

Report. HW 828076.  
1995-11-15. DOT  
Leachate Collection System

**New York State Department of Environmental Conservation**

Region 8 Office - Division of Hazardous Waste Remediation

6274 East Avon-Lima Road  
Avon, New York 14414-9519

Telephone: (716) 226-2466

November 15, 1995

Ms. Karen Trank  
New York State Department of Transportation  
1530 Jefferson Road  
Rochester, New York 14623-3161



Michael D. Zagata  
Commissioner

Renée Forgensl Davison  
Regional Director

Dear Ms. Trank:

**RE: Former Scobell Chemical Site (#828076)**

We have received your November 8, 1995 request to discontinue operation of the leachate collection system (the system) at the referenced site, and we have reviewed our file information.

Our files indicate the system was intended to collect contaminated groundwater seepage from the rock face adjacent to Detour #2 during the I-490/I-590 interchange reconstruction. The system was not designed to be a final remediation, nor was it designed to be an active groundwater recovery system. Review of site data indicate a limited amount of groundwater analyses are available, and the site lacks a network of regularly monitored groundwater wells. Using the existing data, it cannot be determined whether continued operation of the system is providing protection to the environment at this time. Furthermore, it is our understanding the system has not been in operation for more than a year.

Taking these items into consideration, the NYSDOT may discontinue operation of the system and proceed with removal of the collection tank. Please be aware that after completion of a remedial investigation/feasibility study (RI/FS), it may be necessary to actively operate the system in the future.

Thank you and Ms. Papin for all of your cooperation. Please give me a call if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Todd M. Caffoe".

Todd M. Caffoe, P.E.  
Environmental Engineer II  
Division of Hazardous  
Waste Remediation

cc: M.J. Peachey R. Elliott  
D. Crosby D. Napler

RECEIVED

NOV 21 1995

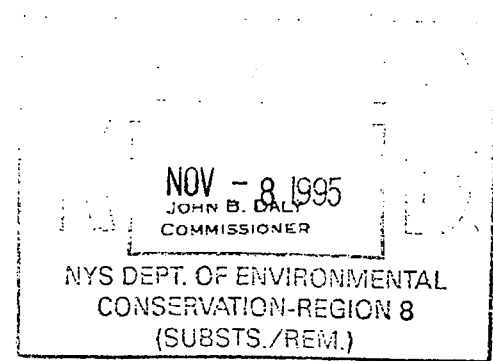
WESTERN REMEDIAL ACTION  
ON HAZARDOUS  
WASTE



STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION  
1530 JEFFERSON ROAD  
ROCHESTER, N.Y. 14623-3161

LEWIS M. GURLEY, P.E.  
REGIONAL DIRECTOR

Mr. Todd Caffoe  
Hazardous Waste Remediation  
NYS Department of Environmental Conservation  
6274 East Avon-Lima Road  
Avon, NY 14414



11/8/95

Dear Mr. Caffoe,

This is to formally verify that the NYSDEC agrees that the use of the leachate collection system at the former Scobell Chemical Site (IHW Site 82076) be permanently discontinued and that the tank be removed.

The system, which was built to prevent potentially contaminated groundwater from running across Detour #2, a temporary road built for the Can of Worms construction project, has not been operating due to mechanical difficulties. This was discussed in our August 3, 1995 meeting with you. During the time that the system has been inoperative, there has been no evidence of groundwater migrating off site and running across Route I590 South which was built close to where Detour #2 was previously located. As such, the Department proposes to permanently shut down the system as part of the disposal project currently being prepared to remove the drums of hazardous materials stored in the trailer on this site.

As our deadline for the preparation of this project is November 30, 1995, we need to know within a week if the NYSDEC agrees that the system can be permanently discontinued and that the tank can be removed. Please contact MaryEllen Papin or myself at 272-4826 if you have any questions or require any additional information. We would be happy to come to your office to discuss this with you if necessary.

Thank you for your prompt assistance.

Sincerely,

Karen Frank  
Environmental Specialist II



STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION  
1530 JEFFERSON ROAD  
ROCHESTER, N.Y. 14623-3161

LEWIS M. GURLEY, P.E.  
REGIONAL DIRECTOR

JOHN B. DALY  
COMMISSIONER

September 25, 1995

Mr. Todd Caffoe  
NYSDEC Region 8  
Division of Hazardous Waste Remediation  
6274 East Avon-Lima Road  
Avon, NY 14414

Re: The Former Scobell Chemical Site  
(IHW Site #828076)  
1 Rockwood Place  
Rochester, NY 14610

Dear Mr. Caffoe:

As discussed in our meeting on August 3, 1995 this letter is to inform you that the leachate collection system on the Scobell site has been turned off. The storage tank associated with this system is currently empty. We plan to have the tank cleaned and removed from the site in conjunction with the upcoming removal of the 62 drums of stored material. Please contact me if you have any questions or concerns regarding this matter. Thank you.

Sincerely,

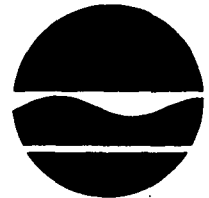
A handwritten signature in cursive script that reads "Mary Ellen Papin".

Mary Ellen Papin

cc: Mr. Dixon Rollins, Division of Hazardous Substances Regulation, NYSDEC, Region 8  
Mr. David Munro, Attorney General's Office, NYS Department of Law  
Mr. David Crosby, Division of Hazardous Waste Remediation, NYSDEC, Albany

DAC

New York State Department of Environmental Conservation  
50 Wolf Road, Albany, New York 12233



Thomas C. Jorling  
Commissioner

APR 26 1990

John Brennessel, P.E.  
New York State Department of Transportation  
Field Office  
116 Winton Road North  
Rochester, NY 14610

Re: Underdrain Collection System, I-490/I-590 Interchange  
Reconstruction, Scobell Chemical, Site # 828076, Monroe  
County

Dear Mr. Brennessel:

During our site visit of April 10, 1990, we discussed how a future phase of the I-490/I-590 Interchange Reconstruction will affect the present leachate collection system presently operating at the Scobell Site. We further discussed the possibility of maintaining the integrity of the collection system, both during and after the proposed phase of the reconstruction project.

It is the view of the department that the control of the migration of the remaining contamination at the site is important until such time as a final remedial action is determined. It is therefore desirable and protective of the environment to maintain the usefulness of the leachate collection beyond the completion of the I-490/I-590 project. To this end, we request the opportunity to review the details of the phase of the project which will impact on the present collection system and ask the DOT to consider efforts to maintain the viability of the leachate system. Please feel free to contact me regarding this issue and thank you again for your time during our site visit.

Sincerely,

David A. Crosby  
Assistant Sanitary Engineer  
Remedial Action Section C  
Bureau of Western Remedial Action  
Div. of Hazardous Waste Remediation

cc: E. Belmore  
T. Caffoe  
G. Slatter, AG Office, Buffalo  
R. Elliot, MCHD  
J. Ryan, DEE, Buffalo



Date: 11-7-95

# REGION 4 DESIGN

## Fax Transmittal Sheet

To: TODD CAFFESE  
Co.: DEC-B  
Dept.: HAZ WST. REM.  
FAX #: 226-2909

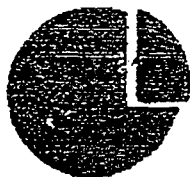
From: MARY ELLEN PAPIN  
Co.: DDT-4  
Phone #: 272-4826  
FAX #: 272-7547



Comments: 1992 TANK SAMPLING ANALYTICAL

RESULTS CURRENTLY  
TODD: WE ARE WORKING ON THE SCOBELL SPECIFICATIONS PACKAGE  
FOR DISPOSAL OF THE DRUMMED SOIL + DEBRIS AT THE SITE. WE WILL  
NEED TO KNOW PRETTY SOON WHETHER THE TANK CAN BE REMOVED  
AT THE SAME TIME AS THE DRUM DISPOSAL OR WHETHER IT SHOULD  
BE LEFT ON SITE FOR POSSIBLE FUTURE USE. PLEASE CALL IF YOU  
HAVE ANY QUESTIONS. THANK YOU FOR YOUR HELP.

MARY ELLEN



# LOZIER LABORATORIES, INC.

909 CULVER ROAD  
 ROCHESTER, NEW YORK 14609  
 716-654-8350

NEW YORK STATE  
 APPROVED  
 ENVIRONMENTAL LABORATORY

AUG 21 1992  
 ADMINISTRATION

CLIENT: NEW YORK STATE DOT                      DATE REC'D : 07/06/92  
 1530 JEFFERSON ROAD                      LABORATORY NO. : 92073313  
 ROCHESTER, NEW YORK 14623              REPORT DATE : 08/12/92

ATTN : PAM LACEY                                      RE : ABOVEGROUND TANK

### SAMPLE INFORMATION

SAMPLE DATE : 07/06/92                      LOCATION : SCOBEL SITE  
 SAMPLE TIME : 2:25 PM                      TYPE OF SAMPLE : WATER  
 NUMBER OF SAMPLES : 1                      SAMPLER : TANYA DENEÉ

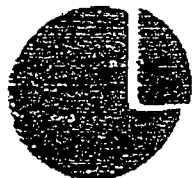
### TARGET COMFOUND LIST : SEMI-VOLATILE ORGANIC ANALYSIS

E.P.A. 8270	TANK AT SCOBEL SITE LEACHATE WATER	UNITS
PHENOL	<10	ug/l
bis(2-CHLOROETHYL) ETHER	<10	ug/l
2-CHOROPHENOL	<10	ug/l
1,3-DICHLOROBENZENE	<10	ug/l
1,4-DICHLOROBENZENE	<10	ug/l
BENZYL ALCOHOL	<10	ug/l
1,2-DICHLOROBENZENE	<10	ug/l
2-METHYLPHENOL	<10	ug/l
bis(2-CHLOROISOPROPYL) ETHER	<10	ug/l
4-METHYLPHENOL	<10	ug/l
N-NITROSO-Di-n-PROPYLAMINE	<10	ug/l

\* Analysis performed by NYS Certified  
 Lab No. 11030.

