

CITY OF RENSSELAER
62 WASHINGTON STREET
RENSSELAER, NY 12144
PLANNING AND DEVELOPMENT AGENCY

CERTIFICATE OF APPROPRIATENESS

Address of property to be improved: 37 Nelson Ave Rensselaer, NY

Name and Address of owner/applicant: Frank Filippini
37 Nelson Ave
Rensselaer, NY

Phone # for owner/applicant: _____

Description of proposed improvements to home:

Replace existing front porch with a new porch and roof. See attached drawing

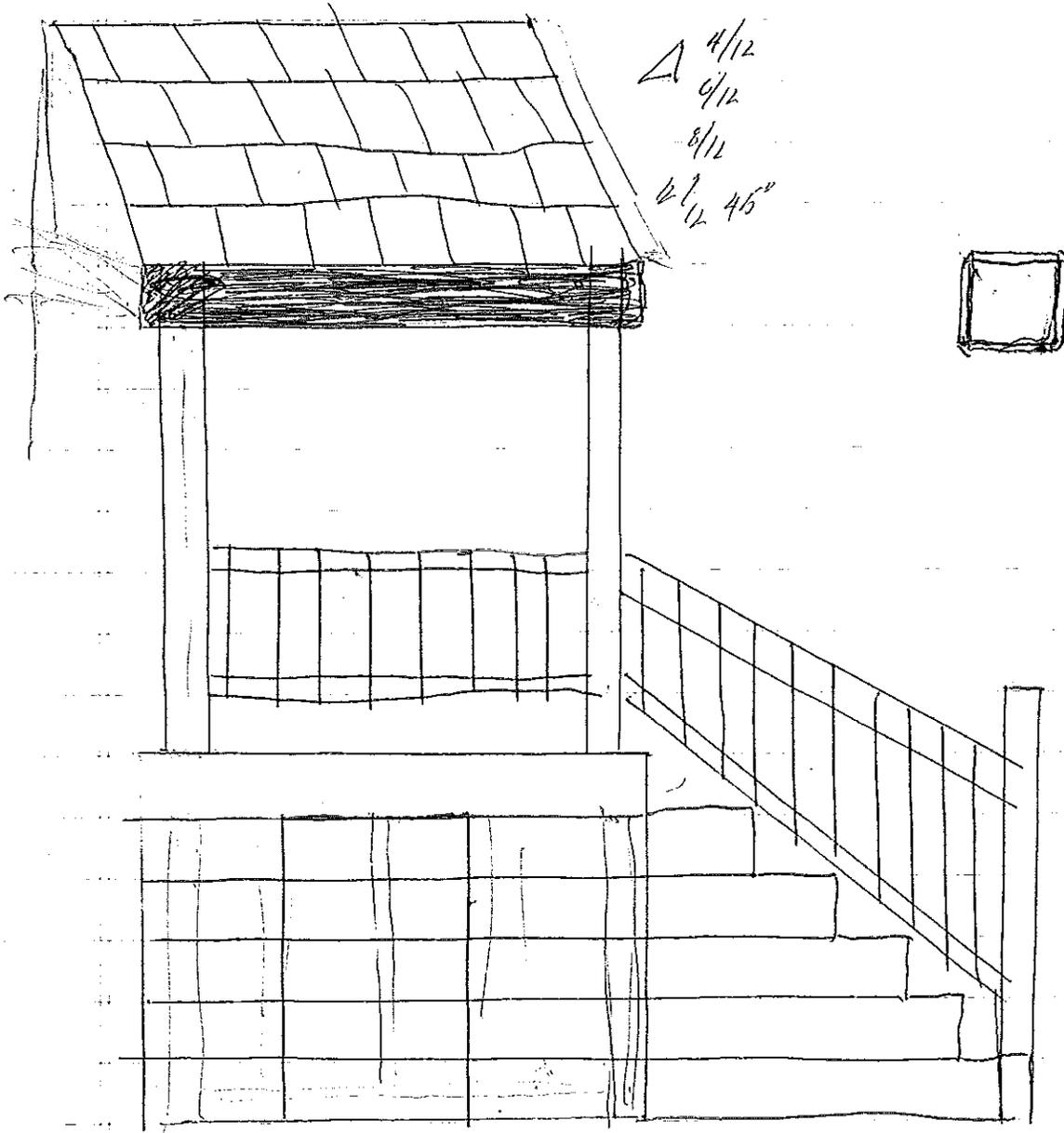
Material: Pressure treated framing, 4x4 posts, pressure treated 2x4, colonial style spindles on railings, double 4" traditional vinyl siding, 30 year architectural roof shingles, siding color Red to match house color, pressure treated decking boards, plywood

