

PETITION TO THE CITY COUNCIL

TO THE HONORABLE CITY COUNCIL OF THE CITY OF PROVIDENCE:

The undersigned respectfully petitions your honorable body

August 25, 1972

That the Providence Gas Company be granted permission to construct and install a four inch (4") main from City of Providence property on Fields Point Drive currently leased to Petrolane, Inc., to the Providence Gas Company plant on Allens Avenue. Said main would be used to transport propane supplies from Petrolane, Inc. to the Company plant storage.

Because of limited supplies of natural gas available for the winter of 1972-1973 Providence Gas has had to contract for substantial amounts of propane to provide gas for its customers. A major portion of this will be purchased from Petrolane, Inc.

The proposed four inch (4") main would be placed in Fields Point Drive, New York Avenue, Service Road, Ernest Street, Ellis Road, and Terminal Road as shown on the attached Drawing No. A.

The main will be of Schedule 80 seamless steel pipe, coal-tar wrapped and cathodically protected. It will be installed according to the specifications of the American National Standard Code for Pressure Piping, B 31.4-1971, Liquid Petroleum Transportation Piping Systems. It will handle propane during hours of delivery only, at which time the operations at each end of the line will be manned. During non-use periods the line will remain dormant. It is anticipated that the line would be used 10 hours per day from December through March.

The principal advantage of the proposed liquid propane transfer pipeline is in the facility of the operation with an optimization of safety benefits. This operation eliminates the need for loading tank trucks at the Petrolane terminal; it eliminates the traffic and accident exposure of as many as 25 tank trucks per day on city streets; and it eliminates the accident potential associated with unloading the tank trucks at Providence Gas Company's propane storage tanks. The underground pipeline will be protected by 30 inches of ground cover,

CITY OF PROVIDENCE
STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

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Page 2

a coal tar pipe coating system, a cathodic protection system to prevent corrosion, and will be valved and manned on both ends. The pipeline will also be identified above ground at locations critically close to other underground facilities. Overall, the installation and operation of an underground liquid propane piping system in place of tank truck operation, offers definite safety advantages both to the City of Providence and to the Providence Gas Company and ultimately to the public we both serve.

In support of this petition and by way of citing precedent, examples of similar installations are attached as Exhibits 1 and 2.

Providence Gas Company respectfully requests that this Honorable Council grant the foregoing petition and as soon as consistent with this Council's due procedure so that said main may be installed before the winter heating season.

PROVIDENCE GAS COMPANY



Louis R. Hampton, President

IN CITY COUNCIL

JAN 2 - 1973

READ: *and Passed*

Ursula Vespa
CLERK

IN CITY
COUNCIL

SEP 7 - 1972

FIRST READING
REFERRED TO COMMITTEE ON

LICENSES
U. M. Casper
CLERK

THE COMMITTEE ON
LICENSES

Recommends

William H. Matthews
Clerk

10/18/72

to -130- continue "

*Councilman Johnson
and Councilman McKeever, by request*

-AUG 28 2 02 PM '72
DEPT. OF CITY CLERK
PROVIDENCE, R.I.

FILED

PROVIDENCE GAS COMPANY

EXHIBIT

ROBERT L. YEAGER
VICE PRESIDENT OF OPERATIONS

100 WEYBOSSET STREET
PROVIDENCE, R. I. 02901

July 10, 1972

Mr. Carl D. Buchholz, Jr.
General Superintendent Production & Supply
Philadelphia Electric Company
2301 Market Street
Philadelphia, Pennsylvania 19101

Mr. Buchholz:

Providence Gas Company is planning to run approximately 6,000 feet of a 4" pipeline from a nearby propane supplier to our production plant. We must install this pipeline along city streets and, therefore, need the approval of the City Council of Providence. In preliminary discussions with the Director of Public Works for the City of Providence, he has indicated that our petition to the City Council would stand in better favor if we could sight some precedent for similar installations. I recall from my many years of association with your company that you have a similar pipeline delivering propane from Sun Oil Company to your Chester plant.