LABORATORY DIRECTOR





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NEW YORK STATE DOT / LAB # 92073313

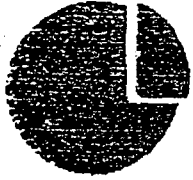
PAGE 2 OF 9

-----  
 TARGET COMPOUND LIST : SEMI-VOLATILE ORGANIC ANALYSIS  
 -----

E.P.A. 8270	TANK AT SCOBEL SITE LEACHATE WATER	UNITS
HEXACHLOROETHANE	<10	ug/l
NITROBENZENE	<10	ug/l
ISOPHORDNE	<10	ug/l
2-NITROPHENOL	<10	ug/l
2,4-DIMETHYLPHENOL	<10	ug/l
BENZOIC ACID	<10	ug/l
bis(2-CHLOROETHOXY) METHANE	<10	ug/l
2,4-DICHLOROPHENOL	<10	ug/l
1,2,4-TRICHLOROBENZENE	<10	ug/l
NAPHTHALENE	<10	ug/l
4-CHLOROANILINE	<10	ug/l
HEXACHLOROBUTADIENE	<10	ug/l
4-CHLORO-3-METHYLPHENOL	<10	ug/l
2-METHYLNAPHTHALENE	<10	ug/l
HEXACHLOROCYCLO- PENTADIENE	<10	ug/l
2,4,6-TRICHLOROPHENOL	<10	ug/l
2,4,5-TRICHLOROPHENOL	<25	ug/l

\* Analysis performed by NYS Certified  
 Lab No. 11030.

*William J. LaSalle*  
 LABORATORY DIRECTOR



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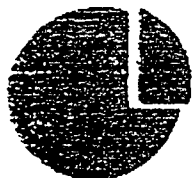
PAGE 3 OF 9

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TARGET COMPOUND LIST : SEMI-VOLATILE ORGANIC ANALYSIS  
-----

E.P.A. 8270	TANK AT SCOBEL SITE LEACHATE WATER	UNITS
2-CHLORONAPHTHALENE	<10	ug/l
2-NITROANILINE	<25	ug/l
DIMETHYLPHTHALATE	<10	ug/l
ACENAPHTHYLENE	<10	ug/l
2,6-DINITROTOLUENE	<10	ug/l
3-NITROANILINE	<25	ug/l
ACENAPHTHENE	<10	ug/l
2,4-DINITROPHENOL	<25	ug/l
4-NITROPHENOL	<25	ug/l
DIBENZOFURAN	<10	ug/l
2,4-DINITROTOLUENE	<10	ug/l
DIETHYLPHTHALATE	<10	ug/l
4-CHLOROPHENYL-PHENYLETHER	<10	ug/l
FLUORENE	<10	ug/l
4-NITROANILINE	<25	ug/l
4,6-DINITRO-2-METHYLPHENOL	<25	ug/l
N-NITROSODIPHENYLAMINE	<10	ug/l
4-BROMOPHENYL-PHENYLETHER	<10	ug/l

\* Analysis performed by NYS Certified  
Lab No. 11030.

*William J. Laffin, Jr.*  
LABORATORY DIRECTOR



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NEW YORK STATE DOT / LAB # 92073313

PAGE 4 OF 9

TARGET COMPOUND LIST : SEMI-VOLATILE ORGANIC ANALYSIS

E.P.A. 8270	TANK AT SCOBEL SITE LEACHATE WATER	UNITS
HEXACHLOROBENZENE	<10	ug/l
PENTACHLOROPHENOL	<25	ug/l
PHENANTHRENE	<10	ug/l
ANTHRACENE	<10	ug/l
Di-n-BUTYLPHTHALATE	<10	ug/l
FLUORANTHENE	<10	ug/l
PYRENE	<10	ug/l
BUTYLBENZYLPHTHALATE	<10	ug/l
3,3'-DICHLOROBENZIDINE	<10	ug/l
BENZO (a) ANTHRACENE	<10	ug/l
CHRYSENE	<10	ug/l
bis (2-ETHYLHEXYL) PHTHALATE	<10	ug/l
Di-n-OCTYLPHTHALATE	<10	ug/l
BENZO (b) FLUORANTHENE	<10	ug/l
BENZO (k) FLUORANTHENE	<10	ug/l
BENZO (a) PYRENE	<10	ug/l
INDENO (1,2,3-cd) PYRENE	<10	ug/l
DIBENZO (a,h) ANTHRACENE	<10	ug/l
BENZO (g,h,i) PERYLENE	<10	ug/l

\* Analysis performed by NYS Certified  
 Lab No. 11030.

*Robert J. Laffin, MDAC*  
 LABORATORY DIRECTOR



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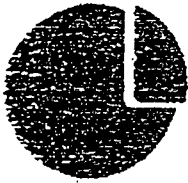
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CHLORINATED PESTICIDES  
-----

PARAMETER	TANK AT SCOBEL SITE LEACHATE WATER	UNITS
ALPHA-ENDOSULFAN	<5	ug/l
BETA-ENDOSULFAN	<5	ug/l
ENDOSULFAN SULFATE	<5	ug/l
ALPHA-BHC	<1	ug/l
BETA-BHC	<1	ug/l
DELTA-BHC	<1	ug/l
GAMMA-BHC	<1	ug/l
ALDRIN	<1	ug/l
DIELDRIN	<5	ug/l
4,4-DDE	<5	ug/l
4,4-DDD	<5	ug/l
4,4-DDT	<5	ug/l
ENDRIN	<5	ug/l
ENDRIN ALDEHYDE	<5	ug/l
HEPTACHLOR	<1	ug/l
HEPTACHLOR EPOXIDE	<1	ug/l
CHLORDANE	<50	ug/l
TOXAPHENE	<50	ug/l

Performed by EPA Method 609.

NYSDOH LAB ID # 10390

*[Signature]*  
LABORATORY DIRECTOR



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ROCHESTER, NEW YORK 14609  
716-854-8350

JULY 01 1992  
SAMPLE PAGE 6 OF 10

NEW YORK STATE  
APPROVED  
ENVIRONMENTAL LABORATORY

CLIENT: NEW YORK STATE DOT

DATE REC'D : 07/06/92  
LABORATORY NO. : 92073313  
REPORT DATE : 08/12/92

PAGE 6 OF 9

## SAMPLE INFORMATION

SAMPLE DATE :	07/06/92	LOCATION :	SCOBEL SITE
SAMPLE TIME :	2:25 PM	TYPE OF SAMPLE :	WATER
NUMBER OF SAMPLES :	1	SAMPLER :	TANYA DENEZ

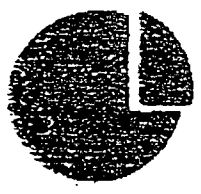
## PURGEABLE HALOCARBONS

PARAMETER	TANK AT SCOBEL SITE LEACHATE WATER	UNITS
CHLOROMETHANE	<1.0	ug/L
BROMOMETHANE	<1.0	ug/L
DICHLORODIFLUOROMETHANE	<1.0	ug/L
VINYL CHLORIDE	<1.0	ug/L
CHLOROETHANE	<1.0	ug/L
METHYLENE CHLORIDE	36.2	ug/L
TRICHLOROFLUOROMETHANE	21.0	ug/L
1,1 - DICHLOROETHENE	4.5	ug/L
1,1 - DICHLOROETHANE	<1.0	ug/L
trans-1,2-DICHLOROETHENE	9.5	ug/L

\* Performed by EPA Method 601

NYSDDH LAB ID # 10390

*[Signature]*  
LABORATORY DIRECTOR



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PAGE 7 OF 9

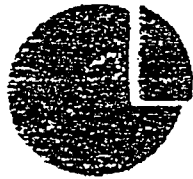
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PURGEABLE HALOCARBONS  
-----

PARAMETER	TANK AT SCOBEL SITE LEACHATE WATER	UNITS
CHLOROFORM	<1.0	ug/L
1,2 -DICHLOROETHANE	21.7	ug/L
1,1,1-TRICHLOROETHANE	93.4	ug/L
CARBON TETRACHLORIDE	<1.0	ug/L
BROMODICHLOROMETHANE	<1.0	ug/L
1,2 -DICHLOROPROPANE	<1.0	ug/L
trans-1,3-DICHLOROPROPENE	<1.0	ug/L
TRICHLOROETHENE	435	ug/L
DIBROMOCHLOROMETHANE	<1.0	ug/L
1,1,2-TRICHLOROETHANE	<1.0	ug/L
cis-1,3-DICHLOROPROPENE	<1.0	ug/L
2-CHLOROETHYL VINYL ETHER	<1.0	ug/L
BROMOFORM	<1.0	ug/L
1,1,2,2-TETRACHLOROETHANE	<1.0	ug/L
TETRACHLOROETHENE	114	ug/L

\* Performed by EPA Method 601.