Pursuant to Article IV, Section H of the Zoning Ordinance of the City of Rensselaer, I hereby apply for a Certificate of Appropriateness to do the proposed work as describes above.

Frank J. Filippini
Signature of Owner/Applicant

11/2/12
Date

37 Nelson Ave



Δ $\frac{4}{12}$
 $\frac{4}{12}$
 $\frac{8}{12}$
 $\frac{12}{12}$ 45°

10

37 Nelson Ave, Rensselaer, NY



37 Nelson Ave, Rensselaer, NY

© 2012 Google

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Google earth

42°38'00.63" N 73°44'54.27" W elev 26 ft

Eye alt 25 ft

Report a problem



**CITY OF RENSSELAER
PLANNING AND DEVELOPMENT AGENCY
BUILDING & ZONING**

CITY HALL, 62 WASHINGTON STREET
RENSSELAER, NEW YORK 12144-2696
Planning (518) 465-1693 Building (518) 462-5489 Fax (518) 465-2031

REQUEST FOR SITE PLAN REVIEW AND/OR SPECIAL USE PERMIT
APPROVAL UNDER CITY ZONING ORDINANCE

Property Address: 290 Riverside Ave, Rensselaer, NY 12144

Zoning District: _____ Tax Map # or #'s _____

REQUEST (check all that apply): Site Plan Review (\$25) Special Use Permit (\$25) _____
Site Plan Amendment (\$25) _____ Certificate of Appropriateness (\$0) _____

Applicant's Name (PRINT): GORMAN TERMINALS
Full Mailing Address: 290 Riverside Ave, Rensselaer, NY 12144
Full Physical Address: Same
(No P.O. Boxes)
Telephone Number(s): 518-436-1289

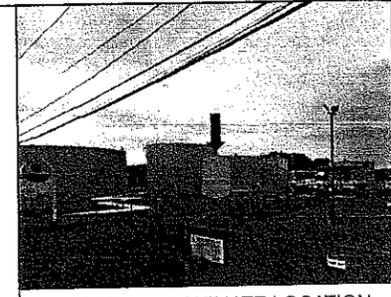
Owner's Name (IF NOT APPLICANT): _____
Full Mailing Address: _____
Full Physical Address: _____
(No P.O. Boxes)
Telephone Number(s): _____

Detailed description of proposed activity and use(s): INSTALLATION OF A NEW ABOVE
GROUND STEEL TANK THAT WILL CONTAIN A POLYMER
TO BE ADDED TO LIQUID ASPHALT.

