

NOTICE TO COMMISSIONER OF PUBLIC WORKS

Length of drain 50

Sewer depth 5

Surf. drain —

Billed 11/2/72
(12)

1 pipe system

Drain Permit **Nº 19473**

City of New Bedford,

Office of City Clerk, 9-15-72

To Commissioner of Public Works.

Permission has this day been issued to

American Flexible Conduit

969 Shawmut Ave

Property owner

Address

By Welded-Davidson Inc.

822 Mt. Pleasant St.

Address

to lay drain from the premises of N side Barnet Blvd. @ 2nd Mt. W. of RR.

to connect with the sewer in Samuel Barnet Blvd. street.

✓ Laid from Mt. in street to iron pipe in property. line

✓ Owner agrees to supply all necessary

Eileen M. Gaughan

City Clerk.

Transite

pipe.

Requires separate entrance for sewage and roof water

not assessed

Paid
up

(9M)

42
2115

eg

RETURN OF FOREMAN

Entered..... October 10, 19 72
 Time..... 0700
 By..... Joseph P. Pine, Jr.

COST

Super Francisco - 6 hrs. =				\$24.74
Labor		hours @		
Pine, J.	- 20	"	3.75	\$75.00
Taylor, H.	- 20	"	3.32	66.40
Cruz, J.	- 20	"	2.98	59.53
Ferreira, J.	- 20	"	3.32	66.40
Oliver, D.	- 2	"	3.75	7.50
Howard, J.	- 2	"	3.32	6.64
Braga, R.	- 16	"	3.60	57.68

6 Cement Bricks = .36 ✓ " ~~\$39.15~~

Stock 1 bags Cement @ 1.95 - 1.95 ✓

8 cwt Sand @ .12 - .96 ✓

50 lbs (50#) - 1 bag Sewertite @ 17 - 8.50 ✓

~~3 truckloads Gr. Gravel 105.21~~

Bitu. Conc. St. Cut (20x6) ~~62.00~~

Ford #82 - 3 hrs. 9.00

Ford #68 - 3 hrs. 9.00

Trucking Chev. #40 - 3 hrs. - 9.00

W.W. Oliver Backhoe - 2 " - 13.10

Rand Comp. #21 - 3 hrs. - 10.05

Multi-hoe #65 - 7 hrs. ~~56.20~~ 85

Ford #41 - 3 " - 9.00

Total Cost 493.42

Estimate cost of laying drain ~~not assessed~~ 262 -

Entrance charges 15 -

Total deposit

Balance due City 231.42

Pieces pipe to curb 1-13' & 1-8'

" " curb to house 5-13' & 1-5'

Cut at sewer 5'

Cut at curb 4'

Size of pipe 8" Trans.

Correct

Foreman

Permit #19473 - checked with
John Francisco

Labor -

Pine, J. - 20 hr. @ 3.75	75.00
Taylor, H. - 20 " @ 3.32	66.40
Cruz, J. - 20 hr. @ 2.98	59.53
Ferreira, J. - 20 " @ 3.32	66.40
Oliver, D. - 2 hr. " 3.75	7.50
Howard, J. - 2 " " 3.32	6.64
Braga, R. - ; 6 " " 3.60	57.68

339.15

Chev. #40- 3 hr. @ 3.	9.00
6 cement bricks @ 06¢	.36
1 bag cement regular	1.95
1 bag hi-early cement	2.50
8 cwt. sand @ 12¢	.96
50 lbs. sewertite @ 17¢	8.50
rep. 20 ft. (20x6)	
bit.con. @ 2.85 + 5.	62.00
backhoe 2 hr. @ 6.55	13.10
multihoe 7 hr. @ 6.55	45.85
compressor 3 hr. @ 3.35	10.05

