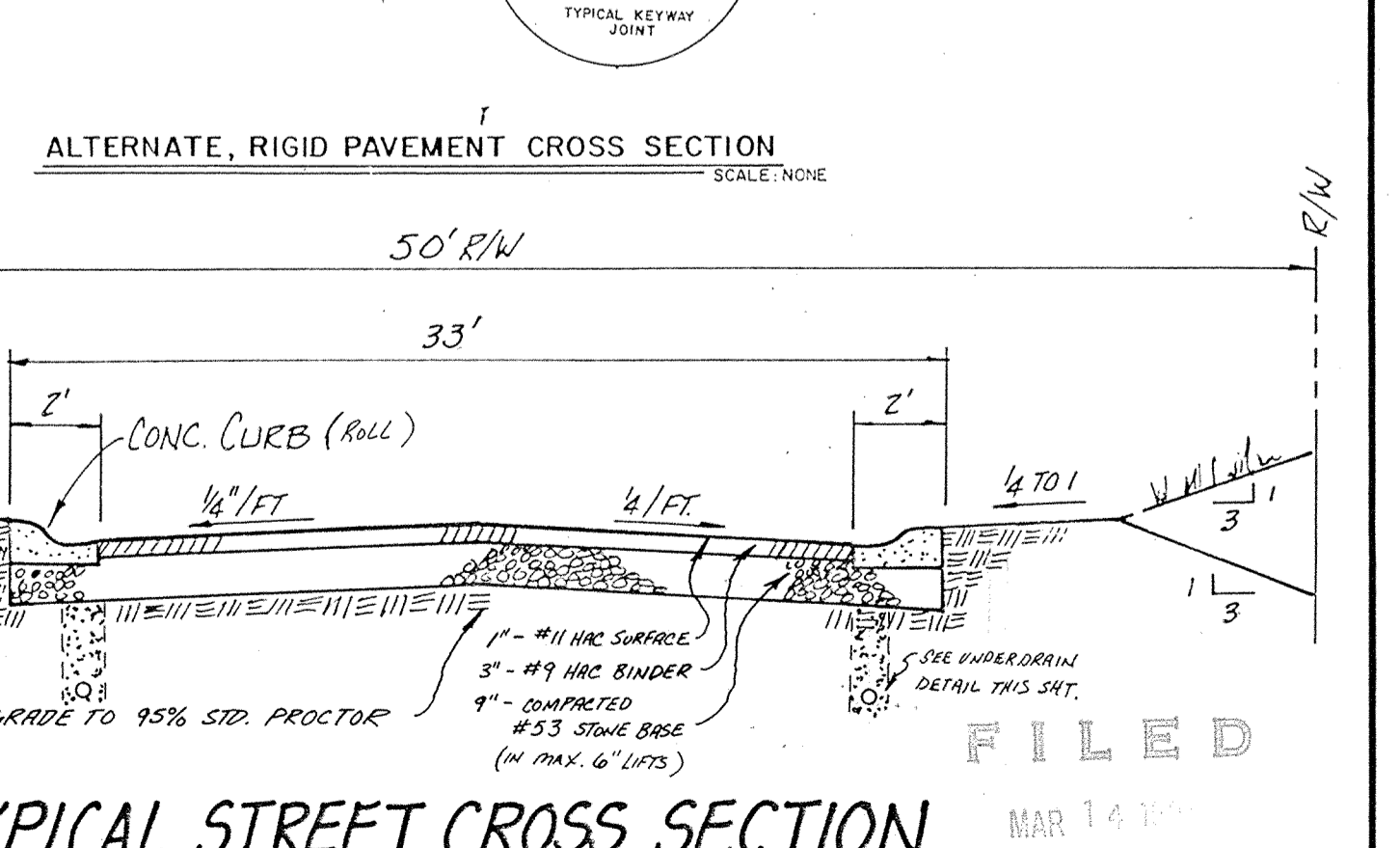
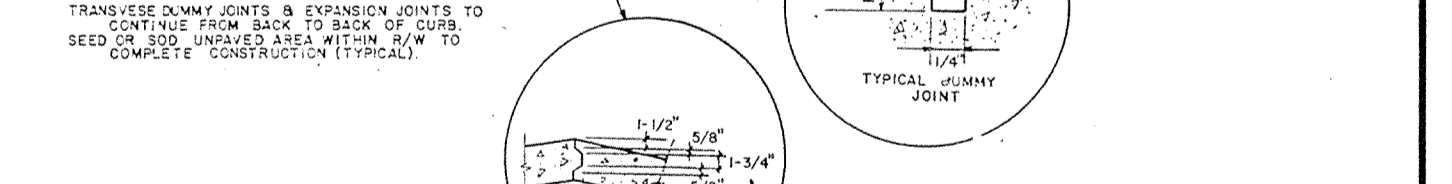
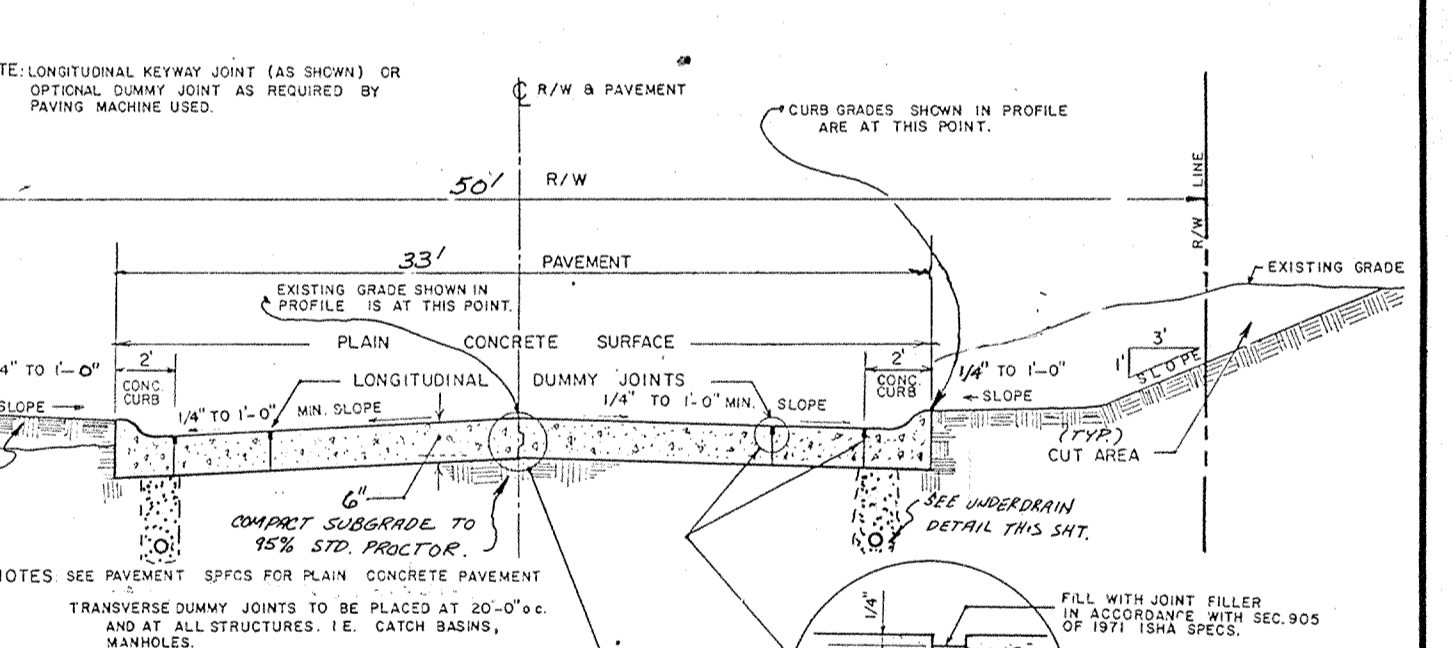
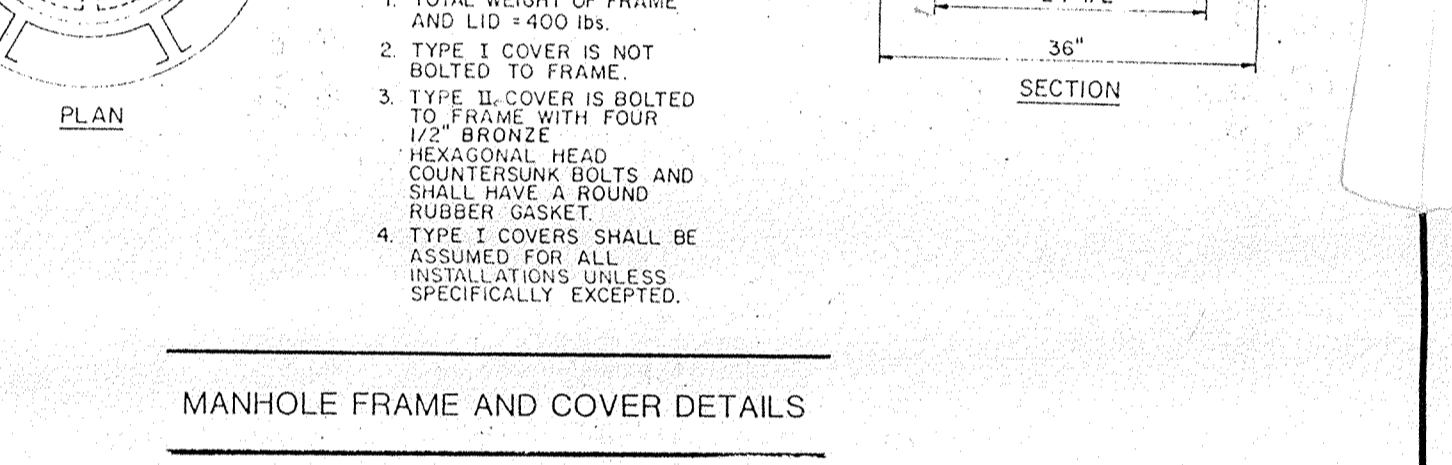
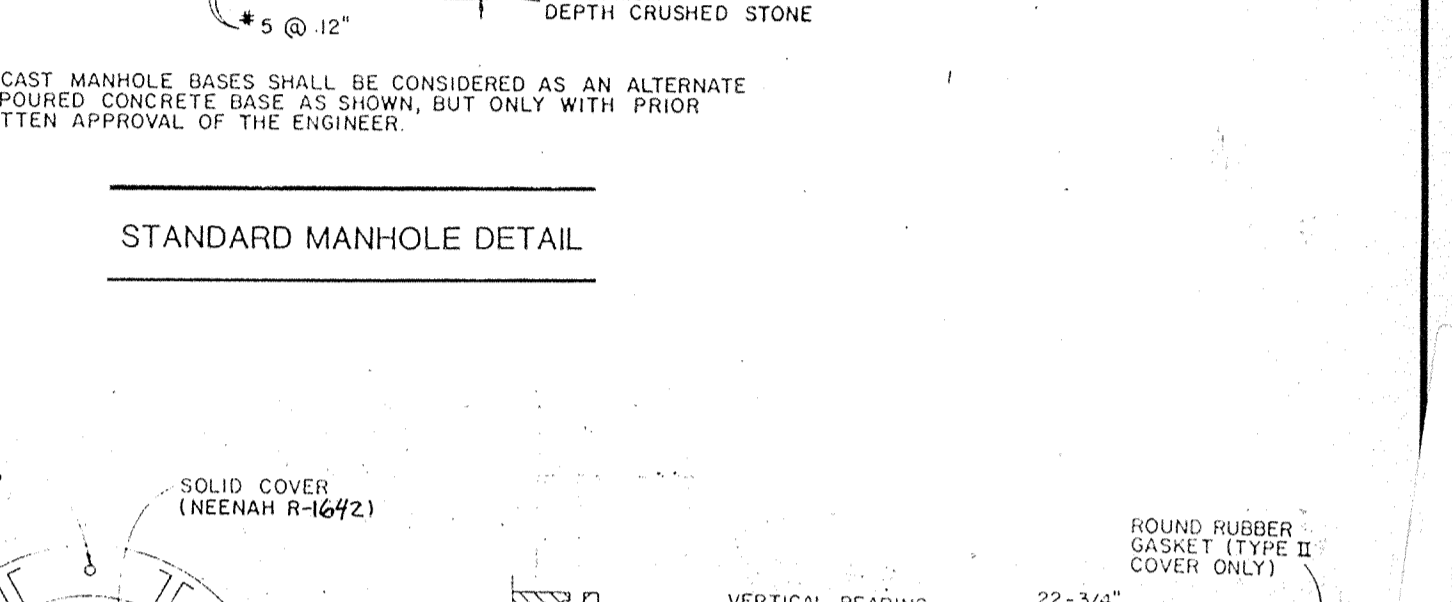
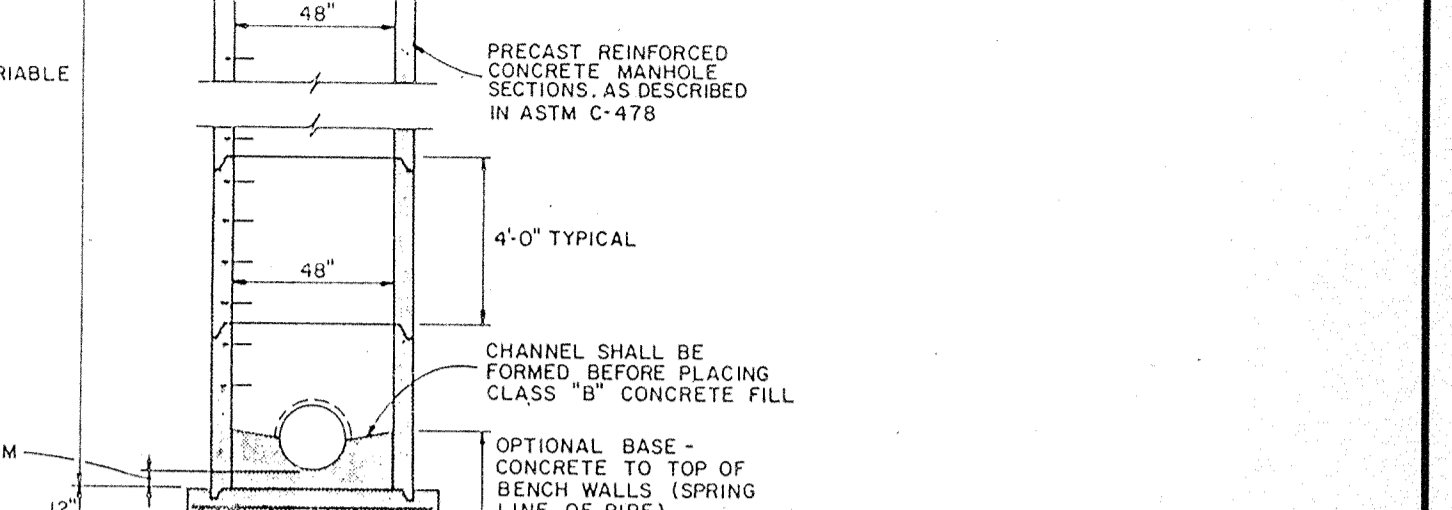
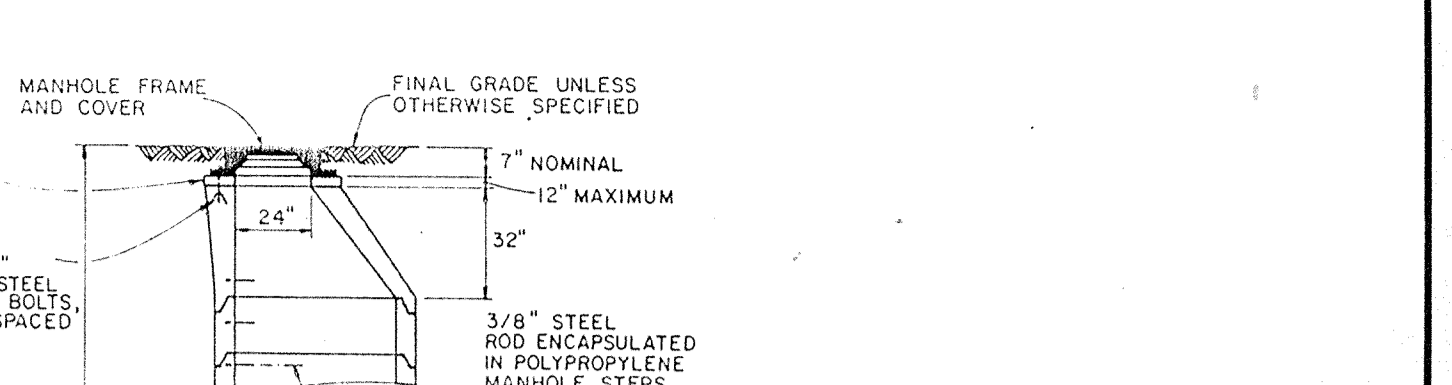