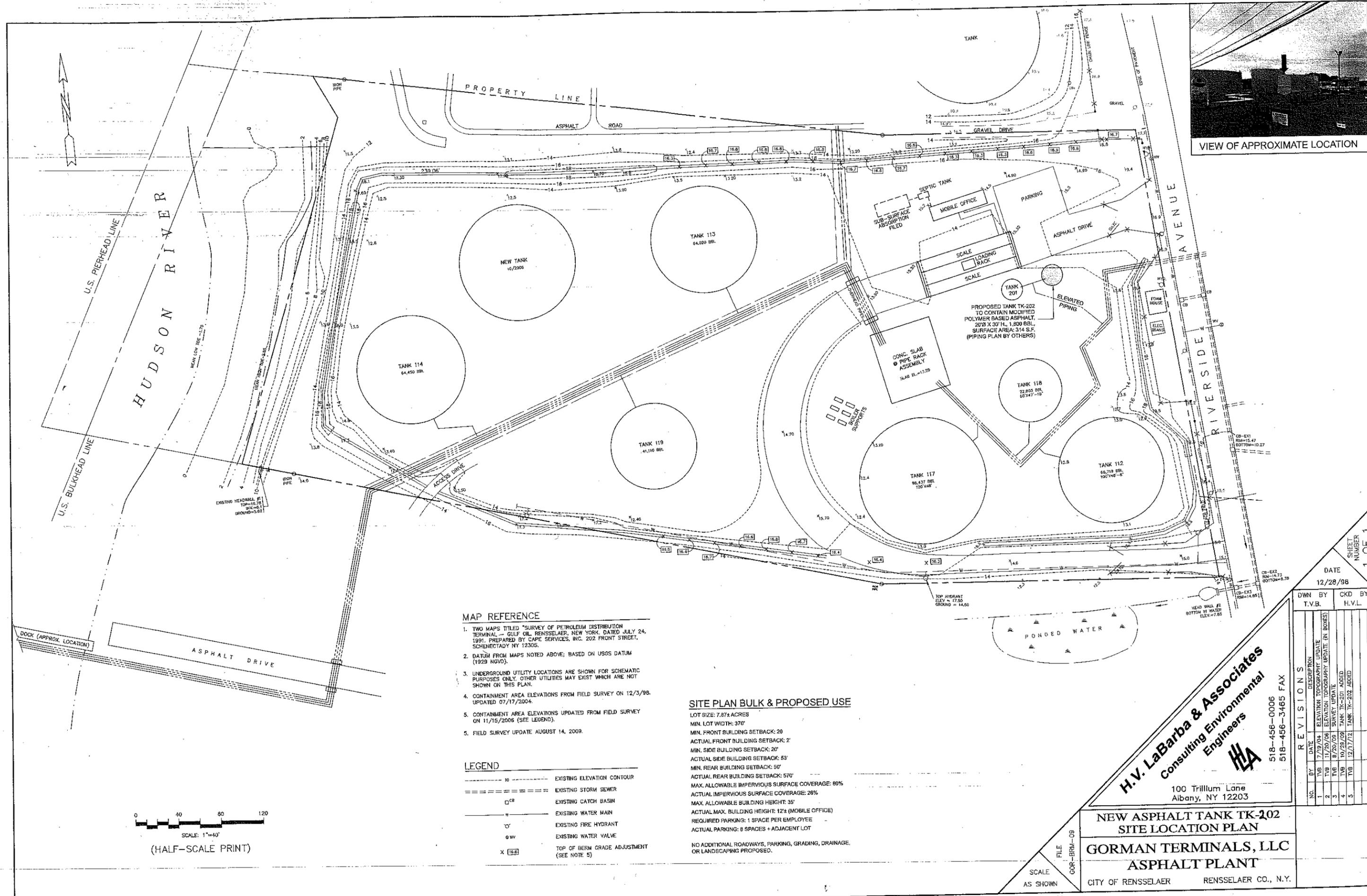
I also enclose a plot (site) plan and supporting information to demonstrate compliance with the regulations applying to the use intended and the standards for SITE PLAN REVIEW AND APPROVAL stated in ARTICLE VII and/or SPECIAL USE PERMITS stated in ARTICLE VI of the CITY ZONING ORDINANCE (Local Law #1, adopted 1979) and as described under Site Plan Details on page 3 of this application.

REQUEST must be accompanied by cash or check (made payable to the CITY OF RENSSELAER):

[Signature] 12/19/12 25 \$2162
Signature of Applicant Date Amount Enclosed
[Signature] 12/19/12 [Initials]
Signature of Owner (if not applicant) Date



VIEW OF APPROXIMATE LOCATION



MAP REFERENCE

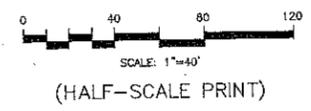
- TWO MAPS TITLED "SURVEY OF PETROLEUM DISTRIBUTION TERMINAL - GULF OIL, RENSSELAER, NEW YORK, DATED JULY 24, 1991. PREPARED BY CAPE SERVICES, INC. 202 FRONT STREET, SCHENECTADY NY 12305.
- DATUM FROM MAPS NOTED ABOVE; BASED ON USGS DATUM (1929 NGVD).
- UNDERGROUND UTILITY LOCATIONS ARE SHOWN FOR SCHEMATIC PURPOSES ONLY. OTHER UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THIS PLAN.
- CONTAINMENT AREA ELEVATIONS FROM FIELD SURVEY ON 12/3/98. UPDATED 07/17/2004.
- CONTAINMENT AREA ELEVATIONS UPDATED FROM FIELD SURVEY ON 11/15/2006 (SEE LEGEND).
- FIELD SURVEY UPDATE: AUGUST 14, 2009.