NYSDOH LAB ID # 10390

*[Signature]*  
LABORATORY DIRECTOR



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NEW YORK STATE DOT / LAB # 9207331'S

PAGE 8 OF 9

-----  
PURGEABLE AROMATICS  
-----

PARAMETER	TANK AT SCOBEL SITE LEACHATE WATER	UNITS
BENZENE	<1.0	ug/l
TOLUENE	<1.0	ug/l
CHLOROBENZENE	<1.0	ug/l
ETHYLBENZENE	<1.0	ug/l
TOTAL XYLENES	<5.0	ug/l
o-DICHLOROBENZENE	<1.0	ug/l
m-DICHLOROBENZENE	<1.0	ug/l
p-DICHLOROBENZENE	<1.0	ug/l
MTBE	23.7	ug/l

Performed by EPA Method 602.

*[Signature]*  
LABORATORY DIRECTOR

N.Y.S.D.D.H. LAB ID # 10390



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NEW YORK STATE DOT / LAB # 92073313

PAGE 9 OF 9

## LABORATORY REPORT

TOTAL METALS	TANK AT SCOBEL SITE LEACHATE WATER	UNITS	METHOD NUMBER	DATE ANALYZED
ANTIMONY	<0.02	mg/l	EPA 204.1	07/10
ARSENIC	<0.01	mg/l	EPA 206.2	07/07
BARIUM	<0.20	mg/l	EPA 208.1	07/14
BERYLLIUM	<0.05	mg/l	EPA 210.1	07/17
CADMIUM	<0.05	mg/l	EPA 213.1	07/09
CHROMIUM	<0.05	mg/l	EPA 218.1	07/09
COPPER	<0.05	mg/l	EPA 220.1	07/08
LEAD	<0.20	mg/l	EPA 239.1	07/09
MERCURY	<0.0004	mg/l	EPA 245.1	07/16
NICKEL	<0.05	mg/l	EPA 249.1	07/08
SELENIUM	<0.01	mg/l	EPA 270.2	07/07
SILVER	<0.05	mg/l	EPA 272.1	07/07
THALLIUM	<0.20	mg/l	EPA 279.1	07/10
VANADIUM	<0.05	mg/l	EPA 286.1	07/09
ZINC	<0.05	mg/l	EPA 289.1	07/08
TOTAL CYANIDE	<0.005	mg/l	EPA 335.2	07/06
TOTAL PHENDL	0.013	mg/l	EPA 420.1	07/13
HERBICIDES :	2,4-D	<0.05	mg/l	SM 509B
	2,4,5-TF	<0.05	mg/l	SM 509B

NYSDOH LAB ID # 10390

*William J. Coffey*  
 LABORATORY DIRECTOR





LOZIER LABORATORIES, INC.

909 CULVER ROAD  
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NEW YORK STATE DOT / LAB # 92073313

PAGE 9A

POLYCHLORINATED BIPHENYLS

PARAMETER	TANK AT SCOBEL SITE LEACHATE WATER	UNITS
PCB 1221	<0.10	ug/l
PCB 1232	<0.10	ug/l
PCB 1016	<0.10	ug/l
PCB 1242	<0.10	ug/l
PCB 1246	<0.10	ug/l
PCB 1254	<0.10	ug/l
PCB 1260	<0.10	ug/l
PCB 1262	<0.10	ug/l
PCB 1268	<0.10	ug/l
TOTAL PCB'S	<0.10	ug/l

Performed by EPA Method 3510/S050

NYSDOH LAB ID # 10390

*[Signature]*  
 LABORATORY DIRECTOR



STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION  
1530 JEFFERSON ROAD  
ROCHESTER, N.Y. 14623-3161

LEWIS M. GURLEY, P.E.  
REGIONAL DIRECTOR

FRANKLIN E. WHITE  
COMMISSIONER

*Menta*  
RECEIVED

MAY 04 1989  
SOLID WASTE  
D.E.C. REG. #8

May 2, 1989

Dixon R Rollins, P.E.  
Dept. of Environmental Conservation  
6274 East Avon-Lima Road  
Avon, New York  
14414

Re: Contract D500730 Monroe County  
Hazardous Waste Cleanup Scobell Chemical  
Liquid Sample Test Results

Dear Dick,

Please find attached for your review, the test results from General Testing Laboratories for the liquid sample from the leachate holding tank taken on 4/10/89. Please review these as soon as possible and advise us of your analysis.

If there are any questions or we can be of further assistance please contact us at 442-5662.

Very truly yours,

A handwritten signature in cursive script that reads "Harold Zeh".

Harold Zeh, CE1  
Engineer-in-Charge

HWZ:hwz  
attach.

# general testing corporation



water and wastewater testing specialists

710 Exchange Street  
Rochester, NY 14608  
(716) 464-3760

85 Trinity Place  
Hackensack, NJ 07601  
(201) 488-8242

## LABORATORY REPORT

Job No: R89/01327

Date: APR. 26 1989

Client:

Ms. Michele Colbert  
Sovenson Environmental Service  
2749 Lookport Road  
Niagara Falls, NY 14302

Sample(s) Reference

Scobell Chemical Site

148

Received

: 04/10/89

P.O. #:

ANALYSIS \* BY EPA METHOD 8240

ANALYTICAL RESULTS - ug/l

Sample:	1-005								
Location:	89-W1								
Date Collected:	04/10/89								
Time Collected:	11:45								
Date Analyzed:	04/19/89								
Acrylonitrile	<500								
Acrolein	<1000								
Chloroethene	<10								
Bromomethane	<10								
Vinyl Chloride	<10								
Chloroethane	<10								
Methylene Chloride	32.8***								
Trichlorofluoromethane	<10								
1,1-Dichloroethene	<10								
1,1-Dichloroethane	<10								
Total 1,2-Dichloroethene	1360								
Chloroform	<10								
1,2-Dichloroethane	122								
1,1,1-Trichloroethane	31.8								
Carbon Tetrachloride	<10								
Bromodichloromethane	<10								
1,2-Dichloropropane	<10								
Trans-1,3-Dichloropropane	<10								
Trichloroethene	224								
Dibromochloromethane	<10								
1,1,2-trichloroethane	<10								
Benzene	<10								
1,3-Dichloropropene(Cis)	<10								
2-Chloroethylvinyl Ether	<25								
Bromoform	<10								
Tetrachloroethane	302								
1,1,2,2-Tetrachloroethane	<10								
Toluene	150								
Chlorobenzene	<10								
Ethylbenzene	<10								

\*\*\*Common Lab Contaminant

general testing corporation



water and wastewater testing specialists

710 Exchange Street  
Rochester, NY 14608  
(716) 484-8760

86 Trinity Plaza  
Hackensack, NJ 07601  
(201) 488-8842

LABORATORY REPORT

Job No: R89/01327

Date: APR. 26 1989

Client:

Ms. Michele Colbert  
Savenson Environmental Service  
2749 Lockport Road  
Niagara Falls, NY 14302

Sample(s) Reference

Scobell Chemical Site

Received

: 04/10/89

P.O. #:

SURROGATE RECOVERIES / EPA METHOD 8240\* ANALYTICAL RESULTS - 8

Sample:	-005								
Location:	89-WI								
Date Collected:	04/10/89								
Time Collected:	11:45								
-----									
Date Analyzed:	04/19/89								
Surrogate Standard Recoveries									
-----									
1,2-Dichloroethane-d4 (Acceptance Limits: 73-123%)	101%								
Toluene d8 (Acceptance Limits: 88-110%)	96%								
Bromofluorobenzene (Acceptance Limits: 83-113%)	97%								

\* SW846 Manual, Test Methods for Evaluating solid Waste, 3rd Edition, 11/86.