The purpose of my letter, then, is to ask you to supply some general information about your pipeline which will serve to enhance our petition before the City Council of Providence. Will you please ask your Engineering Department to furnish the following information:

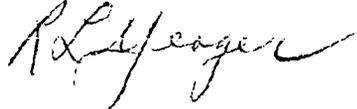
1. Size and length of main.
2. Pressure rating of the pipeline installation.
3. The names of the political subdivisions through which it passes.
4. The names and telephone numbers of the Directors of Public Works in the respective political subdivisions.
5. General operating information concerning gallons delivered per day and hours of operation per day, pressure during delivery, residual pressure in the line when not delivering, how many years the pipeline has been in service, and any other particulars which in your judgment would be of general interest.

TO Mr. Carl D. Buchholz, Jr.

DATE July 10, 1972

SHEET NO. 2

We will appreciate your cooperation in this matter and would look forward to the opportunity to reciprocate in any other matters in which we hold a common interest.



R. L. Yeager
Vice President of Operations

RLY:emr

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

PHILADELPHIA, PA. 19101

Area Code 215

841-4000

July 20, 1972

Mr. Robert L. Yeager
Vice President of Operations
Providence Gas Company
100 Weybosset Street
Providence, R. I. 02901

Dear Mr. Yeager:

The following information has been prepared by our Engineering Department in response to the five general questions you raised in your letter.

In response to Question No. 5, the Engineering Department has given the maximum capacity of the line but the hours of operation per day are indefinite depending on how much propane we are putting into the system. Usually we take deliveries from Sun for a period of several hours each day to replace the outage in our propane tanks.

The only other point of general interest, I might add, is where the line passes under railroads or under creeks we have sleeved those portions and maintained a nitrogen atmosphere between the sleeve and the pipe of about fifteen pounds. When the line is not pumping, it is maintained at the Sun Cavern working pressure which varies slightly from summer to winter, but corresponds in general to the vapor pressure of propane at about 55°F.

1. Size: 6" x .280 wall
Length: 2,000' Aboveground on Sun Oil Co. Property
1,000' Underground on Sun Oil Co. Property
7,000' (Approx.) Underground in Public Hwy.
8,000' P.E.Co. Electrical T&D R/W & Private Prpty.
18,000' Total

2. 400 psig max. working pressure
600 psig hydrotest pressure (150% W.P.)

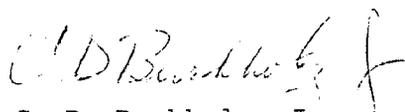
July 20, 1972

3. Borough of Marcus Hook, Delaware County, Borough Secretary, Joseph Bonavita
Borough of Trainer, Delaware County, Borough Secretary, William G. Nealy, Jr.
City of Chester, Delaware County - The director of the Department of Streets and Public Improvements is Councilman Clement J. McGovern and the engineer of that Department is Charles Catania.

(In the case of the boroughs in particular the secretaries may be part time employees and it would probably be advisable to contact them by letter rather than by telephone).

4. P.E.Co. predecessors (the former Delaware County Gas Co.) had franchise rights in the City of Chester and the Township of Lower Chichester, from which township were later incorporated the Boroughs of Marcus Hook and Trainer; these charter rights were sufficient to permit installation of the propane pipelines.
5. 504,000 gal./day
400 psig max. delivery pressure
Residual line pressure = cavern working pressure
Propane line in service since 1962

Very truly yours,



C. D. Buchholz, Jr.
General Superintendent
Gas Production & Supply

PROPANE PIPELINE INSTALLATIONS

Contacts with Cities Having Numerous LPG Lines
in City Streets

1) City of Los Angeles

Mr. Link Sanders, Division Engineer
Franchise and Engineering Division
Dept. of Public Utilities and Franchises
Los Angeles, California

213- 485- 2751

2) City of Houston

Mr. Shepler, Engineer
Dept. of Public Works
Houston, Texas

713- 222- 3418

3) City of Baton Rouge

Mr. James Attebury, Engineer
Dept. of Public Works
Baton Rouge, Louisiana

504- 348- 1161, Ext. 315

Department of City Clerk

MEMORANDUM

DATE: October 19, 1972
TO: Director McGarry
SUBJECT: PROVIDENCE GAS COMPANY
CONSIDERED BY: Committee on Licenses

DISPOSITION:

Attached is copy of petition from above company for permission to construct a propane gas transmission line in accordance with the accompanying petition and related correspondence, together with referenced Drawing No. A.