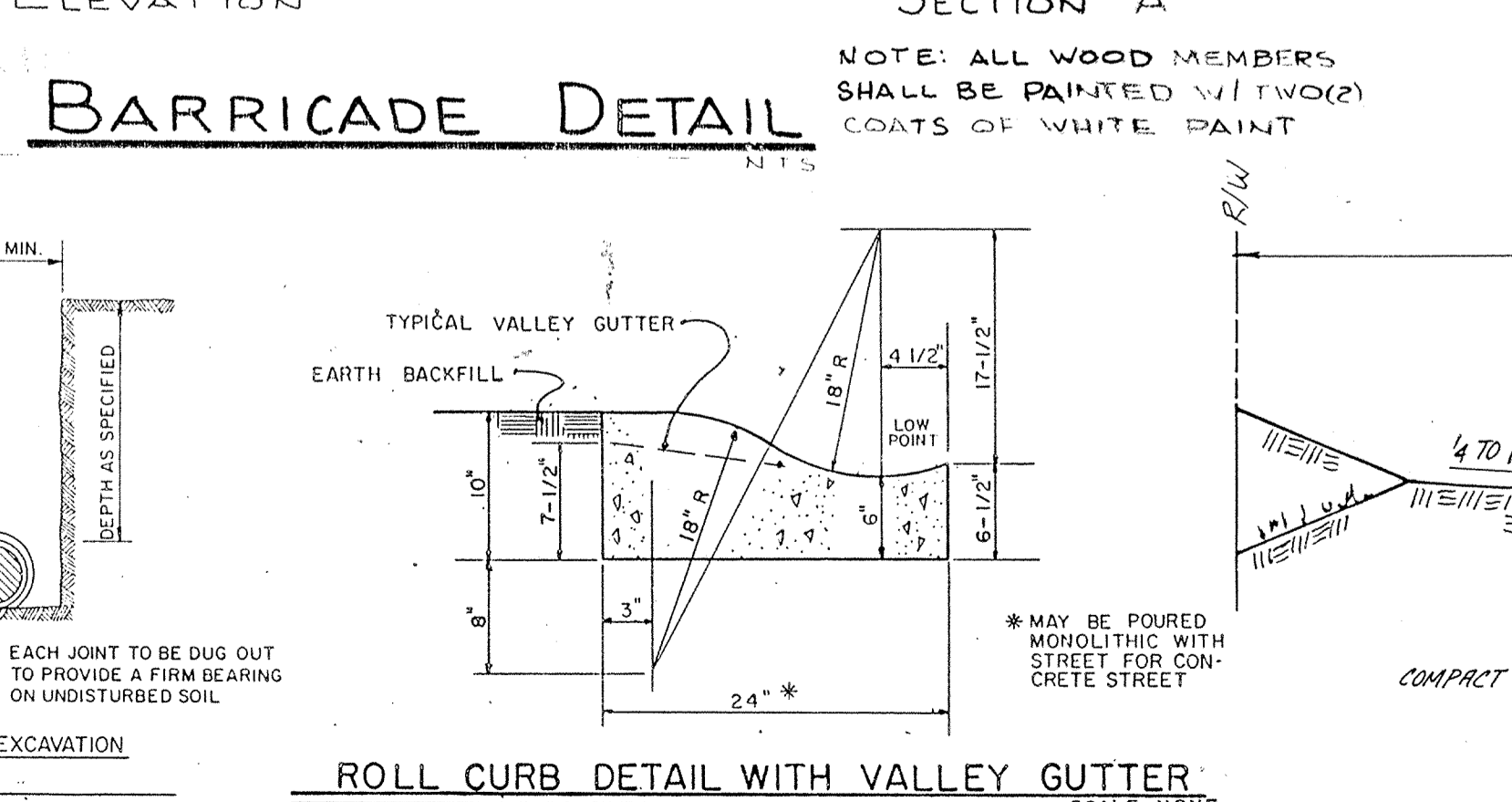
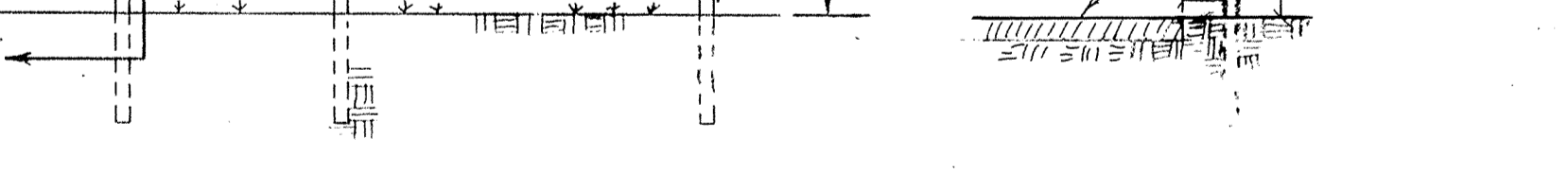
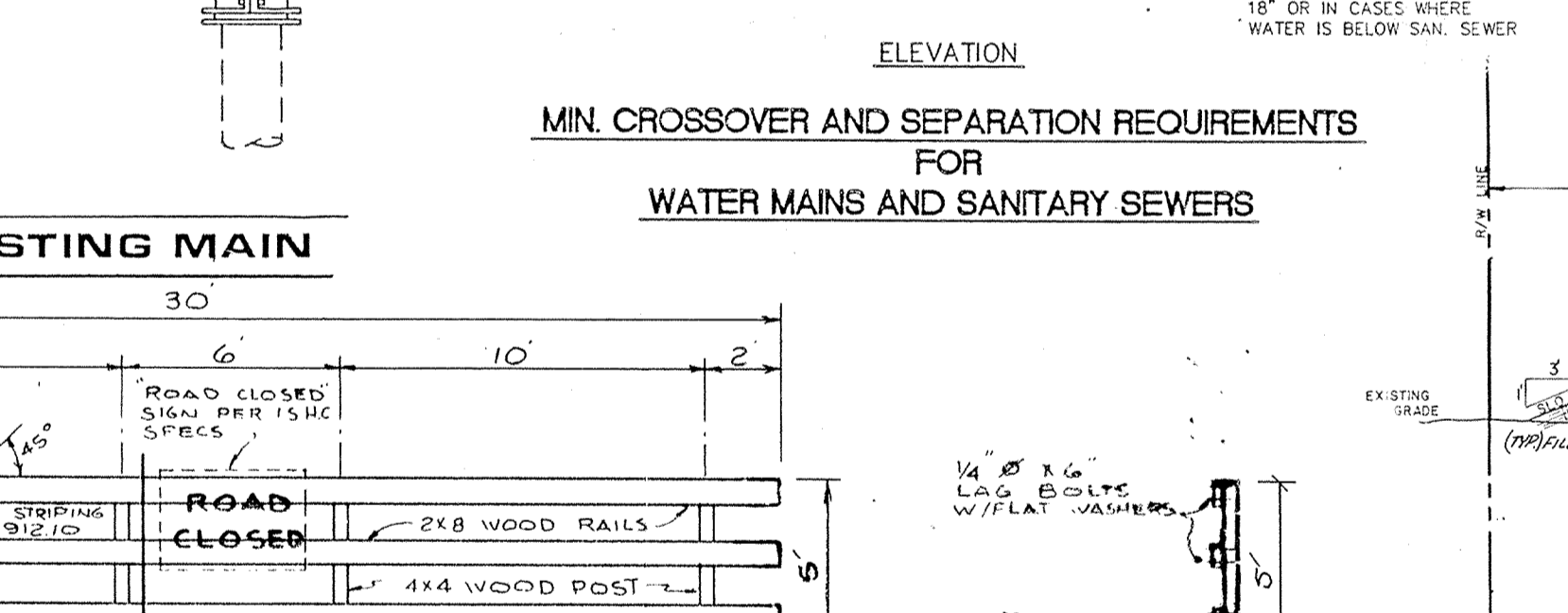
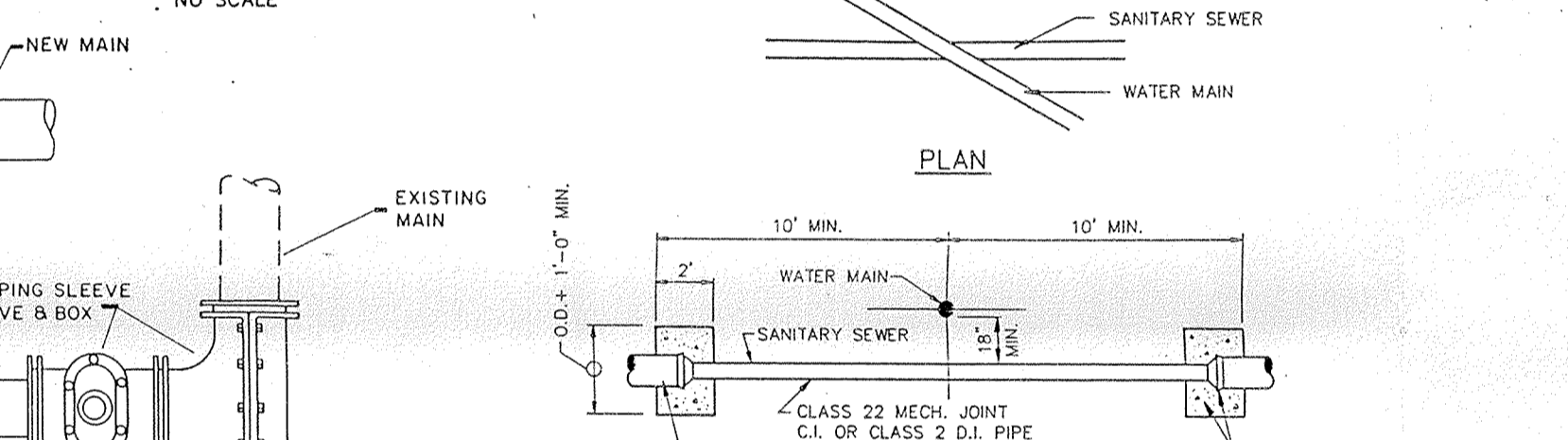
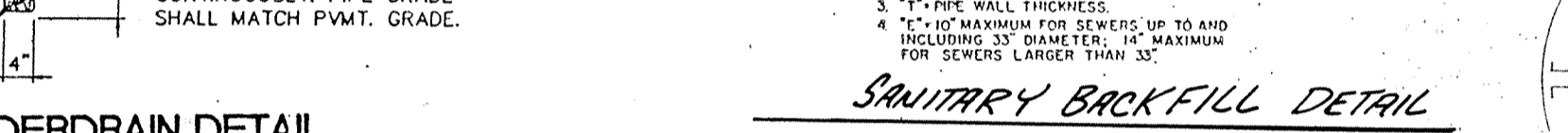
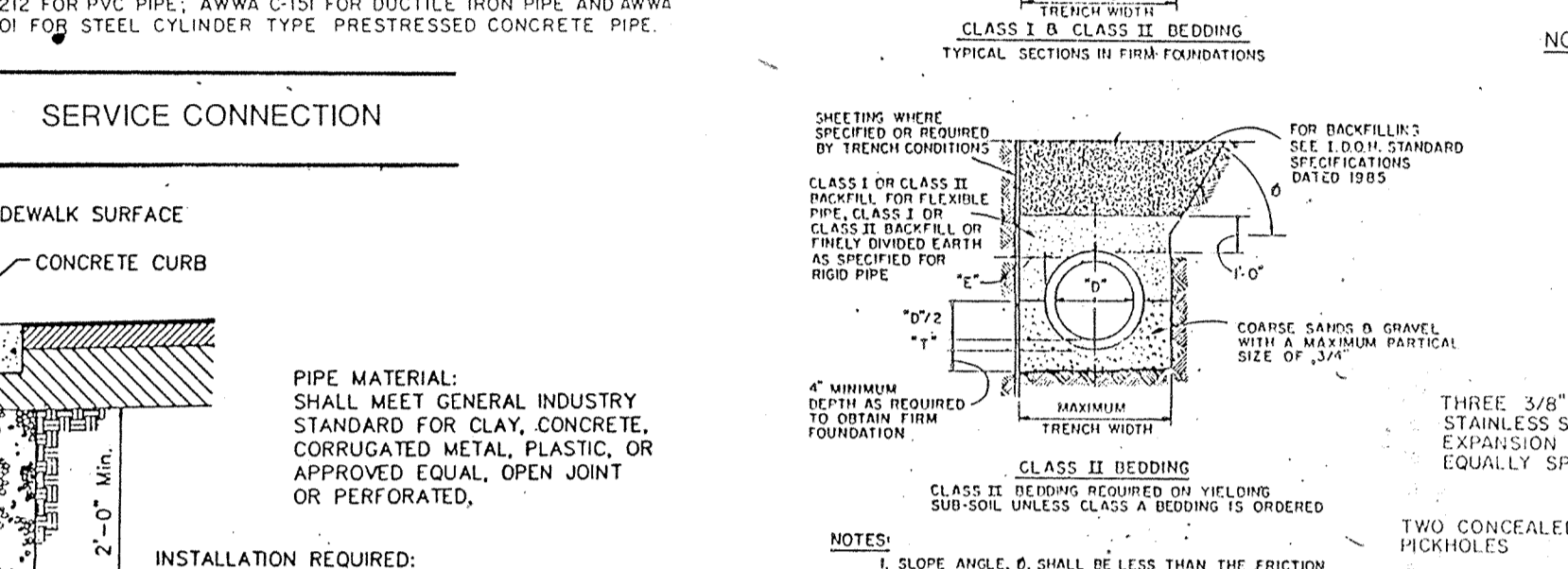