Laboratory Director

# general testing corporation

water and wastewater testing specialists

710 Exchange Street  
Rochester, NY 14608  
(716) 454-3760

88 Trinity Place  
Hackensack, NJ 07601  
(201) 488-8242

## LABORATORY REPORT

Job No: R89/01327

Date: APR. 26 1989

Client:

Ms. Michele Colbert  
Sevenson Environmental Service  
2749 Lockport Road  
Niagara Falls, NY 14302

Sample(s) Reference

Scobell Chemical Site

Received

: 04/10/89

P.O. #:

ANALYSIS * BY EPA METHOD 8240		ANALYTICAL RESULTS - ug/l					
Samples Location:	-006 Lab Blank	-007 Lab Blank					
Date Collected:	--	--					
Time Collected:	--	--					
Date Analyzed:	04/18/89	04/19/89					
Acrylonitrile	<100	<100					
Acrolein	<200	<200					
Chloromethane	<2	<2					
Bromomethane	<2	<2					
Vinyl Chloride	<2	<2					
Chloroethene	<2	<2					
Methylene Chloride	<2	<2					
Trichlorofluoromethane	<2	<2					
1,1-Dichloroethene	<2	<2					
1,1-Dichloroethane	<2	<2					
Total 1,2-Dichloroethene	<2	<2					
Chloroform	<2	<2					
1,2-Dichloroethane	<2	<2					
1,1,1-Trichloroethane	<2	<2					
Carbon Tetrachloride	<2	<2					
Bromodichloromethane	<2	<2					
1,2-Dichloropropene	<2	<2					
Trans-1,3-Dichloropropene	<2	<2					
Trichloroethene	<2	<2					
Dibromochloromethane	<2	<2					
1,1,2-Trichloroethane	<2	<2					
Benzene	<2	<2					
1,3-Dichloropropene(Cis)	<2	<2					
2-Chloroethylvinyl Ether	<5	<5					
Bromoform	<2	<2					
Tetrachloroethene	<2	<2					
1,1,2,2-Tetrachloroethane	<2	<2					
Toluene	<2	<2					
Chlorobenzene	<2	<2					
Ethylbenzene	<2	<2					

# general testing corporation

water and wastewater testing specialists

710 Exchange Street  
Rochester, NY 14608  
(716) 484-3760

86 Trinity Place  
Hookansack, NJ 07001  
(201) 488-0242

## LABORATORY REPORT

Job No: R89/01327

Date: APR. 26 1989

Client:

Ms. Michele Colbert  
Sevenson Environmental Service  
2749 Lockport Road  
Niagara Falls, NY 14302

Sample(s) Reference

Scobell Chemical Site

Received

: 04/10/89

P.O. #:

SURROGATE RECOVERIES / EPA METHOD 8240\*

ANALYTICAL RESULTS - %

Sample:	-006	-007					
Location:	Lab	Lab					
	Blank	Blank					
Date Collected:	--	--					
Time Collected:	--	--					
-----							
Date Analyzed:	04/18/89	04/19/89					
Surrogate Standard Recoveries							
-----							
1,2-Dichloroethane-d4 (Acceptance Limits: 73-123%)	108%	107%					
Toluene d5 (Acceptance Limits: 80-110%)	96%	94%					
Bromofluorobenzene (Acceptance Limits: 83-113%)	99%	97%					

\* SW846 Manual, Test Methods for Evaluating Solid Waste, 3rd Edition, 11/86.



CILE - 10/11/88  
File - Scobell

STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION  
1530 JEFFERSON ROAD  
ROCHESTER, N.Y. 14623-3161

LEWIS M. GURLEY, P.E.  
REGIONAL DIRECTOR

FRANKLIN E. WHITE  
COMMISSIONER

November 2, 1988

Dixon R Rollins, P.E.  
Dept. of Environmental Conservation  
6274 East Avon-Lima Road  
Avon, New York  
14414

Re: Contract D500730 Monroe County  
Hazardous Waste Cleanup Scobell Chemical  
Test Data From Tanks

Gentlemen:

Please find attached the latest test results from General  
Testing Coporation for the outdoor tank samples taken on  
10/10/88.

If there are any questions or we can be of further assistance  
please contact us at 442-5662.

Very truly yours,

Harold Zeh , CE1  
Engineer-in-Charge

HWZ:hwz  
attach.

Not from leachate  
collection tank (system not  
installed until mid-November '88)  
↓  
from on-site tanks being disposed  
of during IREM  
See ↓ Bob Long's Field  
Reports

# Tank Analysis

LABSAM  
10/31/88

## R E S U L T    L I S T

General Testing Corporation  
16:43

SAMPLE : R88/03565  
 CLIENT : SEVENSON ENVIRONMENTAL  
 DATESAMP : 881010  
 DESCRIPT : #001&#005  
 REQUEST : MICHELE COLBERT

SSAMPLE : -001  
 SSOURCE : SCOBELL CHEMICAL  
 DATERECD : 881013  
 DESCR2 : COMPOSITE  
 DATE\_DUE : 11/03/88

IDC	- P#-	M#	Description	Result	Units
EPAG	-	17	Silver	10/17/88	mg/l
EPAG			Silver	<0.10	mg/l
EPCD	-	17	Cadmium	10/18/88	mg/l
EPCD			Cadmium	<0.10	mg/l
EPPB			Lead	<0.50	mg/l
U5			Ignitability °C	>80	°C
EPPB	-	17	Lead	10/18/88	mg/l
EPHG	-	17	Mercury	10/19/88	mg/l
EPHG			Mercury	<0.0020	mg/l
EPAS	-	17	Arsenic	10/21/88	mg/l
EPAS			Arsenic	0.135	mg/l
EPCR	-	17	Chromium	10/21/88	mg/l
EPCR			Chromium	<0.50	mg/l
EPBA	-	17	Barium	10/21/88	mg/l
EPBA			Barium	<1.0	mg/l
U5	-	17	Ignitability °C	10/21/88	°C
8240	SCAN		Volatile Organics-GC/MS	**	
624A			Chloromethane	<50	ug/l
624B			Bromomethane	<50	ug/l
624C			Dichlorodifluoromethane	<50	ug/l
624D			Vinyl Chloride	<50	ug/l
624E			Chloroethane	<50	ug/l
624F			Methylene Chloride	<25	ug/l
624G			Trichlorofluoromethane	<25	ug/l
624H			1,1-Dichloroethene	<25	ug/l
624I			1,1-Dichloroethane	<25	ug/l
624J			1,2-Dichloroethene	<25	ug/l
624K			Chloroform	<25	ug/l
624L			1,2-Dichloroethane	<25	ug/l
624M			1,1,1-Trichloroethane	<25	ug/l
624N			Carbon Tetrachloride	<25	ug/l
624O			Bromodichloromethane	<25	ug/l
624P			1,2-Dichloropropane	<25	ug/l
624Q			1,3-Dichloropropene	<25	ug/l
624R			Trichloroethene	<25	ug/l
624S			1,3-Dichloropropene (Cis)	<25	ug/l
624T			Dibromochloromethane	<25	ug/l
624U			1,1,2-Trichloroethane	<25	ug/l
624V			2-Chloroethylvinyl Ether	<25	ug/l
624W			Bromoform	<25	ug/l
624X			1,1,2,2-Tetrachloroethan	<25	ug/l
624Y			Tetrachloroethene	<25	ug/l
624Z			Chlorobenzene	<25	ug/l



LABSAM  
10/31/88

R E S U L T    L I S T

General Testing Corporation  
16:43

Page 2

SAMPLE : R88/03565  
CLIENT : SEVENSON ENVIRONMENTAL  
DATESAMP : 881010  
DESCRIPT : #001&#005  
REQUEST : MICHELE COLBERT

SSAMPLE : -001  
SSOURCE : SCOBELL CHEMICAL  
DATERECD : 881013  
DESCR2 : COMPOSITE  
DATE\_DUE : 11/03/88

IDC	- P#- M#	Description	Result	Units
624ZA		1,3-Dichlorobenzene(m)	<25	ug/l
624ZB		1,2-Dichlorobenzene(o)	<25	ug/l
624ZC		1,4-Dichlorobenzene(p)	<25	ug/l
624ZD		2-Bromo-1-chloropropane	100%	
624ZE		Benzene	<25	ug/l
624ZF		Toluene	<25	ug/l
624ZG		Ethylbenzene	<25	ug/l
624ZH		Toluene d8	104%	
624ZI		Bromofluorobenzene	103%	
624ZK		Acrolein	<1000	
624ZJ		Acrylonitrile	<500	
624DATE		624 Scan - Date Analyzed	10/20/88	
624SCAN		624 Scan	**	
8270SCAN		Semivolatle Organics	**	
NO		NO	**	
625A		N-Nitrosodimethylamine	<660	
625B		Bis(2-chloroethyl) ether	<660	ug/l
625C		1,3 Dichlorobenzene	<660	
625D		1,4 Dichlorobenzene	<660	
625E		1,2 Dichlorobenzene	<660	
625F		Bis(2-chloroisopropyl)et	<660	ug/l
625G		N-Nitrosodi-n-propylamin	<660	ug/l
625H		Hexachloroethane	<660	ug/l
625I		Nitrobenzene	<660	ug/l
625J		Isophorone	<660	ug/l
625K		Bis(2-chloroethoxy)metha	<660	ug/l
625L		1,2,4-Trichlorobenzene	<660	ug/l
625M		Naphthalene	<660	ug/l
625N		Hexachlorobutadiene	<660	ug/l
625O		Hexachlorocyclopentadien	<660	ug/l
625P		2-Chloronaphthalene	<660	ug/l
625Q		Dimethyl phthalate	<660	ug/l
625R		Acenaphthylene	<660	ug/l
625S		Acenaphthene	<660	ug/l
625T		2,4-Dinitrotoluene	<660	ug/l
625U		2,6-Dinitrotoluene	<660	ug/l
625V		Diethyl phthalate	<660	ug/l
625W		4-Chlorophenyl-phenyl-et	<660	ug/l
625X		Fluorene	<660	ug/l
625Y		1,2-Diphenylhydrazine	<660	
625Z		N-Nitrosodiphenylamine	<660	ug/l
625ZA		4-Bromophenyl-phenyl-eth	<660	ug/l
625ZB		Hexachlorobenzene	657	ug/l