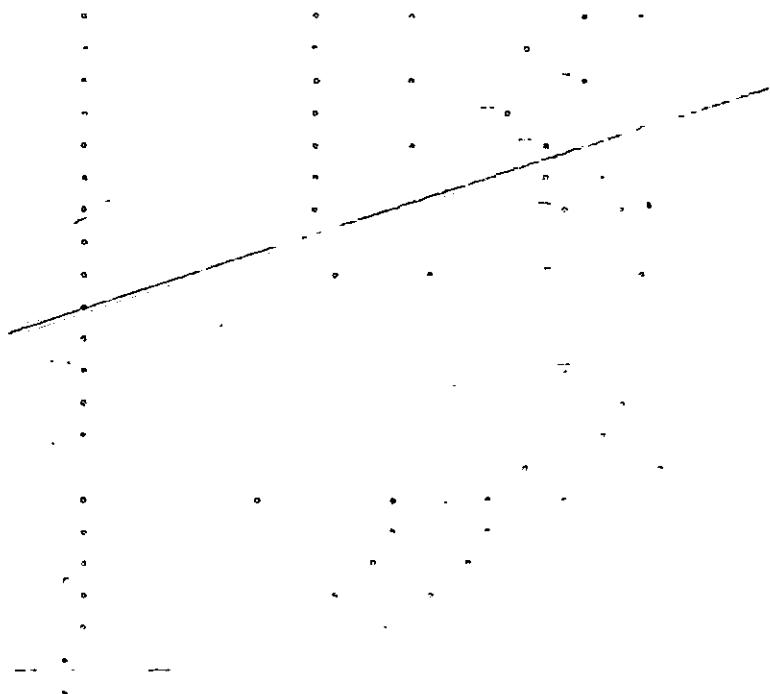
493.42

credit by deposit 9/15/72

262.00

balance due city

231.42



Install storm (or surface)drainage
at driveways - covered with gravel-
This is so they can have access
for driveways-

Francisco, J. 6 hr. 24.74 .

3 truckloads crushed gravel 105.21 .

Ford #82 3 hr. 9.00 .

Ford #68 3 hr. 9.00 .

Ford #41 3 hr. 9.00 .

Install a new for service (airline)
at driveway - 10.00
this is so the car will have access
for driveway - 10.00

SH. 21. 10.00

3 Ford 1000 10.00
Ford 1000 10.00
Ford 1000 10.00
Ford 1000 10.00

CITY OF NEW BEDFORD
APPLICATION FOR LAYING DRAIN

Application No. 19473

P.133/L.36

Board of Health Permit No.

55 SAM. BARNET BLVD SHUSTER

New Bedford, Mass., 9-15-72

To the Mayor and City Council:

I hereby request that a drain be laid from the premises of N side Barnet Blvd
@ 2ND M.M. W of R.R.

to connect with the sewer in Samuel Barnet Blvd street,
the same to be laid in the street and the surface repaired as directed by the Commissioner of Public Works.

I hereby agree to pay at the office of the City Treasurer all cost of performing the above work in the manner specified, in excess of the deposit made herewith, within 10 days after the completion of the work.

It is understood and agreed that the deposit made with this application shall be applied to the payment of the cost of performing the work done, and that any excess of deposit over the cost shall be returned to me by the City Treasurer.

Witness E. Quadros

American Flexible Conduit Co.
Property owner

909 Shawmut Ave. N.B. Mass.
Address

By De Roid - Davidson Inc. Robert Lofgren

822 Mt. Pleasant St. N.B. Mass.
Address

Requires separate entrance
for roof water

Consent of Owner of Private Drain

New Bedford, Mass.,

To the Mayor and City Council:

I hereby grant to
the privilege of draining premises

through the private drain owned by me connecting with sewer in
street.