Will you kindly grant the subject Committee the benefit of your opinion and return to it the said Drawing No. A.

V. Vincent Lopez

City Clerk

MARCUS HOOK

6" PROPANE, FOR CONT. SEE SUN OIL CO. DWG. NO. A-27790-SHT. 43.

SUN OIL CO.

GREEN ST.

5TH ST.

MARKET ST.

R/W 1869

R/W 1867

3RD ST.

PLUM ST.

R/W 1866

R/W 1853

R/W 1852

MARCUS HOOK SEWAGE DISPOSAL PLANT R/W 1851

SOUTH CHESTER BR. PHILADELPHIA-BALTIMORE & WASHINGTON R.R. (PENNA. R.R.)

6" PROPANE 3'-6" COV.

REFINING CO.

DWG. A-178456

DWG. A-178455

MATCH LINE

CLAYTON ST.

W. 2ND ST.

TRAINER ST.

BOOTH ST.

THURLOW ST.

HIGHLAND AVE.

MATCH LINE

FRONT ST.

R/W 1865

6" PROPANE

R/W 1863

R/W 1864

R/W 1862

PHOENIX STEEL CORP.

R/W 1862

MATCH LINE

3'-6" COV.

SOUTH CHESTER BR.

TOWER #7

PHILA. BALTO & WASH. R.R. (PENNA. R.R.)

TOWER #15

CHESTER TIDEWATER TERMINAL

SOUTH CHESTER TUBE CO.

MATCH LINE

PHILADELPHIA ELECTRIC CO. RIGHT OF WAY

R/W 1849

TOWER #16

SINCLAIR

REFINING CO.

DWG. A-178455

HAYES ST.

WILSON ST.

WARD ST.

PALMER ST.

TOWNSEND ST.

FRONT ST.

ST.

HIGHLAND AVE.

PHOENIX STEEL CORP.

MATCH LINE

R/W 1861

FENCE

R/W 1859

R/W 1858

6" PROPANE

R/W 1860

ENGLE ST.

DELAWARE

JEFFREY ST.

YARNALL ST.

REANEY ST.

FLOWER ST.

EDWARDS ST.

CENTRAL AVE.

TILGHMAN ST.

NORRIS ST.

AVE.

PHILADELPHIA ELECTRIC CO. CHESTER GENERATING STATION

PENNA. INDUSTRIAL CHEMICAL CO.

WEST END BOAT CLUB

BOAT YARD

PARKING LOT (NEW CARS)

PARKING LOT

3'-6" COV.

FENCE & R/W

PHILA. ELECTRIC CO. TILGHMAN ST. PLANT

AMERICAN DYEWOOD CO.

MIDWEST RECLAIMING CO.

SCRAPER STA.

METER

PROpane TO NEW VAPORIZER EXISTING VAPORIZER & EXIST. STORAGE TANKS.

DWG. A-178454

DWG. A-178453

KEY PLAN - 6" PROPANE MAIN - CHESTER, PA. TO MARCUS HOOK, PA.

PROPANE TRANSMISSION PHILADELPHIA ELECTRIC CO.

SCALE	DRAWN	TRACED	CHECKED	INSPECTED	APPROVED	DATE
1"=200'	R&A-RDS		RJF	RJF		9-11-62
APPROVED <i>A.B. Brincker</i> 7/1/62		APPROVED				
APPROVED <i>Paul Chernoff</i>		APPROVED				
APPROVED		APPROVED				

NO.	DATE	DESCRIPTION	COBT	CHD	USP

MARCUS HOOK

6" PROPANE. FOR CONT. SEE SUN OIL CO. DWG. NO. A-27790-SHT. 43.

SUN OIL CO.

MARCUS HOOK SEWAGE DISPOSAL PLANT R/W 1851

REFINING CO.

SINCLAIR

DWG. A-178456

DWG. A-178455

CLAYTON ST.

FRONT ST.

W. 2ND ST.

TRAINER ST.