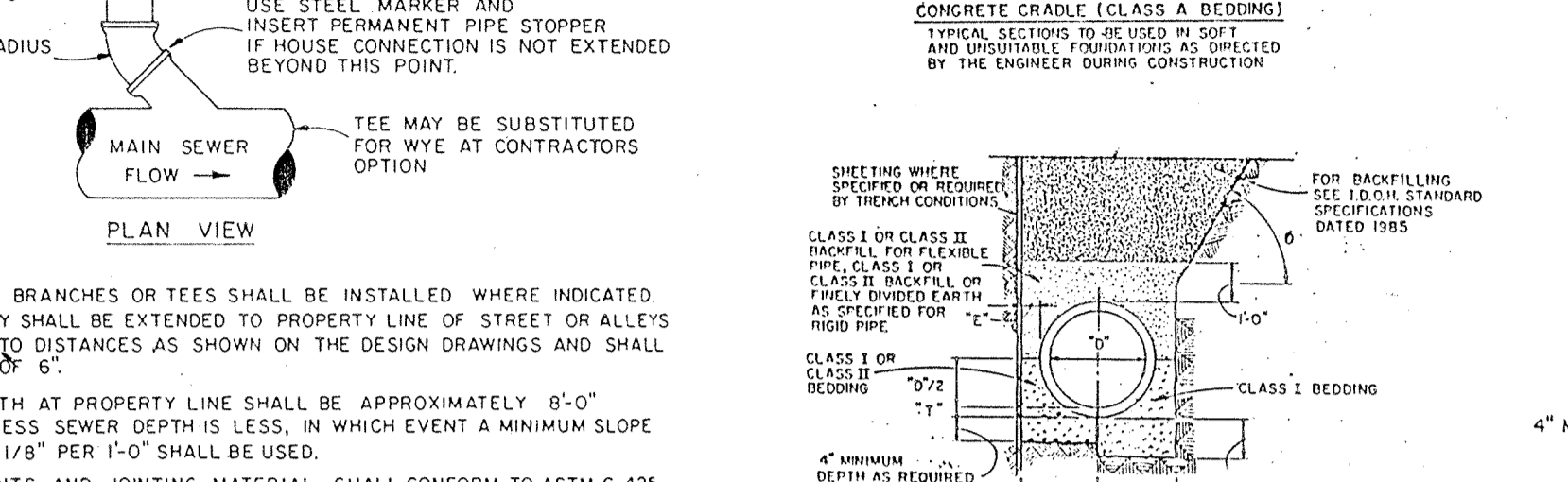
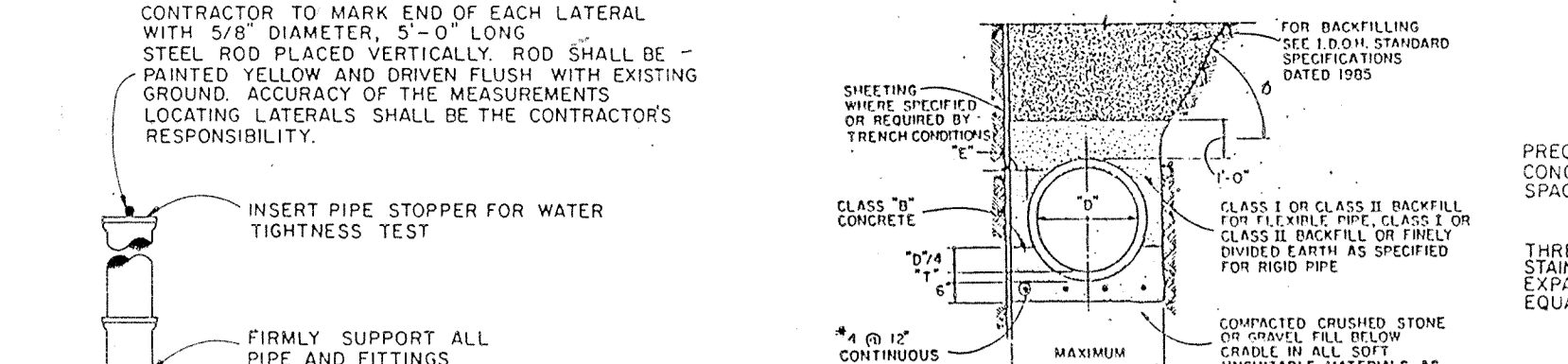
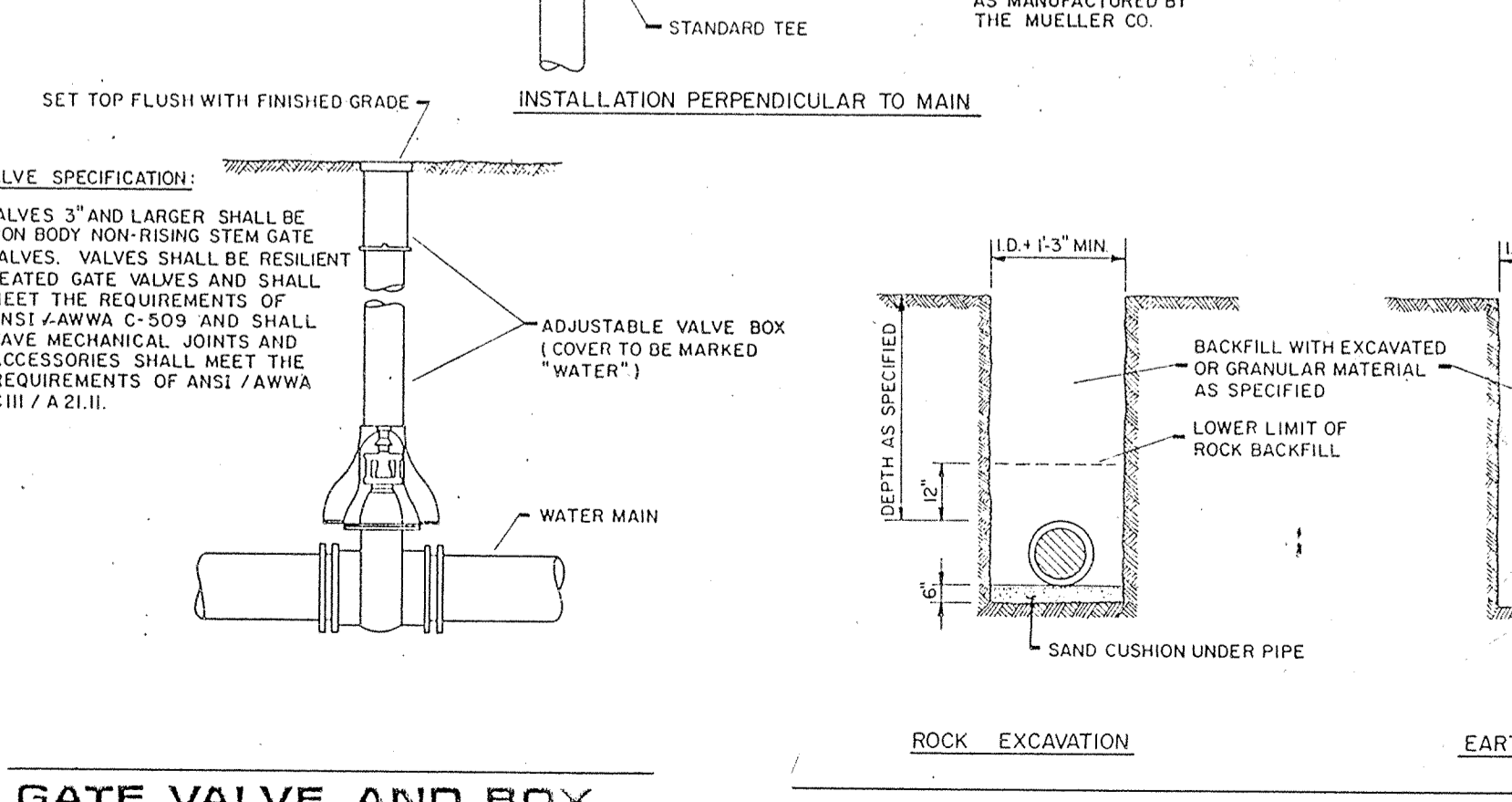
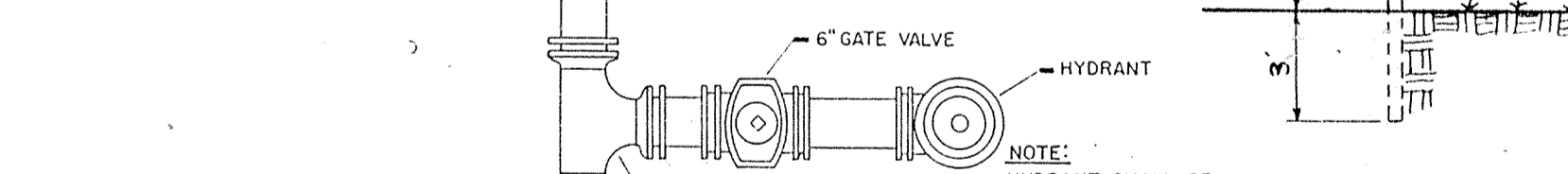
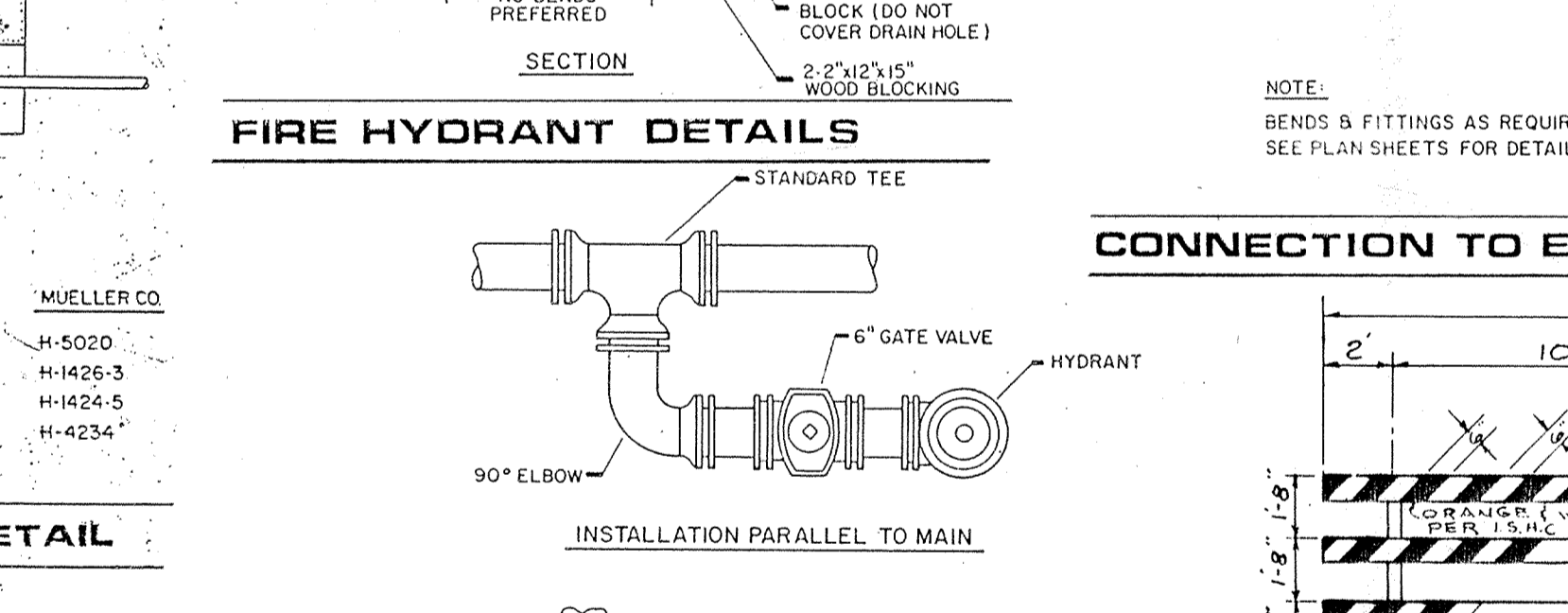
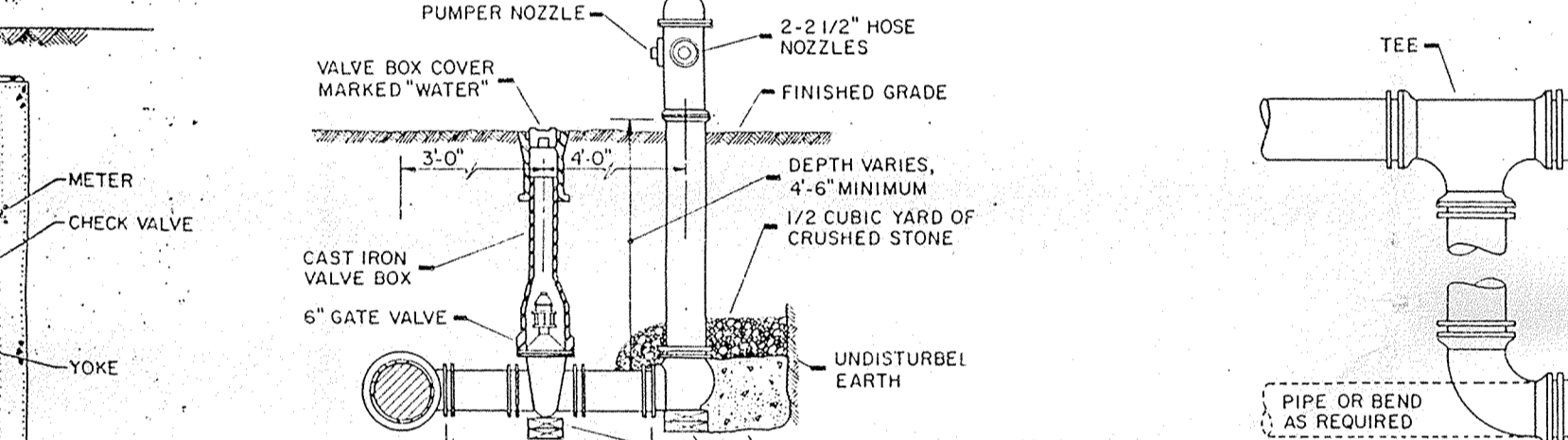
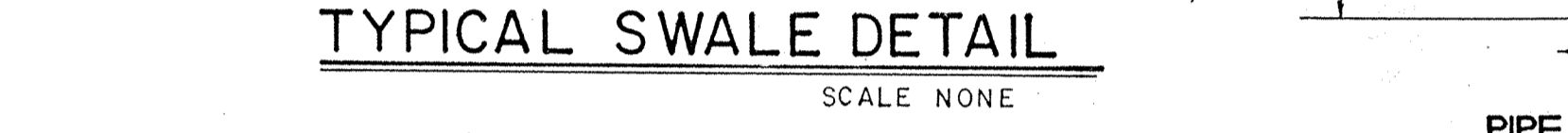