Owner

Estimate and Deposit Requirement

Office of Commissioner of Public Works, 9-15-72

My estimate of the cost of laying the drain described in the above application is

Assessed 262.00
Entrance charges 15.00

Total deposit required 277.00

Commissioner of Public Works

Certificate of Issue

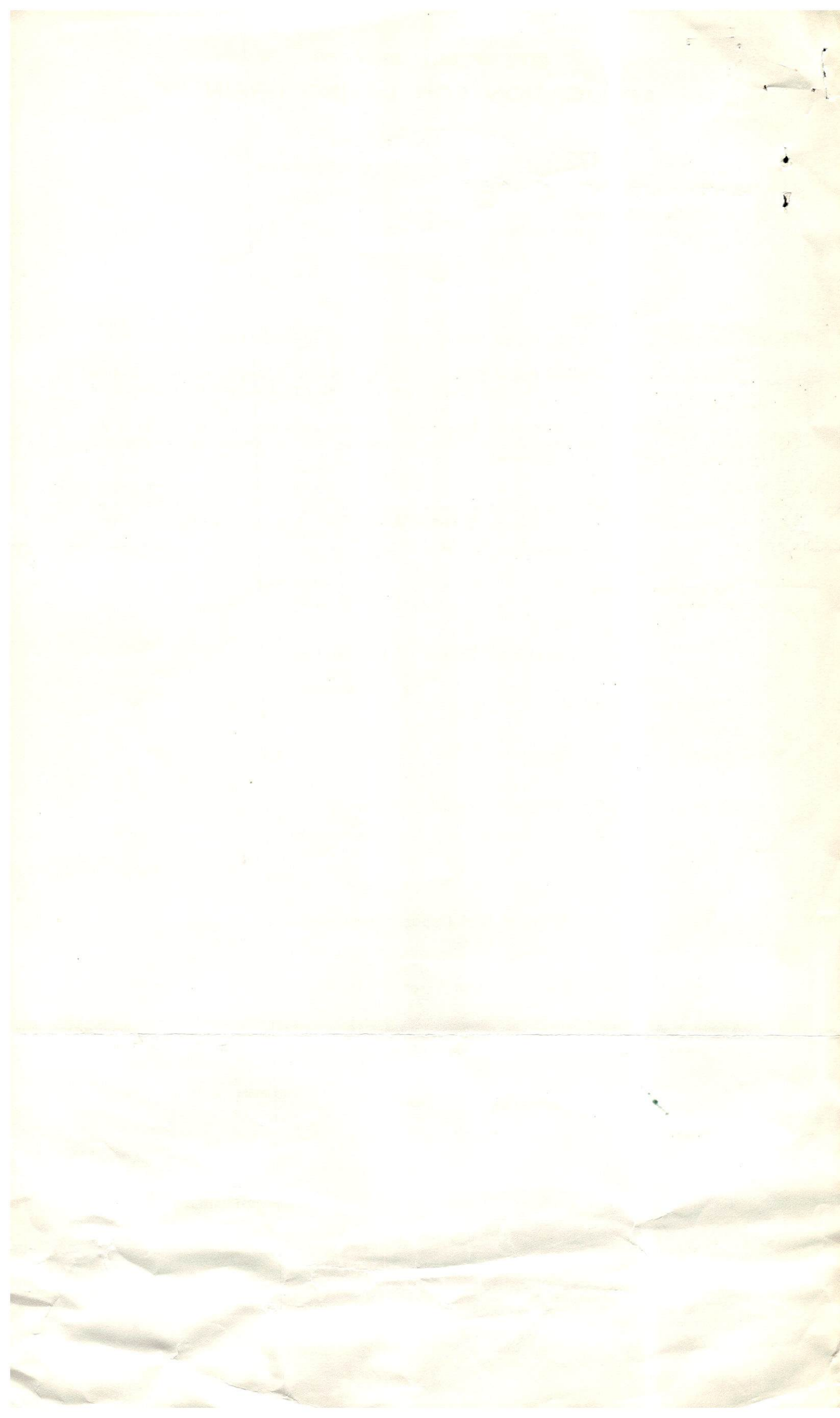
Office of City Clerk, 9-15-72

The above application, accompanied by City Treasurer's receipt presented this day; whereupon
Permit No. 19473 was issued, and the Commissioner of Public Works notified of the same.