BOOTH ST.

THURLOW ST.

HIGHLAND AVE.

HAYES ST.

PHOENIX STEEL CORP. R/W 1862

SOUTH CHESTER TUBE CO.

PHILADELPHIA ELECTRIC CO. RIGHT OF WAY

SINCLAIR

REFINING CO.

DWG. A-178455

HAYES ST.

WILSON ST.

WARD ST.

PALMER ST.

TOWNSEND ST.

FRONT ST.

HIGHLAND AVE.

PHOENIX STEEL CORP.

PHILADELPHIA ELECTRIC CO. CHESTER GENERATING STATION

PENNA. INDUSTRIAL CHEMICAL CO.

WEST END BOAT CLUB

BOAT YARD

PARKING LOT (NEW CARS)

PARKING LOT

FLOWER ST.

EDWARDS ST.

PHILA. ELECTRIC CO. TILGHMAN ST. PLANT

AMERICAN DYEWOOD CO.

HOLDER

SCRAPER STA.

METER

PROpane TO NEW VAPORIZER EXISTING VAPORIZER & EXIST. STORAGE TANKS.

DWG. A-178454

DWG. A-178453

KEY PLAN - 6" PROPANE MAIN - CHESTER, PA. TO MARCUS HOOK, PA.

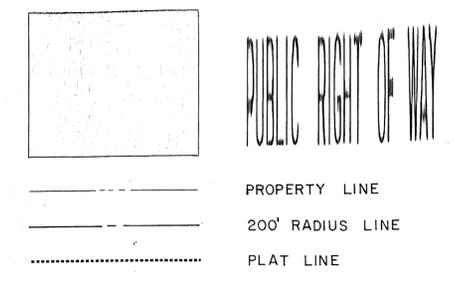
PROPANE TRANSMISSION

PHILADELPHIA ELECTRIC CO.

SCALE	DRAWN	TRACED	CHECKED	INSPECTED	APPROVED	DATE
1" = 200'	RAN-RDS		CP	BJ		9-11-62
APPROVED <i>Paul Chengoff</i> 11/16			APPROVED <i>[Signature]</i>			
APPROVED <i>Paul Chengoff</i>			APPROVED			
APPROVED			APPROVED			

NO.	DATE	DESCRIPTION	COST	CHRG.	DISP.

LEGEND:



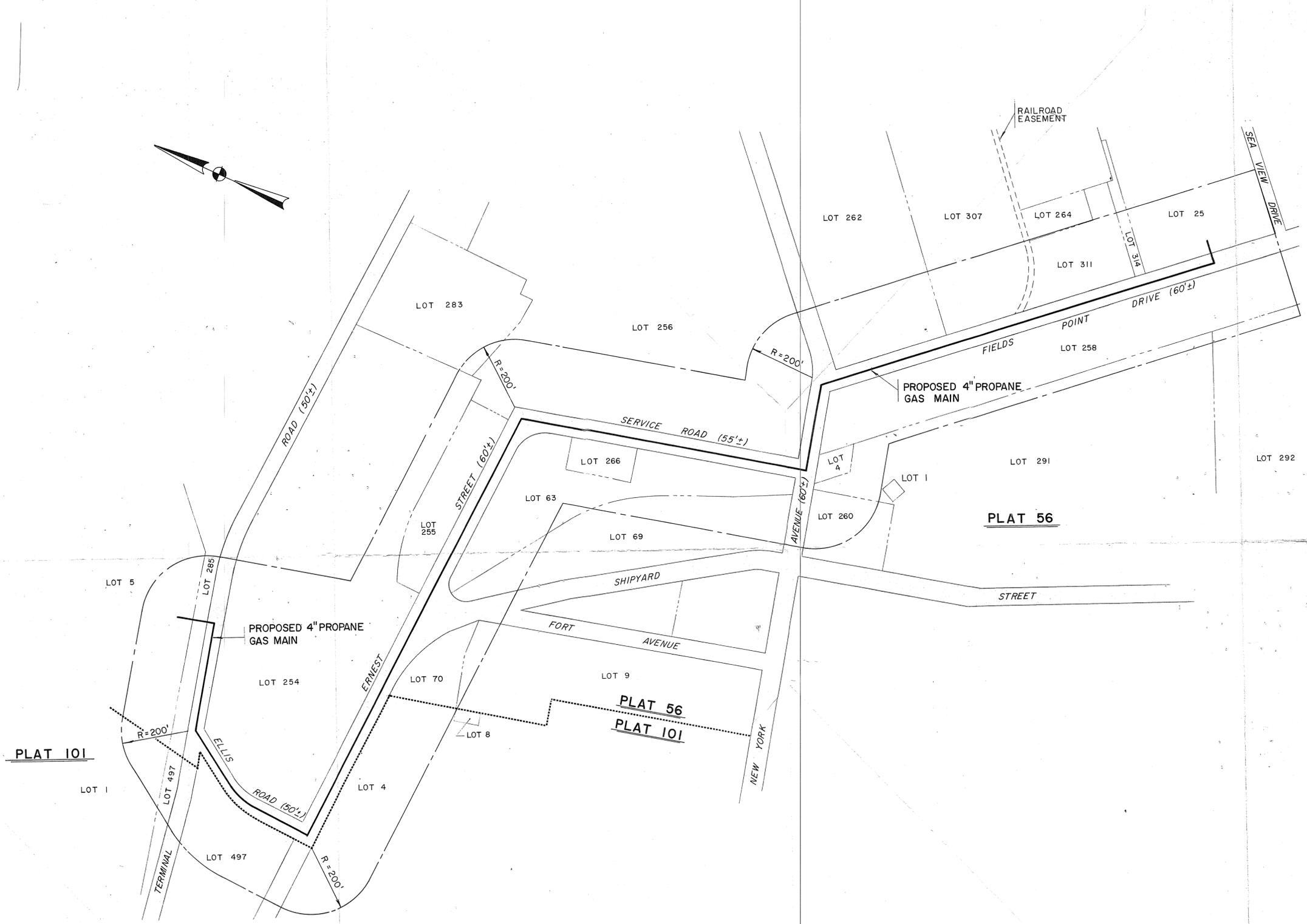
PLAT 56

LOT NO.	OWNER*
1	CITY OF PROVIDENCE
4	NARRAGANSETT ELECTRIC COMPANY 280 MELROSE STREET PROVIDENCE, RHODE ISLAND 02901
5	PROVIDENCE GAS COMPANY 100 WEYBOSSET STREET PROVIDENCE, RHODE ISLAND 02901
9	THE GUYOTT COMPANY 84 FORT STREET PROVIDENCE, RHODE ISLAND 02905
25	CITY OF PROVIDENCE
63	CITY OF PROVIDENCE
69	CITY OF PROVIDENCE
70	CITY OF PROVIDENCE
254	CITY OF PROVIDENCE
255	CITY OF PROVIDENCE
256	CITY OF PROVIDENCE
258	CITY OF PROVIDENCE
260	ALBERT E. CARLOTTI 111 VALENTINE CIRCLE WARWICK, RHODE ISLAND 02886
262	CITY OF PROVIDENCE
264	CITY OF PROVIDENCE
266	CITY OF PROVIDENCE
283	CITY OF PROVIDENCE
285	CITY OF PROVIDENCE
291	BERRY HILL CORPORATION 1 WASHINGTON AVENUE PROVIDENCE, RHODE ISLAND 02905
292	BERRY HILL CORPORATION 1 WASHINGTON AVENUE PROVIDENCE, RHODE ISLAND 02905
307	CITY OF PROVIDENCE
311	CITY OF PROVIDENCE
314	CITY OF PROVIDENCE

PLAT 101

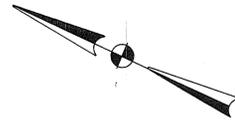
LOT NO.	OWNER *
1	PROVIDENCE GAS COMPANY 100 WEYBOSSET STREET PROVIDENCE, RHODE ISLAND 02901
4	CITY OF PROVIDENCE
8	JOSEPH DIMEO ESTATE 74 MASHUENA DRIVE WARWICK, RHODE ISLAND 02888
497	CITY OF PROVIDENCE

