

THE CITY OF PROVIDENCE  
STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

# RESOLUTION OF THE CITY COUNCIL

No. 421

Approved July 16, 1984

Resolved,

That the following named person, firm or corporation is hereby granted permission to erect, alter or use a building or structure at the location named herein for the sale of petroleum, kerosene, gasoline, coal oil and their products, compounds and components as described and shown in and on the application therefor and accompanying plat, all on file in the office of the Department of Building Inspection subject to the conditions that said person, firm or corporation shall not violate any of the laws of the State of Rhode Island or any of the Ordinances of the City of Providence relative to the erection, use or occupation of said structure and that said person, firm or corporation shall not allow petroleum, kerosene, gasoline, coal oil or their products, compounds or components, to be conveyed over or across any sidewalk by means of any pipe or hose, and upon such special conditions as are hereby enumerated and further provided that the Director of the Department of Building Inspection may authorize minor changes in the structural detail of plans on file, viz:

John J. Hudson, 29 Terminal Road, Plat 56, Lot 4, to construct One (1) 100' diameter by 64' high welded steel bituminous storage tank, making a total storage capacity of 14,060,060 gallons storage capacity upon the premises.

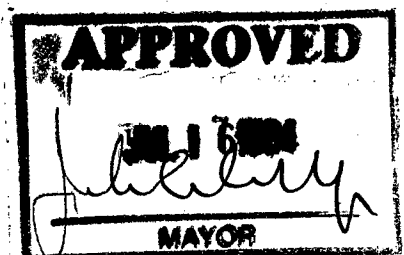
The erection or location of any buildings or structures not shown on the original plat on file with the Director of Department of Building Inspection, or any change in the location of buildings or structures from that shown on said plat shall be deemed a violation of this permit.

IN CITY COUNCIL

JUL 5 1984

READ AND PASSED

*Louis C. Stenuto* PRES.  
*Rosemmond* CLERK



# APPLICATION FOR PERMIT

941-0500

Mr. Savage  
Mr. Zelle

## STORAGE OF PETROLEUM AND PETROLEUM PRODUCTS IN BULK

PROVIDENCE April 20, 1984

### To the Inspector of Buildings:

The undersigned hereby applies for a permit for the storage of Petroleum and Petroleum products in bulk, as hereinafter specified and agrees to observe and conform to all the conditions, limitations and requirements of the building law of the City of Providence.

1. 1ST FIRE Building District 9TH Ward
2. Location 29 TERMINAL ROAD
3. Plat 56 Lot Number 4
4. Owner NEW ENGLAND BITUMINOUS CORP.
5. Architect WATERMAN ENGINEERING
6. Type of Tank (above or below ground) WELDED STEEL
7. Number of Tanks ONE
8. Size of Tanks 100' DIAMETER
9. Height of Tanks 64'
10. Capacity of Tanks 3,750,000 GALLONS 89,285 BBLs
11. Ventilation of Tanks FREE VENTED
12. Fire Extinguishing System PERMANENT FOAM SYSTEM WITHIN 60 FEET
13. Diking of Tanks NONE REQUIRED
14. Foundation OILED SAND PER A.P.I. STD. 650 APP. 'B'
15. Material STEEL Thickness PER A.P.I. 650
16. Flash Point of Products 450° + ASPHALT CEMENT
17. Distance between Tanks 20' MINIMUM
18. Distance from Buildings APPROX 120'
19. Distance from Lot Lines 15' WEST 192 NORTH 85 EAST 442 SOUTH
20. Number of Tanks now on Premises 18 IN USE
21. Total Capacity of Storage on the Premises 10,310,060 + 3,750,000 = 14,060,060 GALLONS

Approved:

*Joseph R. Padino Jr. / J.C.*  
Mayor/Commissioner of Public Safety

Approved:

*Frank A. DiLandro*  
City Engineer.

Approved:

*Frank A. DiLandro*  
Commissioner of Public Works.

Approved:

*Neil G. DeCoud*  
Inspector of Buildings

### REMARKS

PRODUCT IS AC 20 GRADE  
ASPHALT CEMENT  
450° + (C.O.C.)  
PENETRATION 60-90 (ASTM D5)

Name

President

Address One Service Road

Providence, R.I. 02905

BUILDING ORDINANCE BOARD OF REVIEW

Date APRIL 20, 1984

Petition for Variation or Modification of the application  
of certain provisions of the Building Ordinance.