Eileen M. Gaughan
City Clerk

Laid from 194 in street to iron pipe in property. line
Owner agrees to supply all necessary
transite pipe.

not assessed



CITY OF NEW BEDFORD
DEPARTMENT OF PUBLIC WORKS

19473

SUPPLEMENTARY INFORMATION REQUIRED FROM COMMERCIAL OR INDUSTRIAL FIRMS IN ADDITION TO ISSUANCE OF SEWER ENTRANCE PERMIT

A. Architects floor plan showing proposed connections to building drain (inside building):

B. Architects detail drawings of any pretreatment or equalization equipment:

C. Site plan showing:

- (1) Building and location of building sewer
- (2) Proposed connection to public sewer
- (3) Profile of building sewer
- (4) Plan and profile of storm drain
- (5) Location of control manhole
(Standard type -preferably between property line and public sewer)

D. Wastewater Information:

Date: 8/16/72

- (1) Name of Firm: American Flexible Conduit Co., Inc.
- (2) Address Judge Barnett Blvd. (Road "B") Industrial Park, N.B.
- (3) Name and title of person completing form (company representative): Henry Houde, Chief Plb'r., Lemieux Engineering Inc.
- (4) Industry type (SIC Number): _____
- (5) Number of employees: 10 workers/shift, 3 shifts/day;
8 office - 1 shift/day
- (6) Principal products manufactured, produced, processed or sold:
Plastic coated wire and cable
- (7) Sources of water supply: Municipal Yes Well _____
- (8) Estimated volume of water to be used per day 732 Gals
- (9) Flow gauges in plant None influent _____ effluent _____
- (10) Water consumed in processes None %
- (11) Recycled water None %
- (12) Cooling water 7 %/day (48 gal. used per day)
- (13) Number of operating days per week 5
- (14) Number of shifts per day 3
- (15) Type of discharge Normal continuous _____ batch _____
- (16) If batch _____ per shift



(17) Estimated volume of wastewater discharged daily 732 gals

D. (18) Wastewater abatement practices to be used:

(a) Process changes: None

(b) Changes in raw materials: None

(c) Recycling methods: None

(d) Wastewater treatment equipment: None

(e) Monitoring devices: None

(f) Sampling & testing procedures:

(19) Expected constituents of final wastewater discharge:
Ordinary sewerage

(20) Reference: Drain Permit No. 19473

EST. COST FROM \$277⁰⁰
M. H. TO PL.

(19) Expected constituents of final wastewater discharge:

(20) Reference: Drain Permit No.

AMERICAN FLEXIBLE CONDUIT - SITE WORK

9-13-72

Measured along ditch between property lines - dist. = 775 ft.

$$\begin{array}{r} 80.5 \\ - 76 \\ \hline 3.5 \\ 4.5' \end{array}$$

$$\begin{array}{r} 4.5 \\ 35 \\ \hline 775 \end{array}$$

$$\begin{array}{r} 775 \overline{) 4.5000} \\ \underline{3100} \\ 4000 \end{array}$$

Average Slope = .6%

$Q = CIA$ $C = 0.5$ $I = 2$ (10 yr.) $A = 1$ acre $\therefore Q = 1 \text{ CFS}$

A) therefore for first 200 ft. use 12" RCP

$Q = CIA$ $Q = 2 \text{ CFS}$ $A = 3$ $Q = 3 \text{ CFS}$
 $A = 2$

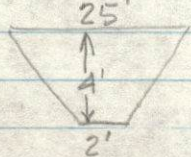
B) Therefore for next 300 ft. use 18" RCP

C) And last 275 ft. use 24" RCP

SUMMARY:

Length	Size	Unit Price	Cost
200 ft.	- 12" RCP -	1.82	\$ 364
300 ft.	- 18" RCP -	2.90	\$ 870
275 ft.	- 24" RCP -	4.35	\$ 1200
			<u>\$ 2434</u>

FILLING IN DITCH



$$\frac{25+2}{2} \times 4 = 53 \times 775$$

NEED 1400 C.Y. of Borrow @ \$1.50/C.Y. = \$2100

NEED 6" LOAM - 300 C.Y. @ \$2.50/C.Y. = \$750

\$5284 - MATERIAL COST ONLY