LEGEND

- 10 --- EXISTING ELEVATION CONTOUR
- ==== EXISTING STORM SEWER
- CB EXISTING CATCH BASIN
- W — EXISTING WATER MAIN
- FV EXISTING FIRE HYDRANT
- WV EXISTING WATER VALVE
- X [ELEV.] TOP OF BERM GRADE ADJUSTMENT (SEE NOTE 5)

SITE PLAN BULK & PROPOSED USE

LOT SIZE: 7.87± ACRES
 MIN. LOT WIDTH: 370'
 MIN. FRONT BUILDING SETBACK: 20'
 ACTUAL FRONT BUILDING SETBACK: 2'
 MIN. SIDE BUILDING SETBACK: 20'
 ACTUAL SIDE BUILDING SETBACK: 53'
 MIN. REAR BUILDING SETBACK: 50'
 ACTUAL REAR BUILDING SETBACK: 570'
 MAX. ALLOWABLE IMPERVIOUS SURFACE COVERAGE: 80%
 ACTUAL IMPERVIOUS SURFACE COVERAGE: 26%
 MAX. ALLOWABLE BUILDING HEIGHT: 35'
 ACTUAL MAX. BUILDING HEIGHT: 12'3" (MOBILE OFFICE)
 REQUIRED PARKING: 1 SPACE PER EMPLOYEE
 ACTUAL PARKING: 8 SPACES + ADJACENT LOT
 NO ADDITIONAL ROADWAYS, PARKING, GRADING, DRAINAGE, OR LANDSCAPING PROPOSED.



DATE
12/28/98

DWN BY T.V.B.
CKD BY H.V.L.

REVISIONS	
NO.	DESCRIPTION
1	7/19/04 ELEVATION TOPOGRAPHY UPDATE
2	11/20/04 ELEVATION TOPOGRAPHY UPDATE (IN BOXES)
3	8/20/09 SURVEY UPDATE
4	10/29/09 TANK TK-201 ADDED
5	12/17/12 TANK TK-202 ADDED

H.V. LaBarba & Associates
 Consulting Environmental Engineers
 100 Trillium Lane
 Albany, NY 12203
 518-456-0006
 518-456-3465 FAX

NEW ASPHALT TANK TK-202
SITE LOCATION PLAN
GORMAN TERMINALS, LLC
ASPHALT PLANT
 CITY OF RENSSELAER RENSSELAER CO., N.Y.

SHEET NUMBER
1 OF 1

SCALE
AS SHOWN

FILE
COR-BRM-09

Gorman Terminals, LLC
Port of Rensselaer
New Product Tank No. 202

Project Description

Gorman Terminals is proposing to install a new asphalt storage tank at its existing facility located at 60 Riverside Ave. in the Port and City of Rensselaer. This tank is intended to be used to store nominal quantities of a modified asphalt polymer that is mixed with conventional asphalt already stored seasonally on this site. The tank will be situated immediately adjacent to another identical tank installed in 2009. Construction and site work will meet both Industry standards and City requirements. The tank will be constructed of welded steel panels with concrete foundation and piping accessories. The tank dimensions will be: 20 feet in diameter and 32 feet high. The only other item to be constructed is interconnective piping to the existing tank and two valves. It will be about the smallest tank on this site and hold about 75,000 gallons when full. A concrete foundation will be installed on grade in conformance with the site soil conditions and manufacturer requirements. It will be furnished and installed by specialists in petroleum tanks. Final design plans will be provided to the City with the building permit application.