Applicant: NEW ENGLAND BITUMINOUS TERMINAL CORP.

Address: 29 TERMINAL ROAD, PROVIDENCE, R. I. 02905

Owner: SAME

Address: \_\_\_\_\_

Lessee: NONE

Address: \_\_\_\_\_

To the Building Ordinance Board of Review:

The undersigned hereby applies for a variation or modification of the application of the requirements of  
Section \_\_\_\_\_ Para. \_\_\_\_\_ Rules No. \_\_\_\_\_ Subd. \_\_\_\_\_ of the Building Ordinance as follows:

PREMISES AFFECTED

Location of Premises: Number 29 TERMINAL ROAD Avenue Street

Assessor's Plat No. 56 Lot No. 4

384 ft 400 ft

Dimensions of Lot: Frontage 350 ft Depth 200 ft Area 223,600 sq. ft.  
(See attached assesor's plan)

DESCRIPTION OF EXISTING OR PROPOSED BUILDING

Fire District in which premises are located: 1st X 2nd \_\_\_\_\_

Occupancy of each floor Not applicable

Present use of Premises Bituminous Storage Terminal

If garage, how many cars Not applicable

Type of construction Steel Tanks, Pumps, & Piping

(OVER)

Explain the variation or modification sought and state briefly the reasons therefor:

Approval is requested to erect an asphalt storage tank at an elevation of 13.00 feet above the city benchmark. The 16.00 foot elevation which is required for this area is inconsistent with existing construction and would require an extensive concrete foundation structure which we believe to be inherently less safe than resting the tank on an A.P.I. Appendix 'B' oiled-sand foundation.

The AC 20 grade Asphalt Cement has a penetration of 60 to 90 which exempts the material from N.F.P.A. liquid storage provisions. The flash point is 450° minimum, and the specific gravity is 1.0.

The tank is presently out to bid, and will be designed and constructed to the latest A.P.I. 650 specifications.

  
Applicant

One Service Rd., Prov., R. I. 02905

Address  
Telephone - 401-781-8200

PLANT LOCATION

29 TERMINAL RD.  
FIELD'S POINT  
PROV., R. I. 02905  
TEL. 401-841-0500

**NEW ENGLAND BITUMINOUS CORP.**

GENERAL OFFICES

MAILING ADDRESS  
ONE SERVICE ROAD  
PROV., R. I. 02905  
TEL. 401-781-8200

The following is a list of the names and addresses of the property owners within a 150 foot radius of the proposed asphalt storage tank on lot #6, assessor's plat #56.

North: Lot #273 Plat 56 Owner: Providence Gas Co.  
100 Weybosset St.  
Providence, R.I.

South: Lot#2 Plat 56 Owner: City of Providence

East: Lot #271 Plat 56 Owner: City of Providence

West: Lot # 2 Plat #56 Owner: City of Providence





STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

COASTAL RESOURCES MANAGEMENT COUNCIL

60 Davis Street  
Providence, R.I. 02908

6 June 1984

New England Bituminous Terminal      CRMC File No:84-5-47  
c/o Waterman Engineering  
450 North Broadway  
East Providence, Rhode Island 02914

RE: Construct new tank (100' diam x 64' high) to store  
bituminous material, located on Terminal Road, Providence, Rhode  
Island. *jar.*

Gentlemen:

A site inspection and review of plans submitted to this office for the above cited project indicates it will have no adverse effect on the plan and program adopted by the Coastal Resources Management Council.

The Coastal Resources Management Council will interpose no objection to the work proposed, as long as all work is done in accordance with plans submitted to this office and provided the following stipulations are adhered to.

For the purpose of this permit, the coastal feature shall be the bulkhead, and the inland edge of the coastal feature shall be the top of the bulkhead.