LABSAM  
10/31/88

RESULTS LIST

General Testing Corporation

16:43

Page 3

SAMPLE : R88/03565  
CLIENT : SEVENSON ENVIRONMENTAL  
DATESAMP : 881010  
DESCRIPT : #001&#005  
REQUEST : MICHELE COLBERT

SSAMPLE : -001  
SSOURCE : SCOBELL CHEMICAL  
DATERECD : 881013  
DESCR2 : COMPOSITE  
DATE\_DUE : 11/03/88

IDC	- P#- M#	Description	Result	Units
625ZC		Phenanthrene	<660	ug/l
625ZD		Anthracene	<660	ug/l
625ZE		Di-n-butyl phthalate	<660	ug/l
625ZF		Benzidine	<660	ug/l
625ZG		Fluoranthene	<660	ug/l
625ZH		Pyrene	<660	ug/l
625ZI		Butyl benzyl phthalate	<660	ug/l
625ZJ		3,3'-Dichlorobenzidine	<1300	ug/l
625ZK		Benzo(a)anthracene	<660	ug/l
625ZL		Bis(2-ethylhexyl)phthala	<660	ug/l
625ZM		Chrysene	<660	ug/l
625ZN		Di-n-octyl phthalate	3630	ug/l
608ZB		Dibutylchlorendate	+	
625ZO		Benzo(b)Fluoranthene	<660	ug/l
625ZP		Benzo(k)fluoranthene	<660	ug/l
625ZQ		Benzene(a)pyrene	<660	ug/l
625ZR		Indeno(1,2,3-cd)pyrene	<660	ug/l
625ZS		Dibenzo(a,h)anthracene	<660	ug/l
625ZT		Benzo(g,h,i)perylene	<660	ug/l
625ZZI		Nitrobenzene-d5	40%	
625ZZJ		2-Fluorobiphenyl	53%	
625ZZK		Terphenyl-d14	69%	
8270DATE		Date Analyzed	10/28/88	
8270EXTR		Date Extracted	10/14/88	
625ZU		Phenol	<600	ug/l
625ZV		2-Chlorophenol	<600	ug/l
625ZW		2-Nitrophenol	<600	ug/l
625ZX		2,4-Dimethylphenol	<600	ug/l
625ZY		2,4-Dichlorophenol	<600	ug/l
625ZZ		4-Chloro-3-methylphenol	<1300	ug/l
625ZZA		2,4,6-Trichlorophenol	<600	ug/l
625ZZB		2,4-Dinitrophenol	<3300	ug/l
625ZZC		4-Nitrophenol	<3300	ug/l
625ZZD		2-Methyl-4,6-dinitrophen	<3300	ug/l
625ZZE		Pentachlorophenol	<3300	ug/l
625ZZF		2-Fluorophenol	68%	
625ZZG		Phenol-d5	56%	
625ZZH		2,4,6-TriBromophenol	98%	
AEDATE		Date Analyzed	10/28/88	
PCBTOT		PCB's	**	
PCBDATE		Date Analyzed - PCB's	10/26/88	
608U		PCB 1016	<40	ug/l
608V		PCB 1221	<40	ug/l

LABSAM  
10/31/88

R E S U L T    L I S T

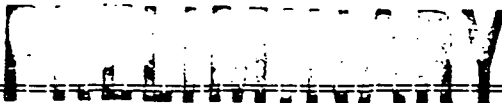
General Testing Corporation  
16:44

Page 4

SAMPLE : R88/03565                    SSAMPLE : -001  
CLIENT : SEVENSON ENVIRONMENTAL        SSOURCE : SCOBELL CHEMICAL  
DATESAMP : 881010                        DATERECD : 881013  
DESCRIPT : #001&#005                    DESCR2 : COMPOSITE  
REQUEST : MICHELE COLBERT                DATE\_DUE : 11/03/88

IDC	- P#- M#	Description	Result	Units
608W		PCB 1232	<40	ug/l
608X		PCB 1242	<20	ug/l
608Y		PCB 1248	<20	ug/l
608ZA		PCB 1260	<20	ug/l
608Z		PCB 1254	<20	ug/l
EPTOXORG		EP TOX Extract, Organics	**	
245T		2,4,5-T	73%	ug/l
HERBEXTR		Date Extracted	10/17/88	
HERBDATE		Herbicides-Date Analyzed	10/25/88	
W6		2,4-D	<2.0	ug/l
W7		2,4,5-TP (Silvex)	<0.40	ug/l
PESTEXTR		Date Extracted	10/17/88	
PESTDATE		Date Analyzed	10/26/88	
W2		Endrin	<0.20	ug/l
W3		Lindane	<0.20	ug/l
W4		Methoxychlor	<0.80	ug/l
W5		Toxaphene	<4.0	ug/l
608ZC		Tetrachloro-meta-xylene	146%	
608ZPCB		Tetrachloro-meta-xylene	111%	
PCBEXTR		Date Extracted	10/14/88	

10/31/88



LABSAM  
10/31/88

General Testing Corporation  
R E S U L T L I S T

General Testing Corporation  
16:47

SAMPLE : R88/03565  
CLIENT : SEVENSON ENVIRONMENTAL  
DATESAMP : 881010  
DESCRIPT : #002  
REQUEST : MICHELE COLBERT

SSAMPLE : -002  
SSOURCE : SCOBELL CHEMICAL  
DATERECD : 881013  
DESCR2 :  
DATE\_DUE : 11/03/88

IDC	- P#- M#	Description	Result	Units
TOC		Total Organic Carbons	<5.0	mg/l
TOC	- 17	Total Organic Carbons	10/14/88	mg/l
PH	- 17	pH	10/13/88	
PH		pH	6.85	
EPAS	- 17	Arsenic	10/21/88	mg/l
EPAS		Arsenic	<0.020	mg/l
SS	- 17	Solids, Suspended	10/14/88	mg/l
SS		Solids, Suspended	16.7	mg/l
U5		Ignitability °C	4	°C
U5	- 17	Ignitability °C	10/19/88	°C
EPPB	- 17	Lead	10/25/88	mg/l
EPPB		Lead	<0.50	mg/l
EPCD	- 17	Cadmium	10/25/88	mg/l
EPCD		Cadmium	<0.10	mg/l
EPHG	- 17	Mercury	10/24/88	mg/l
EPHG		Mercury	<0.0020	mg/l
EPTOXORG		EP TOX Extract, Organics	**	
PCBTOT		PCB's	**	
608U		PCB 1016	<1.0	ug/l
608V		PCB 1221	<1.0	ug/l
608W		PCB 1232	<1.0	ug/l
608X		PCB 1242	<0.50	ug/l
608Y		PCB 1248	<0.50	ug/l
608ZA		PCB 1260	<0.50	ug/l
PCBEXTR		Date Extracted	10/14/88	
PCBDATE		Date Analyzed - PCB's	10/26,27/88	
608Z		PCB 1254	<0.50	ug/l
608ZCPCB		Tetrachloro-meta-xylene	117%	
HERBEXTR		Date Extracted	10/17/88	
HERBDATE		Herbicides-Date Analyzed	10/26/88	
W6		2,4-D	<2.0	ug/l
W7		2,4,5-TP (Silvex)	<0.40	ug/l
245T		2,4,5-T	73%	ug/l
PESTEXTR		Date Extracted	10/17/88	
PESTDATE		Date Analyzed	10/26/88	
W2		Endrin	<0.20	ug/l
W3		Lindane	<0.20	ug/l
W4		Methoxychlor	<0.80	ug/l
W5		Toxaphene	<4.0	ug/l
608ZB		Dibutylchloroendate	+	
608ZC		Tetrachloro-meta-xylene	123%	

LABSAM  
10/31/88

R E S U L T

General Testing Corporation

16:47

Page 2

SAMPLE : R88/03565  
CLIENT : SEVENSON ENVIRONMENTAL  
DATESAMP : 881010  
DESCRIPT : #004  
REQUEST : MICHELE COLBERT

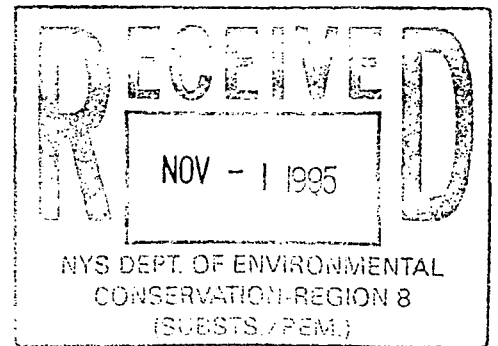
SSAMPLE : -003  
SSOURCE : SCOBELL CHEMICAL  
DATERECD : 881013  
DESCR2 :  
DATE\_DUE : 11/03/88