Site Operation

The facility typically operates during the months of March through November. During the off season little product remains. The product primarily stored at this site consists of several grades of asphalt cement. Product is either pumped from barges at the river terminal or from rail tanker cars located across Riverside Ave. When ordered, product is unloaded to tanker trailers and distributed to buyers. A boiler exists on site to maintain heat required to move or pump the asphalt. Other facilities situated on site include a scale house, boiler facility, truck scales and six other asphalt storage tanks.

Flood Plan Concerns and Site Containment

The site located in flood Zone A along the Hudson River and the new tank will be in the flood zone. Accordingly the tank will meet provisions for flood mitigation.

The base flood plan elevation in this zone is 20.0 feet. The height of the existing containment berm around is at 16.2 feet at its low point. The purpose of the berm is to contain any spills associated with product storage and not for flood control.

The subject tank is flood proofed by the nature of its materials of construction and intended use and purpose. It does not occupy or supplant any significant volume in the flood plain should the containment area be flooded and the flood elevation exceed 16.2 feet. With regard to anchoring, should catastrophic flooding occur, the proposed new tank will be anchored in place to prevent floatation or movement.

The owners have not observed any flooding within the containment area in the last 15 years of ownership. A flood emergency plan has been prepared and submitted to the City in 2007 and addresses all concerns related to flood impacts. A copy of this plan is on file in the building Department.

Other Site Development Issues:

Drainage: The site is self contained and does not release storm water. No new catch basins or drainage improvements are necessary.

Parking, Grading and Landscaping: No new parking is required, no changes to site grade will result and no landscaping is proposed.



NEW TANK LOCATION
GORMAN TERMINALS

PART II - IMPACT ASSESSMENT (To be completed by Lead Agency)

A. DOES ACTION EXCEED ANY TYPE I THRESHOLD IN 6 NYCRR, PART 617.4? If yes, coordinate the review process and use the FULL EAF.
 Yes No

B. WILL ACTION RECEIVE COORDINATED REVIEW AS PROVIDED FOR UNLISTED ACTIONS IN 6 NYCRR, PART 617.6? If No, a negative declaration may be superseded by another involved agency.
 Yes No

C. COULD ACTION RESULT IN ANY ADVERSE EFFECTS ASSOCIATED WITH THE FOLLOWING: (Answers may be handwritten, if legible)

C1. Existing air quality, surface or groundwater quality or quantity, noise levels, existing traffic pattern, solid waste production or disposal, potential for erosion, drainage or flooding problems? Explain briefly:
 no

C2. Aesthetic, agricultural, archaeological, historic, or other natural or cultural resources; or community or neighborhood character? Explain briefly:
 no

C3. Vegetation or fauna, fish, shellfish or wildlife species, significant habitats, or threatened or endangered species? Explain briefly:
 no

C4. A community's existing plans or goals as officially adopted, or a change in use or intensity of use of land or other natural resources? Explain briefly:
 no

C5. Growth, subsequent development, or related activities likely to be induced by the proposed action? Explain briefly:
 no

C6. Long term, short term, cumulative, or other effects not identified in C1-C5? Explain briefly:
 no

C7. Other impacts (including changes in use of either quantity or type of energy)? Explain briefly:
 no

D. WILL THE PROJECT HAVE AN IMPACT ON THE ENVIRONMENTAL CHARACTERISTICS THAT CAUSED THE ESTABLISHMENT OF A CRITICAL ENVIRONMENTAL AREA (CEA)?
 Yes No If Yes, explain briefly:

E. IS THERE, OR IS THERE LIKELY TO BE, CONTROVERSY RELATED TO POTENTIAL ADVERSE ENVIRONMENTAL IMPACTS?
 Yes No If Yes, explain briefly:

PART III - DETERMINATION OF SIGNIFICANCE (To be completed by Agency)

INSTRUCTIONS: For each adverse effect identified above, determine whether it is substantial, large, important or otherwise significant. Each effect should be assessed in connection with its (a) setting (i.e. urban or rural); (b) probability of occurring; (c) duration; (d) irreversibility; (e) geographic scope; and (f) magnitude. If necessary, add attachments or reference supporting materials. Ensure that explanations contain sufficient detail to show that all relevant adverse impacts have been identified and adequately addressed. If question D of Part II was checked yes, the determination of significance must evaluate the potential impact of the proposed action on the environmental characteristics of the CEA.