- A) As the material to be stored is AC-20, with a solid phase at ambient temperature, there is no objection to the absence of diking.
- B) All local and state codes regarding operational and accidental spillage, structural design, and safety shall be adhered to.
- C) No construction materials or debris shall be placed within 50 feet of the coastal feature.
- D) A copy of this Administrative Assent shall be kept on the site during construction.
- E) Plans for any future alteration of the shoreline or construction or alteration within the 200' zone of CRMC jurisdiction should be submitted to the CRMC for review prior to commencing such activity.

New England Bituminous Terminal  
Page Two

6 June 1984  
CRMC File No:84-5-47

F) All applicable local, state or federal ordinances and regulations must be complied with.

Please be advised that all work must be completed within three years of the date of this letter.

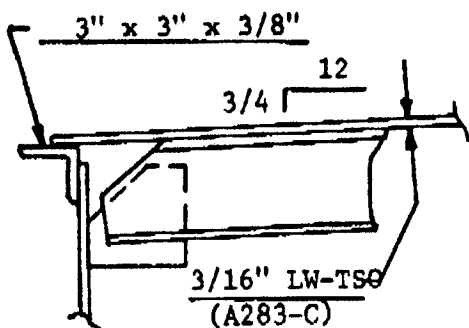
The Coastal Resources Management Council wishes to thank you for being given the opportunity to assess and review these plans. If you need additional information, please feel free to contact this office.

Very truly yours,

  
John A. Lyons, Chairman  
Coastal Resources Management Council

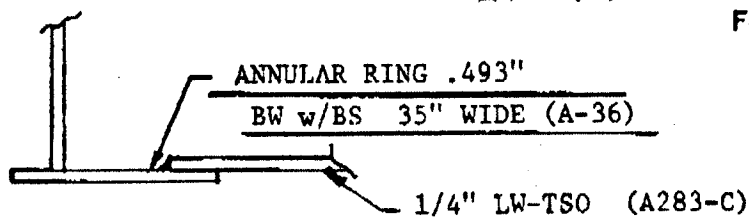
drl





ROOF TO SHELL CONN.

MODIFICATION MAY BE MADE BY THE PITTSBURGH-DES MOINES CORPORATION IN THE DESIGN OF THIS STRUCTURE, BUT THE REVISED DESIGN MUST COMPLY WITH THE SPECIFICATIONS.



BTM. TO SH'L CONN.

SPEC'S. API-650 VPM & APP. "M"

CAPY 3,760,000 GAL.

GOR.ALLOW. NONE

S.G. 1.0

D.M.T. 350° F

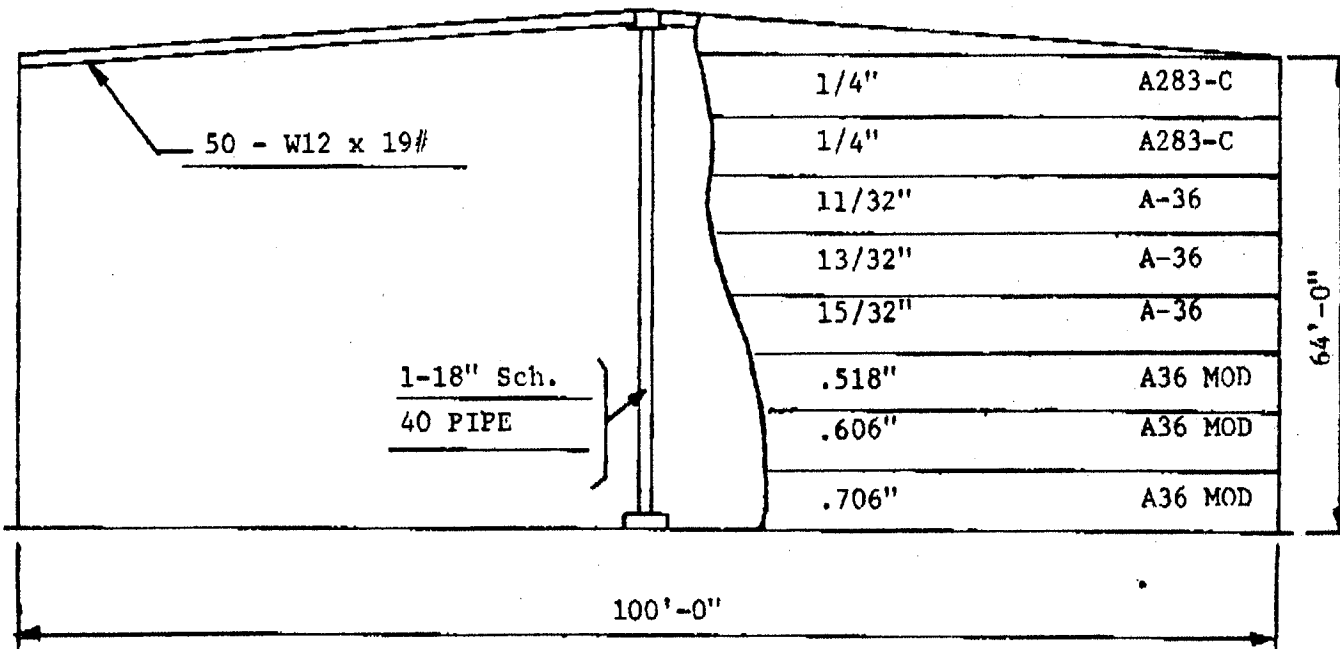
DES. PRESS. ATMOS.