* As of August 1, 1972



PLAN
SCALE: 1" = 160'

NO.	REVISIONS	DATE
PROVIDENCE GAS COMPANY 100 WEYBOSSET STREET PROVIDENCE, RHODE ISLAND 200 FOOT RADIUS PLAN PROPOSED 4" PROPANE GAS MAIN in PROVIDENCE, R.I. FROM: PROVIDENCE GAS COMPANY (TERMINAL ROAD) TO: PETROLANE (FIELDS POINT DRIVE)		
RICHARD E. PEZZULLO No. 2745 REGISTERED PROFESSIONAL ENGINEER		DRAWING NO. A SHEET one OF one PROJECT NO. 7226 SCALE: AS SHOWN DATE: AUGUST 9, 1972 DRAWN: R.H. DESIGN: R.E.S.



LEGEND:

-  PUBLIC RIGHT OF WAY
-  PROPERTY LINE
-  200' RADIUS LINE
-  PLAT LINE

PLAT 56

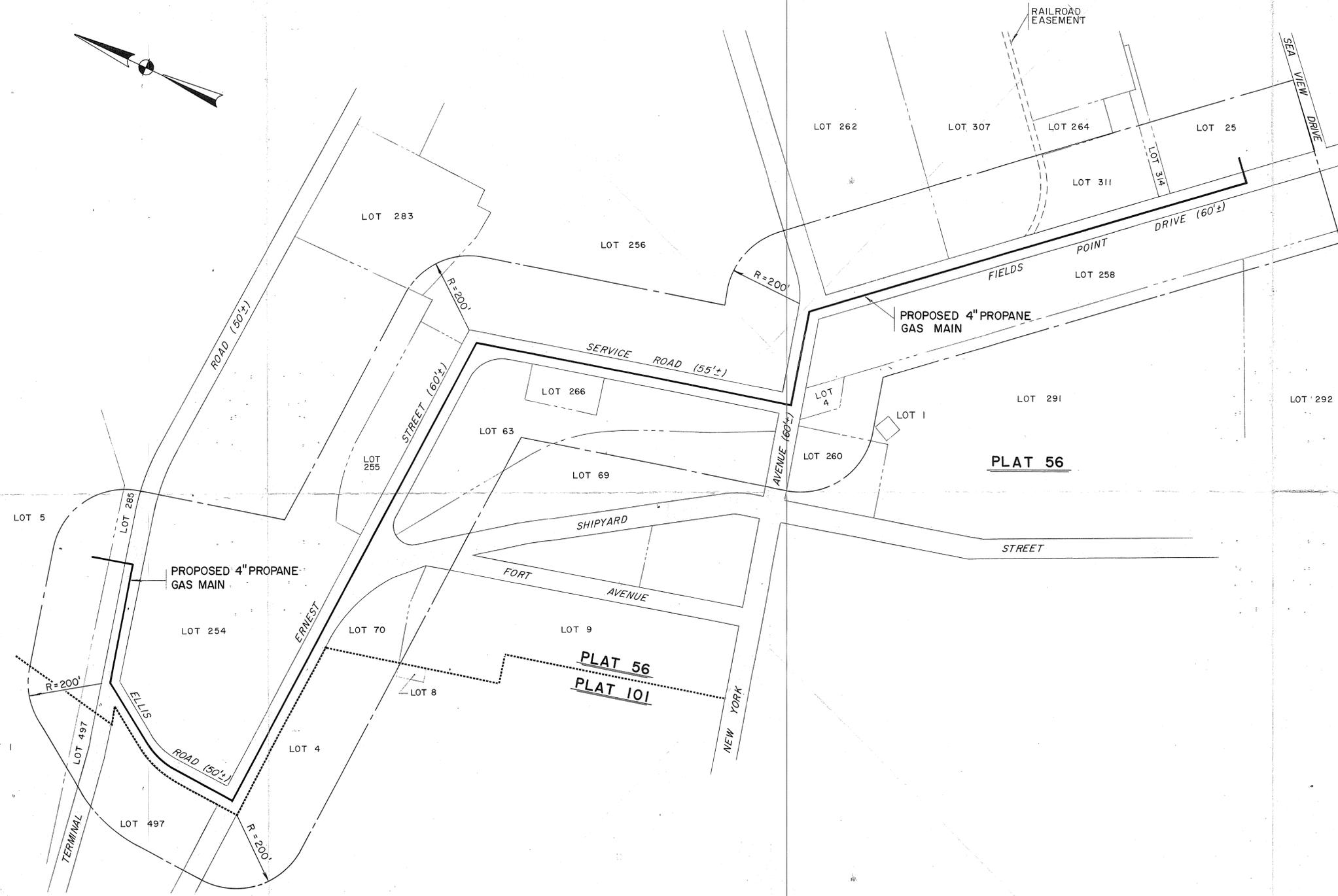
LOT NO.	OWNER*
1	CITY OF PROVIDENCE
4	NARRAGANSETT ELECTRIC COMPANY 280 MELROSE STREET PROVIDENCE, RHODE ISLAND 02901
5	PROVIDENCE GAS COMPANY 100 WEYBOSSET STREET PROVIDENCE, RHODE ISLAND 02901
9	THE GUYOTT COMPANY 84 FORT STREET PROVIDENCE, RHODE ISLAND 02905
25	CITY OF PROVIDENCE
63	CITY OF PROVIDENCE
69	CITY OF PROVIDENCE
70	CITY OF PROVIDENCE
254	CITY OF PROVIDENCE
255	CITY OF PROVIDENCE
256	CITY OF PROVIDENCE
258	CITY OF PROVIDENCE
260	ALBERT E. CARLOTTI 111 VALENTINE CIRCLE WARWICK, RHODE ISLAND 02886
262	CITY OF PROVIDENCE
264	CITY OF PROVIDENCE
266	CITY OF PROVIDENCE
283	CITY OF PROVIDENCE
285	CITY OF PROVIDENCE
291	BERRY HILL CORPORATION 1 WASHINGTON AVENUE PROVIDENCE, RHODE ISLAND 02905
292	BERRY HILL CORPORATION 1 WASHINGTON AVENUE PROVIDENCE, RHODE ISLAND 02905
307	CITY OF PROVIDENCE
311	CITY OF PROVIDENCE
314	CITY OF PROVIDENCE