Check this box if you have identified one or more potentially large or significant adverse impacts which **MAY** occur. Then proceed directly to the FULL EAF and/or prepare a positive declaration.

Check this box if you have determined, based on the information and analysis above and any supporting documentation, that the proposed action **WILL NOT** result in any significant adverse environmental impacts **AND** provide, on attachments as necessary, the reasons supporting this determination.

12/20/12

 Name of Lead Agency

 Date

 Print or Type Name of Responsible Officer in Lead Agency

 Title of Responsible Officer

 Signature of Responsible Officer in Lead Agency

 Signature of Preparer (If different from responsible officer)

Reset



H.V. LABARBA & ASSOCIATES
Consulting Environmental Engineers

100 Trillium Lane
Albany, New York 12203
(518) 456-0006
Fax (518) 456-3465

December 19, 2012

Ms. Sara Crowell and
Mr. Dan Moore
Director of Planning and Economic Development
City Hall
550 Broadway
Rensselaer, NY 12144

**RE: Permit Application for Development within a Designated Flood Plain
Certificate of Compliance
Proposed Asphalt Tank No. 202
Gorman Brothers Facility
Riverside Ave. Port of Rensselaer**

Dear Sarah and Dan;

Pursuant to the requirements of the City's regulations of development with a designated flood plain (Local Law # 2, 1987 Flood Damage Protection) we are submitting this certificate of compliance and other information as necessary for a complete application.

Narrative

This project involves the construction of a new steel tank (dimensions: 20' diameter, 32' high) which will contain a polymer. The tank will be anchored in place with a new concrete foundation which will prevent any flotation should it become submerged (see attached plans). The tank is located within the property of Gorman Terminals on Riverside Ave in the port of Rensselaer. This site is enclosed by a protective berm for product spill purposes in accordance with NYSDEC Petroleum Storage Facility regulations. The top of berm elevation is about 17.0' at its lowest point. The base elevation of the new tank (#102) is about 13.0'. The 100 year base flood elevation is 20' according to the City of Rensselaer Flood Insurance Rate Map.

Gorman has previously prepared and instituted an Emergency Action Plan to be implemented in the event of a major flood and it is on file with the City. Procedures in that plan call for actions regarding tank flotation for certain other tanks. The construction of tank # 202 will not require emergency response procedures since it will be anchored in place.

The planning and construction of the new tank will be in compliance with applicable sections of the City flood development regulations, (Local Law # 2 for 1987) as noted and summarized herein.

Applications Stage

- Section 4.2 -1-(a): The elevation of the base of the tank relative to mean sea level is 13.0 feet.
- (b): The tank (structure) will be flood proofed to elevation 45.0 which is the top of the tank relative to mean sea level,
- (c): Flood proofing will meet the utility criteria of Section 5.1-3 (1) of the City's flood plain development regulations,
- (d): Flood proofing will meet the non-residential criteria of Section 5.2 of the City's flood plain development regulations,
- (e): The watercourse of the adjacent waterway (Hudson River) will not be altered or relocated as a result of the proposed development.

Construction Stage

- Upon completion of the proposed development (tank construction) a certificate of compliance will be prepared and issued to the City by H.V. LaBarba, PE licensed professional engineer in NYS.

Please contact me should there be any additional needs or questions.

Very truly yours,



Henry V. LaBarba, P.E.