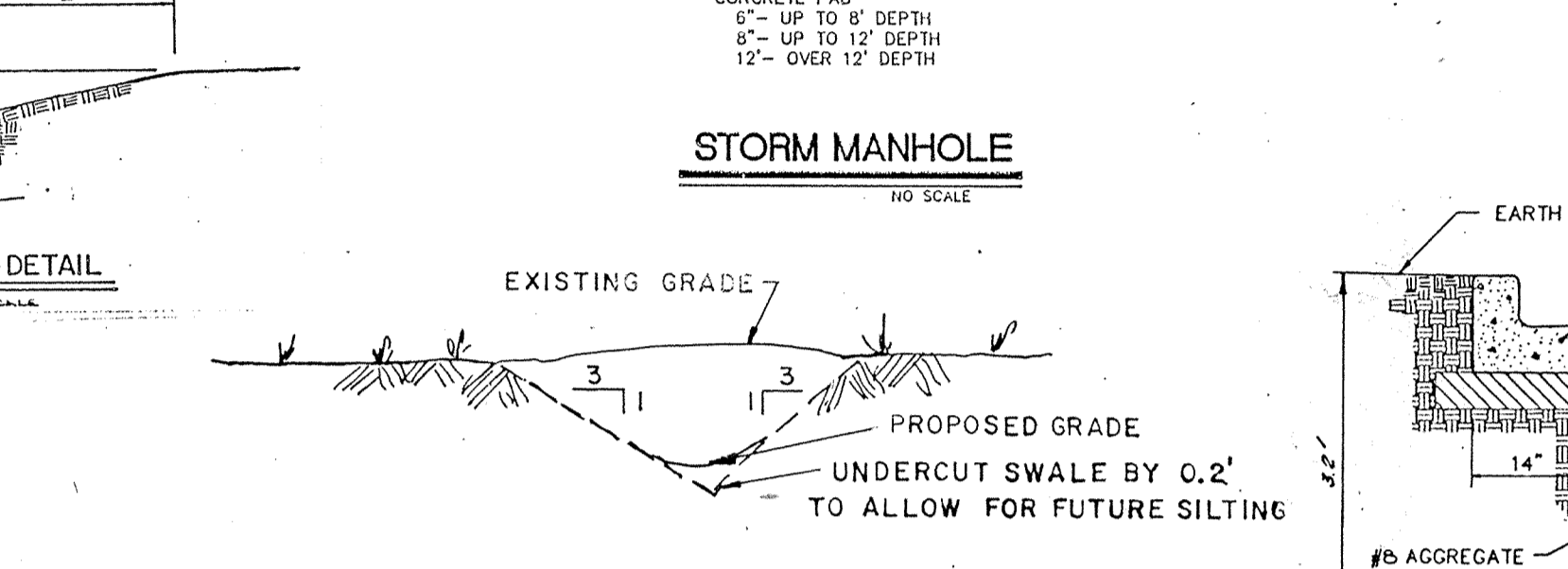
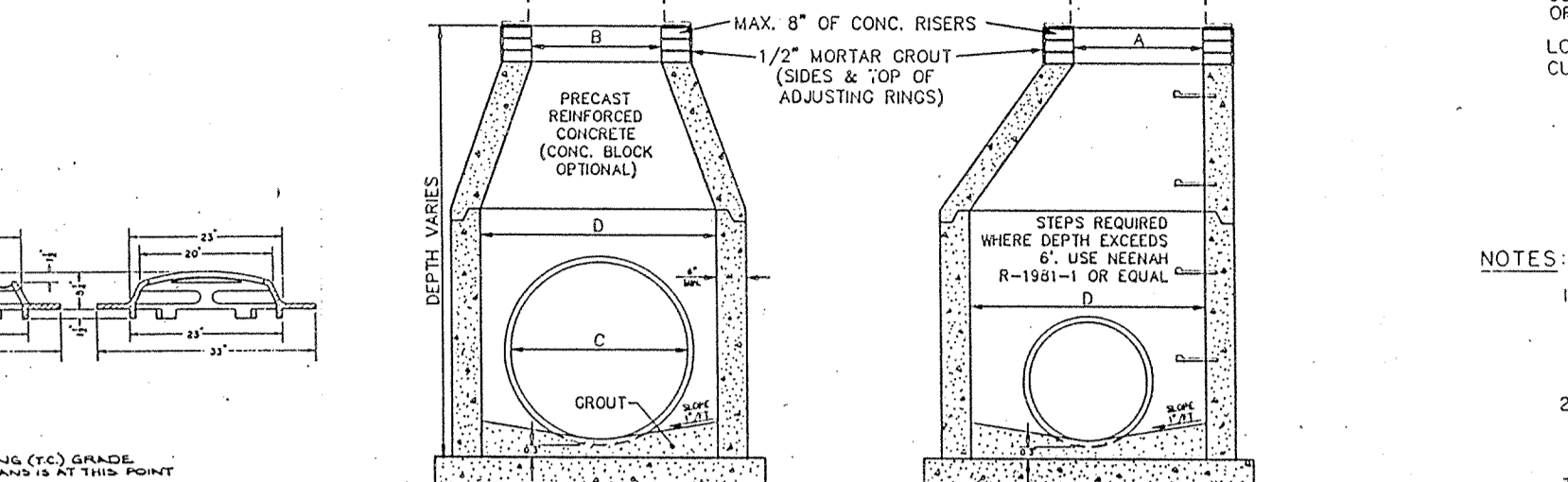
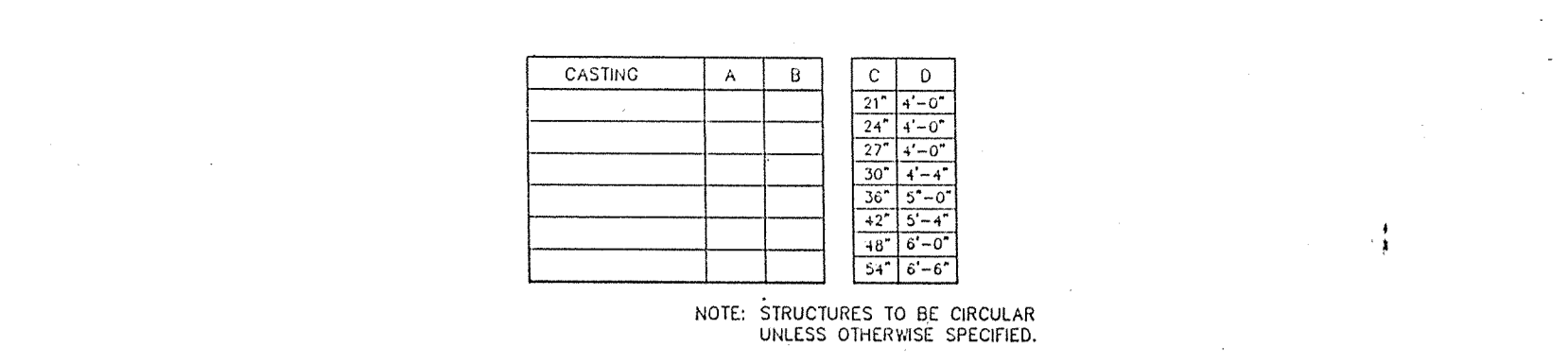
DIMENSIONS OF GALVANIZED STEEL END SECTIONS FOR ROUND PIPE

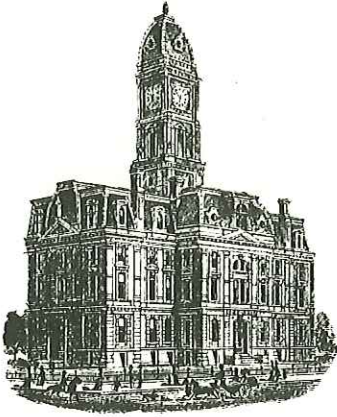
PIPE SIZE (INCHES)	WALL THICKNESS (INCHES)	MINIMUM END