IDC	- P#- M#	Description	Result	Units
TOC		Total Organic Carbons	70.5	mg/l
TOC	- 17	Total Organic Carbons	10/14/88	mg/l
PH	- 17	pH	10/13/88	
PH		pH	<1	
AS		Arsenic	0.0329	mg/l
AS	- 17	Arsenic	10/21/88	mg/l
EPCR	- 17	Chromium	10/21/88	mg/l
EPCR		Chromium	<0.50	mg/l
BA		Barium	<1.0	mg/l
BA	- 17	Barium	10/21/88	mg/l
SS	- 17	Solids, Suspended	10/14/88	mg/l
SS		Solids, Suspended	34.5	mg/l
U5		Ignitability °C	6	°C
U5	- 17	Ignitability °C	10/19/88	°C
PB		Lead, Total	<0.50	mg/l
PB	- 17	Lead, Total	10/25/88	mg/l
CD		Cadmium, Total	<0.10	mg/l
CD	- 17	Cadmium, Total	10/25/88	mg/l
EPTOXORG		EP TOX Extract, Organics	**	
PCBTOT		PCB's	**	
PCBDATE		Date Analyzed - PCB's	10/26,27/88	
608U		PCB 1016	<10	ug/l
608V		PCB 1221	<10	ug/l
608W		PCB 1232	<10	ug/l
608X		PCB 1242	<5.0	ug/l
608Y		PCB 1248	<5.0	ug/l
608ZA		PCB 1260	<5.0	ug/l
608Z		PCB 1254	<5.0	ug/l
608ZCPCB		Tetrachloro-meta-xylene	142%	
PCBEXTR		Date Extracted	10/14/88	
HERBEXTR		Date Extracted	10/17/88	
HERBDATE		Herbicides-Date Analyzed	10/25/88	
W6		2,4-D	<20	ug/l
W7		2,4,5-TP (Silvex)	<4.0	ug/l
245T		2,4,5-T	115%	ug/l
PESTEXTR		Date Extracted	10/17/88	
PESTDATE		Date Analyzed	10/26/88	
W2		Endrin	<0.20	ug/l
W3		Lindane	<0.20	ug/l
W4		Methoxychlor	<0.80	ug/l
W5		Toxaphene	<4.0	ug/l
608ZB		Dibutylchlorendate	+	
608ZC		Tetrachloro-meta-xylene	149%	

TO: TODD CAFFOE, DEC 8

FROM: MARY ELLEN PAPIN, DOT 4

DATE: 11/2/95



TODD:

SINCE SOMEONE FROM OUR OFFICE  
WAS GOING TO DEC TODAY, I WANTED  
TO SEND DOWN A COPY OF TITE SHEETS  
I FAXED YOU YESTERDAY IN CASE THOSE  
WERE TOO DIFFICULT TO READ.

*Mary Ellen*

N.Y.S. DEPARTMENT OF TRANSPORTATION

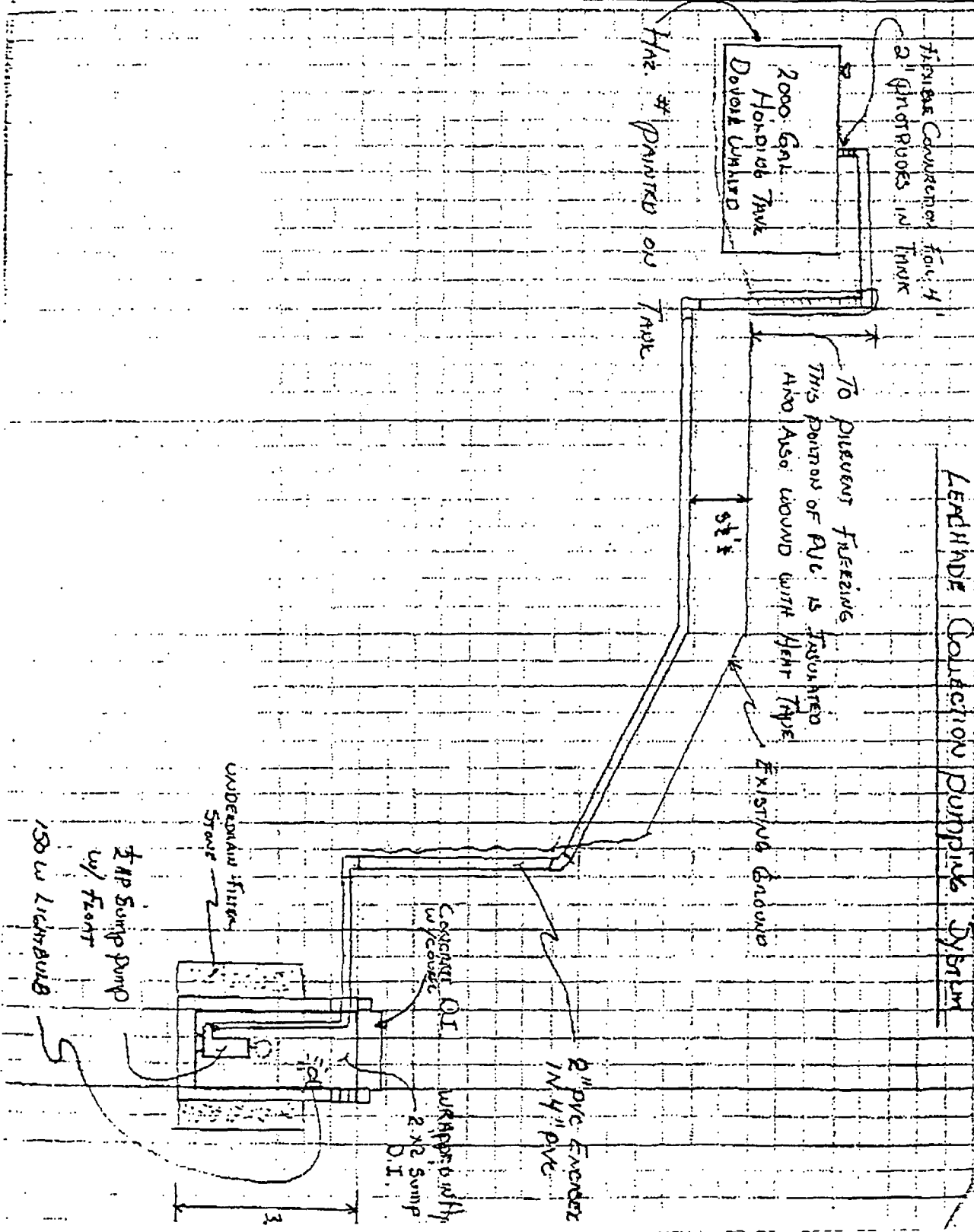
Sheet \_\_\_\_\_ of \_\_\_\_\_ Prep. by Shw3 Date \_\_\_\_\_

Checked by \_\_\_\_\_ Date \_\_\_\_\_ Design Ident.: SH.No. \_\_\_\_\_

County \_\_\_\_\_ P.I.N. \_\_\_\_\_

Job Title \_\_\_\_\_

CONSTRUCTION JOB STAMP



N.Y.S. DEPARTMENT OF TRANSPORTATION

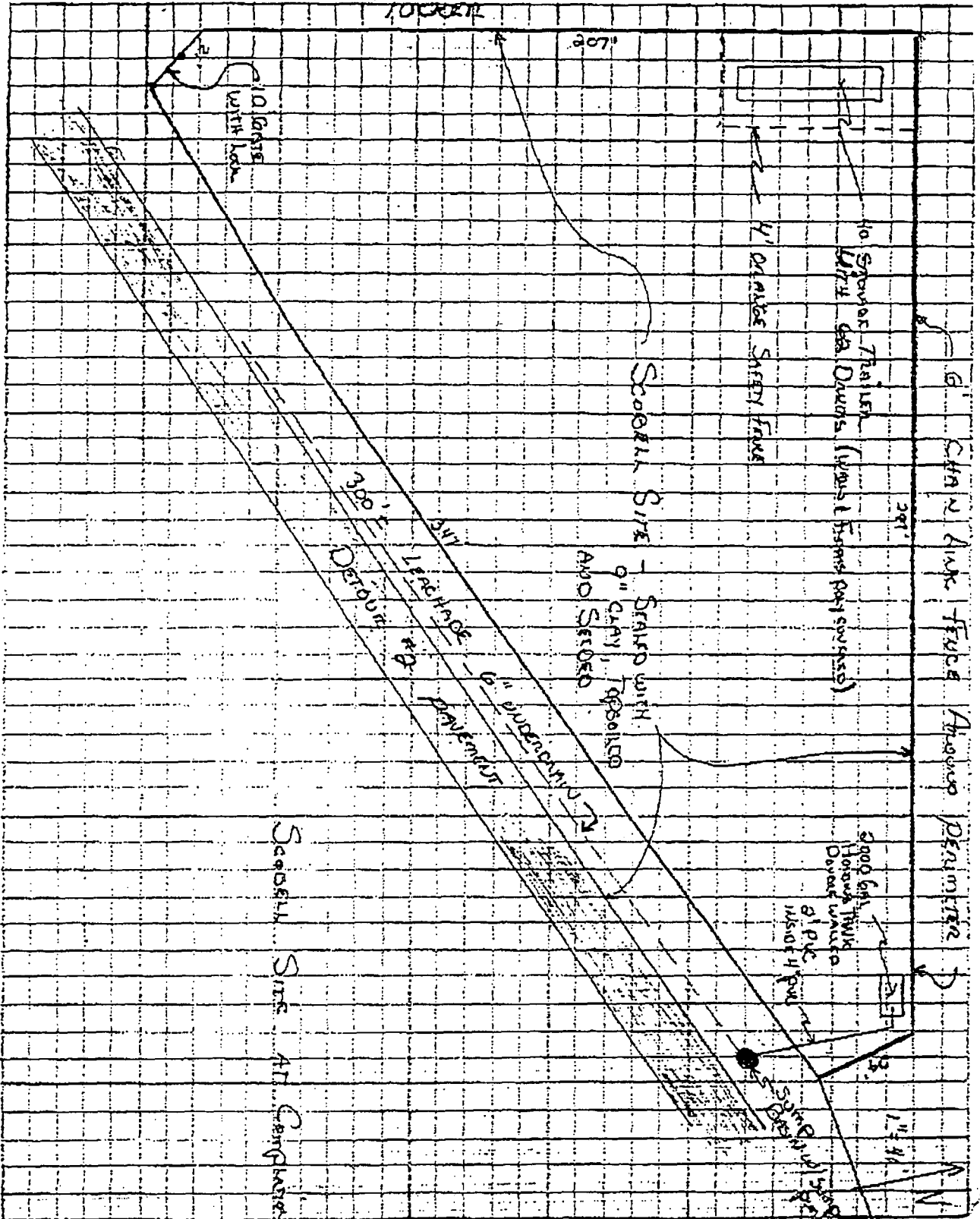
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Checked by \_\_\_\_\_ Date \_\_\_\_\_ Design Ident.: SH.No. \_\_\_\_\_