WIND LOAD (API-650) (100 MPH)

SEISMIC ZONE ZONE II

SHELL JOINTS 100% PENETRATION AND FUSION VERT. & HORIZ.

SNOW LOAD 30 psf



PITTSBURGH-DES MOINES CORPORATION  
ENGINEERS -- MANUFACTURERS -- CONTRACTORS

NEW ENGLAND BITUMINOUS CORPORATION

REVISIONS

PRINTS TO

1			CUST.		
2			SHOP		
3			FIELD		

RC DATE 5/21/84 CUST. ORD. NO. ISSUED

ES P-89266



E#25

# BUILDING BOARD OF REVIEW

John R. Davis, Secretary

112 UNION STREET, PROVIDENCE, RHODE ISLAND 02903

May 25, 1984

## RESOLUTION NO. 3507

New England Bituminous Terminal Corp.  
Thomas F. Hudson, President  
One Service Road  
Providence, RI 02905

Dear Sir:

At a meeting of the Building Board of Review held on Wednesday, May 23, 1984, the following resolution was adopted:

WHEREAS, New England Bituminous Terminal Corp., owner of Lot 4 on Assessor's Plat 56 (29 Terminal Rd.) in the First Fire District; filed an application for permission to be relieved from Regulation SBC-8 in the proposed installation of a tank, and

WHEREAS, on May 23, 1984, members of the Building Board of Review made an inspection of the above described premises and noted the site of the proposed tank, and

WHEREAS, on May 23, 1984, a public hearing was held on this application by the Building Board of Review,

NOW THEREFORE, after consideration of the petition and testimony of the applicant, and after having carefully weighed the same, the Building Board of Review makes the following findings:

1. That the site of the proposed tank is in a highly industrial area in which all contiguous structures are below the base flood elevation.
2. The construction of this tank above the flood elevation while the adjoining storage tanks are below the base flood elevation would impose a hardship on the applicant.
3. That the granting of this variance would not result in increase flood heights, additional threats to public safety, extraordinary public expense, create nuisances, create fraud on or victimization of the public, or conflict with existing local laws.
4. The variance requested is the minimum necessary to afford relief.

In accordance with the Federal Insurance Administration requirements the Board hereby notifies the applicant of the following:

1. The issuance of this variance to construct this structure below the base flood elevation will result in increased premium rates for flood insurance up to amounts as high as \$25 for \$100 of insurance coverage.
2. The issuance of this variance to construct this structure below the base flood elevation increases risks to life and property.

May 25, 1984

RESOLVED: That the Building Board of Review does hereby grant relief from Regulation SBC-8 of the RI State Building Code substantially in accordance with the application and plans filed with said Board. A copy of said plans are hereby made a part of this resolution and filed with the Director of the Department of Inspection and Standards.

By Order of the Building Board of Review.

Caesar D. Floriani  
CAESAR D. FLORIANI, CHAIRMAN

CDF:bat

cc: Alfred J. Mello, Jr.

Thomas Doyle, Fire Marshall

2. The issuance of this variance to construct this structure below the base flood elevation increases risks to life and property.