SECTION LENGTH (INCHES)	MINIMUM END SECTION WEIGHT (LBS)
12	1/8	6	6
15	1/8	7	8
18	1/8	8	10
24	1/8	10	13
30	1/8	12	16
36	1/8	14	19
42	1/8	16	22
48	1/8	18	25
54	1/8	20	28
60	1/8	22	31
66	1/8	24	34
72	1/8	26	37
78	1/8	28	40
84	1/8	30	43



TRUSS BLOCK DETAILS

SIZE	TEE & PLUG	90° BEND	45° BEND	22 1/2° BEND	11 1/4° BEND
4"	2.0	2.5	1.5	1.0	1.0
6"	4.0	5.0	3.0	2.0	2.0
8"	6.5	8.0	5.0	3.5	3.5
10"	10.0	12.0	7.5	5.0	5.0
12"	14.0	17.0	11.0	7.5	7.5
14"	19.0	23.0	15.0	10.0	10.0
16"	25.0	30.0	19.0	13.0	13.0
18"	31.5	38.5	24.0	17.0	17.0
20"	38.0	47.5	29.5	21.0	21.0
24"	55.5	70.5	42.5	30.0	30.0
30"	86.5	112.0	65.0	45.0	45.0
36"	124.0	158.5	95.0	65.0	65.0
42"	168.0	217.5	128.5	87.5	87.5





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: 16

Drain Length: n/a

Drain Name: Sun Communications Bus Park
Section 1 **Change +/-:** n/a

Date: 3-3-2014

New Length: n/a

Verified By: GRH, SLM

Notes & Sketch:

Structure 802 was modified from an inlet to a manhole. Structure 1 was modified from an inlet to a manhole. This was done with the road improvements for SR 32.


Suzanne L. Mills
GIS Specialist