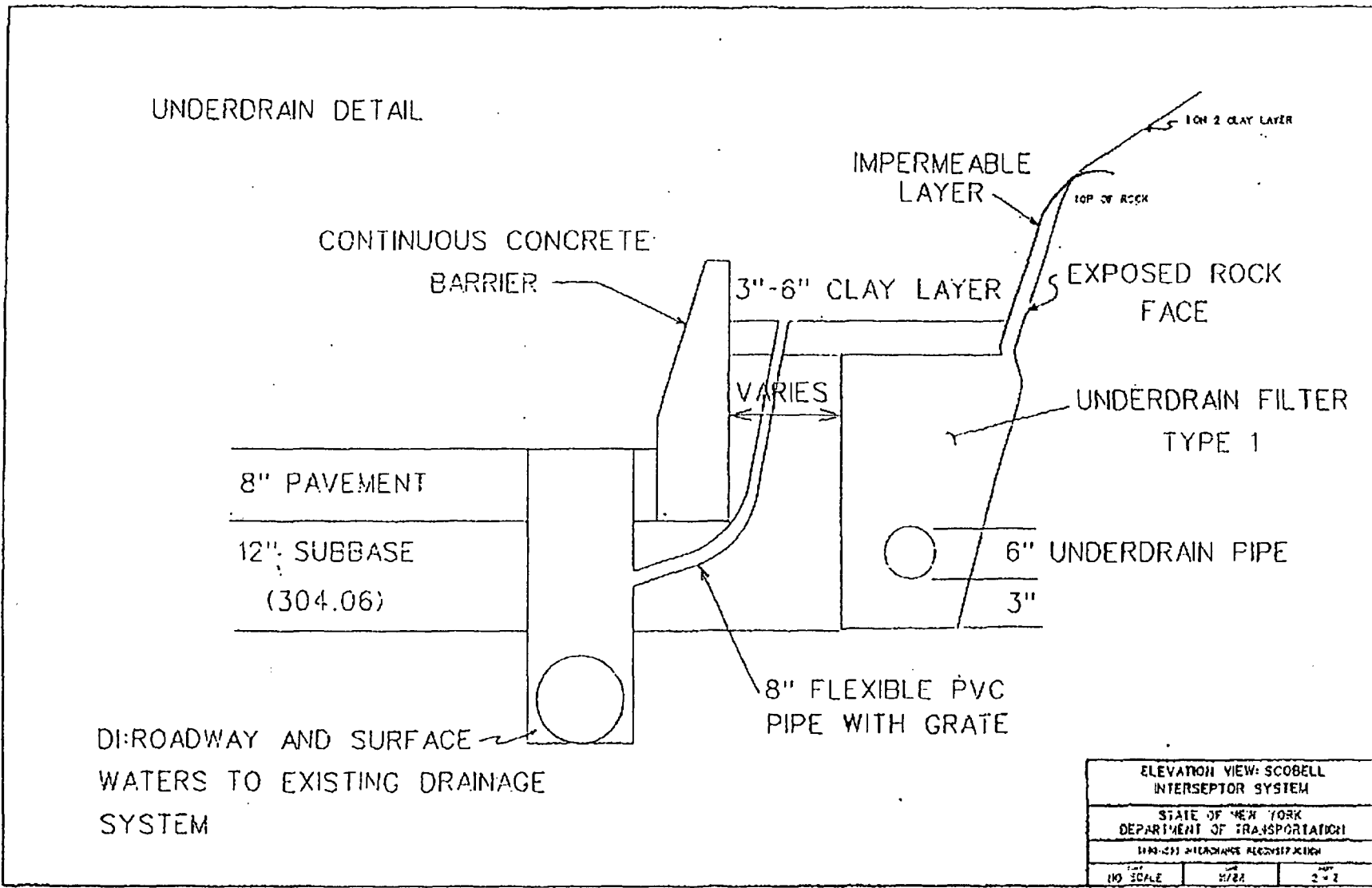
County \_\_\_\_\_ P.I.N. \_\_\_\_\_

Job Title \_\_\_\_\_

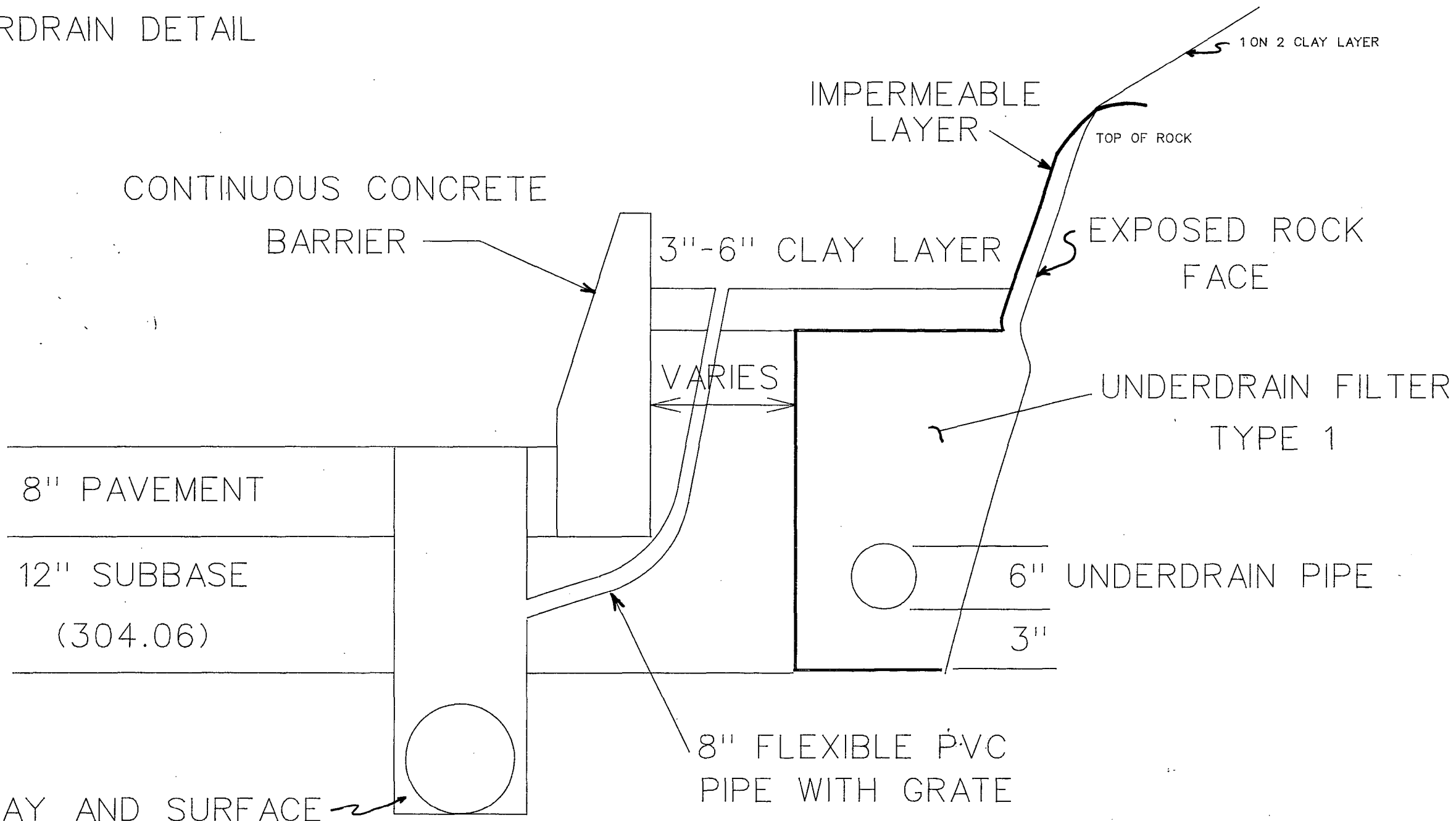
CONSTRUCTION JOB STAMP







UNDERDRAIN DETAIL



DI: ROADWAY AND SURFACE WATERS TO EXISTING DRAINAGE SYSTEM

ELEVATION VIEW: SCOBELL INTERSEPTOR SYSTEM		
STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION		
1490-1590 INTERCHANGE RECONSTRUCTION		
SCALE NO SCALE	DATE 11/88	SHEET 2 of 2

TUCKERS

SCOBELL



R.O.W.