PLAT 101

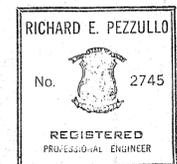
LOT NO.	OWNER *
1	PROVIDENCE GAS COMPANY 100 WEYBOSSET STREET PROVIDENCE, RHODE ISLAND 02901
4	CITY OF PROVIDENCE
8	JOSEPH DIMEO ESTATE 74 MASHUENA DRIVE WARWICK, RHODE ISLAND 02888
497	CITY OF PROVIDENCE

* As of August 1, 1972

PLAT 101



PLAN
SCALE: 1"=160'



NO.	REVISIONS	DATE
PROVIDENCE GAS COMPANY 100 WEYBOSSET STREET PROVIDENCE, RHODE ISLAND		
200 FOOT RADIUS PLAN PROPOSED 4" PROPANE GAS MAIN in PROVIDENCE, R.I. FROM: PROVIDENCE GAS COMPANY (TERMINAL ROAD) TO: PETROLANE (FIELDS POINT DRIVE)		
PEZZULLO, SWEENEY & ASSOC. INC. ENGINEERS 589 WARREN AVENUE EAST PROVIDENCE, RHODE ISLAND 02914		DRAWING NO. A SHEET ONE OF ONE DRAWN: R.H. DESIGN: R.E.S.
PROJECT NO. 7226	SCALE: AS SHOWN	DATE: AUGUST 9, 1972

City of Providence



Rhode Island

Department of City Clerk

MEMORANDUM

DATE: October 19, 1972
TO: Commissioner of Public Safety
SUBJECT: PETITION OF PROVIDENCE GAS COMPANY
CONSIDERED BY: Committee on Licenses

DISPOSITION:

The matter concerning Drawing No. A is on file with the Committee on Licenses and map inspected in the Department of City Clerk since this is an original plan and must be within the custody of the Committee for obvious reasons.

Vincent Vignone

City Clerk