EXPOSED ROCK FACE

DETOUR 2

HOLDING TANK

CONRAIL

CONTINUOUS CONCRETE BARRIER

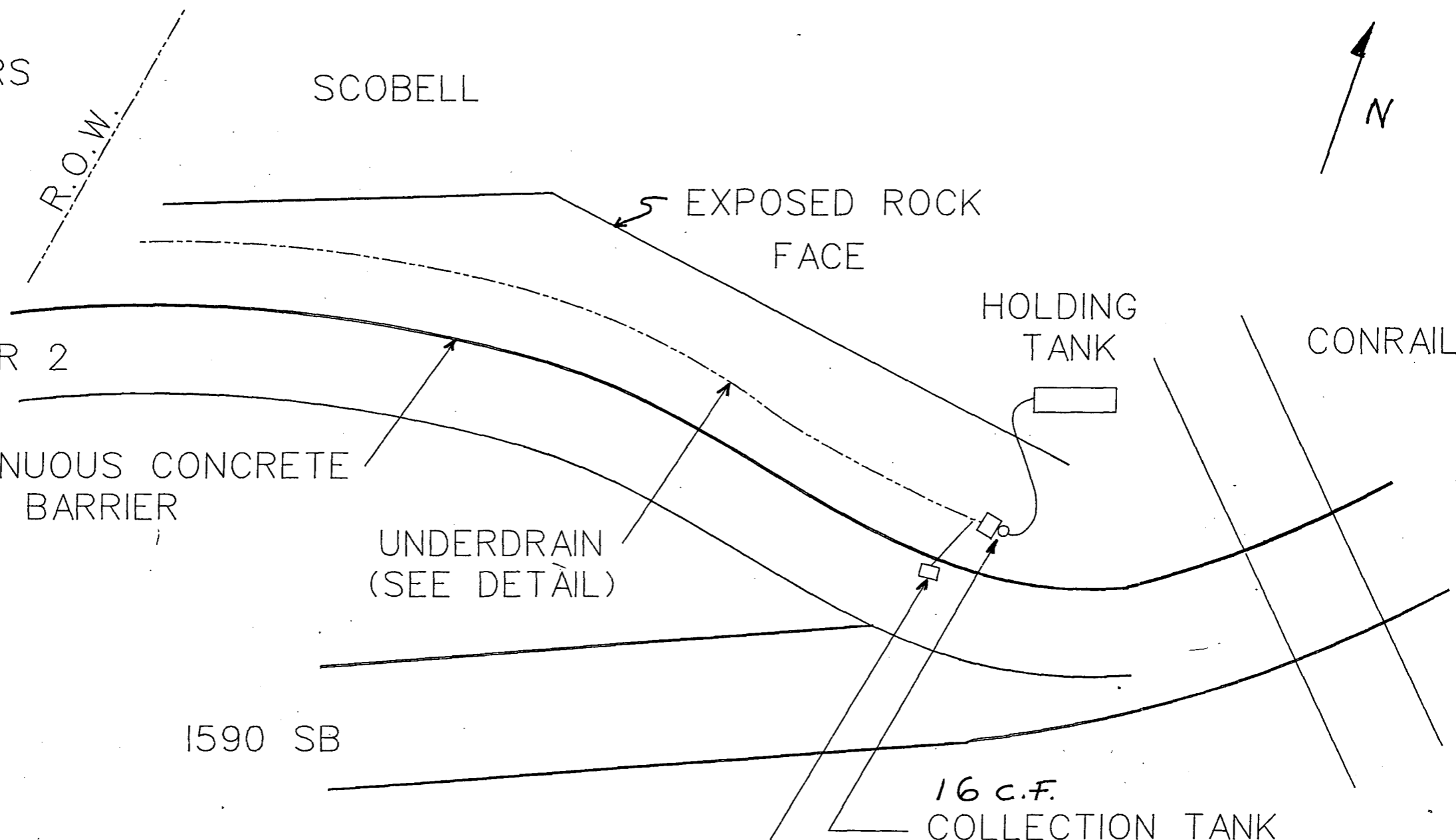
UNDERDRAIN (SEE DETAIL)

1590 SB

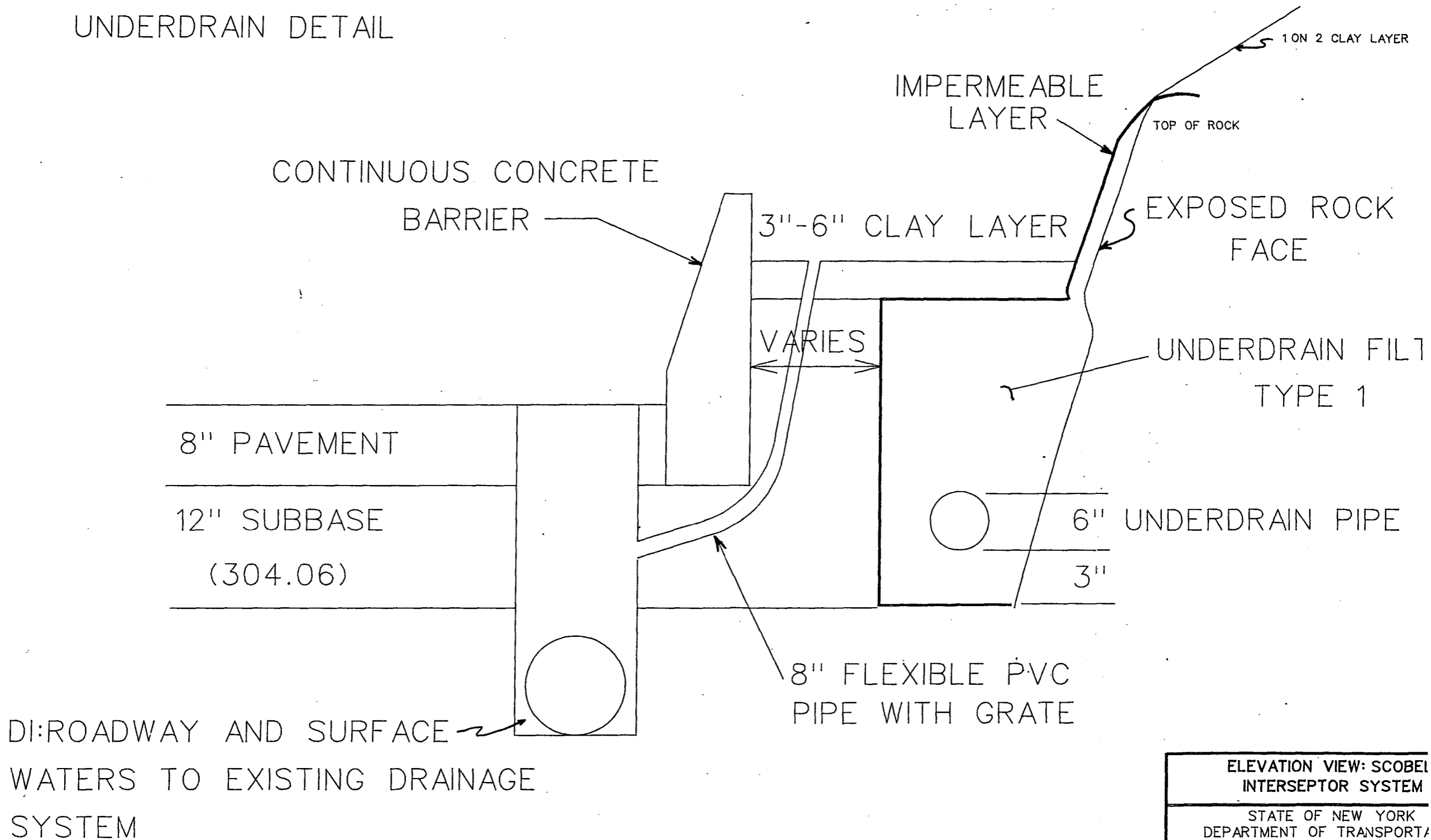
16 c.f.  
COLLECTION TANK AND PUMP STATION

DI: ROADWAY AND SURFACE WATERS TO EXISTING DRAINAGE SYSTEM

PLAN VIEW: SCOBELL INTERSECTOR SYS



# UNDERDRAIN DETAIL



ELEVATION VIEW: SCOBEL  
INTERSEPTOR SYSTEM

STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

1400-1500 INTERPOLICE REQUIREMENTS