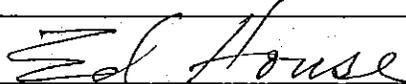
H. V. LABARBA & ASSOCIATES
CONSULTING ENGINEERS

HVL/ w/enc.: cc: E House, Gorman
att; Plans and elevations

FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

SECTION 1: GENERAL PROVISIONS (to be read and signed by APPLICANT):

1. No work may start until a permit is issued.
2. The permit may be revoked if any false statements are made herein.
3. If revoked, all work must cease until permit is re-issued.
4. Development shall not be used or occupied until a Certificate of Compliance is issued.
5. The permit will expire if no work is commenced within six months of issuance.
6. Applicant is hereby informed that other permits may be required to fulfill local, state and federal regulatory requirements.
7. Applicant hereby gives consent to the Local Administrator or his/her representative to make reasonable inspections required to verify compliance.
8. I, THE APPLICANT, CERTIFY THAT ALL STATEMENTS HEREIN AND IN ATTACHMENTS TO THIS APPLICATION ARE, TO THE BEST OF MY KNOWLEDGE, TRUE AND ACCURATE.



Applicant Signature

December 20, 2012

Date

Applicant Contact Information (name, company, mailing address, phone):

Edward House c/o Gorman Terminals 290 Riverside Ave. Rensselaer, NY 12144 Ph 436-1289

SECTION 2: PROPOSED DEVELOPMENT (To be completed by APPLICANT)

	NAME	ADDRESS	TELEPHONE
APPLICANT	Gorman Terminals	290 Riverside Ave, Renn, NY 12144	436-1289
BUILDER			
ENGINEER	SPEC Engineering, PLLC	16 Computer Drive W, Albany NY 12205	
CONSULTANT	HV LaBarba & Assoc.	100 Trillium Lane Albany, NY 12203	456-0006

PROJECT LOCATION:

To avoid delay in processing the application, please provide enough information to easily identify the project location. Provide the street address, lot number or legal description (attach) and, outside urban areas, the distance to the nearest intersecting road or well-known landmark. A sketch attached to this application showing the project location would be helpful.

290 Riverside Ave, Rensselaer, NY 12144 Site of existing Gorman Terminals

DESCRIPTION OF WORK (Check all applicable boxes):

A. STRUCTURAL DEVELOPMENT

ACTIVITY

- New Structure
- Addition
- Alteration
- Relocation
- Demolition
- Replacement

STRUCTURE TYPE

- Residential (1-4 Family)
- Residential (More than 4 Family)
- Non-residential (Floodproofing? Yes)
- Combined Use (Residential & Commercial)
- Manufactured (Mobile) Home

ESTIMATED COST OF PROJECT:

\$ 80,000

B. OTHER DEVELOPMENT ACTIVITIES:

- Fill Mining Drilling Grading
- Excavation (Except for Structural Development Checked Above)
- Watercourse Alteration (Including Dredging and Channel Modifications)
- Drainage Improvements (Including Culvert Work)
- Road, Street or Bridge Construction
- Subdivision (New or Expansion)
- Individual Water or Sewer System
- Other (Please Specify) _____

After completing SECTION 2, APPLICANT should submit form to Local Administrator for review.

SECTION 3: FLOODPLAIN DETERMINATION (To be completed by LOCAL ADMINISTRATOR)

The proposed development is located on FIRM Panel No. 361032 0001 B, Dated MARCH 18th 1980

The Proposed Development:

Is NOT located in a Special Flood Hazard Area (Notify the applicant that the application review is complete and NO FLOODPLAIN DEVELOPMENT PERMIT IS REQUIRED).

Is located in a Special Flood Hazard Area. FIRM zone designation is A-12
100-Year flood elevation at the site is 19.25 Ft. NGVD (MSL) / Unavailable

The proposed development is located in a floodway.

FBFM Panel No. _____ Dated _____

See Section 4 for additional instructions.

Paul Moore
Local Administrator Signature

01-02-13
Date

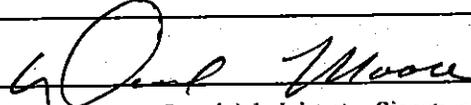
SECTION 4: ADDITIONAL INFORMATION REQUIRED (To be completed by LOCAL ADMINISTRATOR)

The applicant must submit the documents checked below before the application can be processed:

- A site plan showing the location of all existing structures, water bodies, adjacent roads, lot dimensions and proposed development.
- Development plans, drawn to scale, and specifications, including where applicable, details for anchoring structures, proposed elevation of lowest floor (including basement), types of water resistant materials used below the first floor, details of floodproofing of utilities located below the first floor and details of enclosures below the first floor.
- Subdivision or other development plans (If the subdivision or other development exceeds 50 lots or 5 acres, whichever is the lesser, the applicant must provide 100-year flood elevations if they are not otherwise available).
- Plans showing the extent of watercourse relocation and/or landform alterations.
- Plans showing top of proposed new fill elevation in FT. NGVD (MSL).
- Plans showing proposed flood proofing protection level (non-residential only) in FT. NGVD (MSL). For flood proofed structures, applicant must attach certification from registered engineer or architect.
- Certification from a registered engineer that the proposed activity in a regulatory floodway will not result in any increase in the height of the 100-year flood. A copy of all data and calculations supporting this finding must also be submitted.
- Other:

SECTION 5: DEVELOPMENT PERMIT DETERMINATION (To be completed by LOCAL ADMINISTRATOR)

I have determined that the proposed activity: A. Is / B. Is not in conformance with provisions of Local Law # 2 of 6/17/1987 and / or Special Use Permit Approved on _____ by the Planning Commission. The development permit is issued subject to the conditions attached to and made part of this permit.


Local Administrator Signature

01-02-13
Date

If **BOX A** is checked, the Local Administrator may issue a Demolition, Grading, or Building Permit upon payment of designated fee.
If **BOX B** is checked, the Local Administrator will provide a written summary of deficiencies. Applicant may revise and resubmit an application to the Local Administrator or may request a hearing from the Board of Appeals.

APPEALS: Appealed to Board of Appeals? Yes No Hearing date: _____
 Appeals Board Decision --- Approved? Yes No

Conditions

SECTION 6: AS-BUILT ELEVATIONS (To be submitted by APPLICANT before Certificate of Compliance is issued)

The following information must be provided for project structures. This section must be completed by a registered professional engineer or a licensed land surveyor (or attach a certification to this application). Complete 1 or 2 below.

1. Actual (As-Built) Elevation of the top of the lowest floor, including basement (in Coastal High Hazard Areas / Zone V, bottom of lowest structural member of the lowest floor, excluding piling and columns) is: FT. NGVD (MSL).
2. Actual (As-Built) Elevation of floodproofing protection is: FT. NGVD (MSL).

NOTE: Any work performed prior to submittal of the above information is at the risk of the Applicant.

SECTION 7: COMPLIANCE ACTION (To be completed by LOCAL ADMINISTRATOR)

The LOCAL ADMINISTRATOR will conduct regular inspections to ensure compliance.

INSPECTIONS:

DATE

BY

DEFICIENCIES? YES NO

DATE

BY

DEFICIENCIES? YES NO

DATE

BY

DEFICIENCIES? YES NO

SECTION 8: CERTIFICATE OF COMPLIANCE (To be completed by LOCAL ADMINISTRATOR)

Certificate of Compliance issued prior to granting of Certificate of Occupancy:

ISSUED BY

DATE

**CERTIFICATE OF COMPLIANCE
FOR DEVELOPMENT IN A SPECIAL FLOOD HAZARD AREA
(OWNER MUST RETAIN THIS CERTIFICATE)**

TO BE COMPLETED AND ISSUED PRIOR TO FINAL INSPECTION FOR A CERTIFICATE OF OCCUPANCY

SECTION A (To be completed by APPLICANT -- sign either A.1 or A.2 not both)

PREMISES LOCATED AT

OWNER:

OWNER ADDRESS:

CHECK ONE: NEW BUILDING EXISTING BUILDING FILL OTHER: _____

1. I CERTIFY THAT I HAVE COMPLIED WITH THE REQUIREMENTS OF LOCAL LAW # 2 of 6/17/1987 (City Code Chapter 105), AND THE SPECIAL USE PERMIT APPROVED _____.

APPLICANT SIGNATURE

DATE

<OR>

2. I CERTIFY THAT I HAVE COMPLIED WITH THE REQUIREMENTS OF LOCAL LAW # 2 of 6/17/1987 (City Code Chapter 105), THE SPECIAL USE PERMIT APPROVED _____, AND THE AREA VARIANCE GRANTED _____.

APPLICANT SIGNATURE

DATE

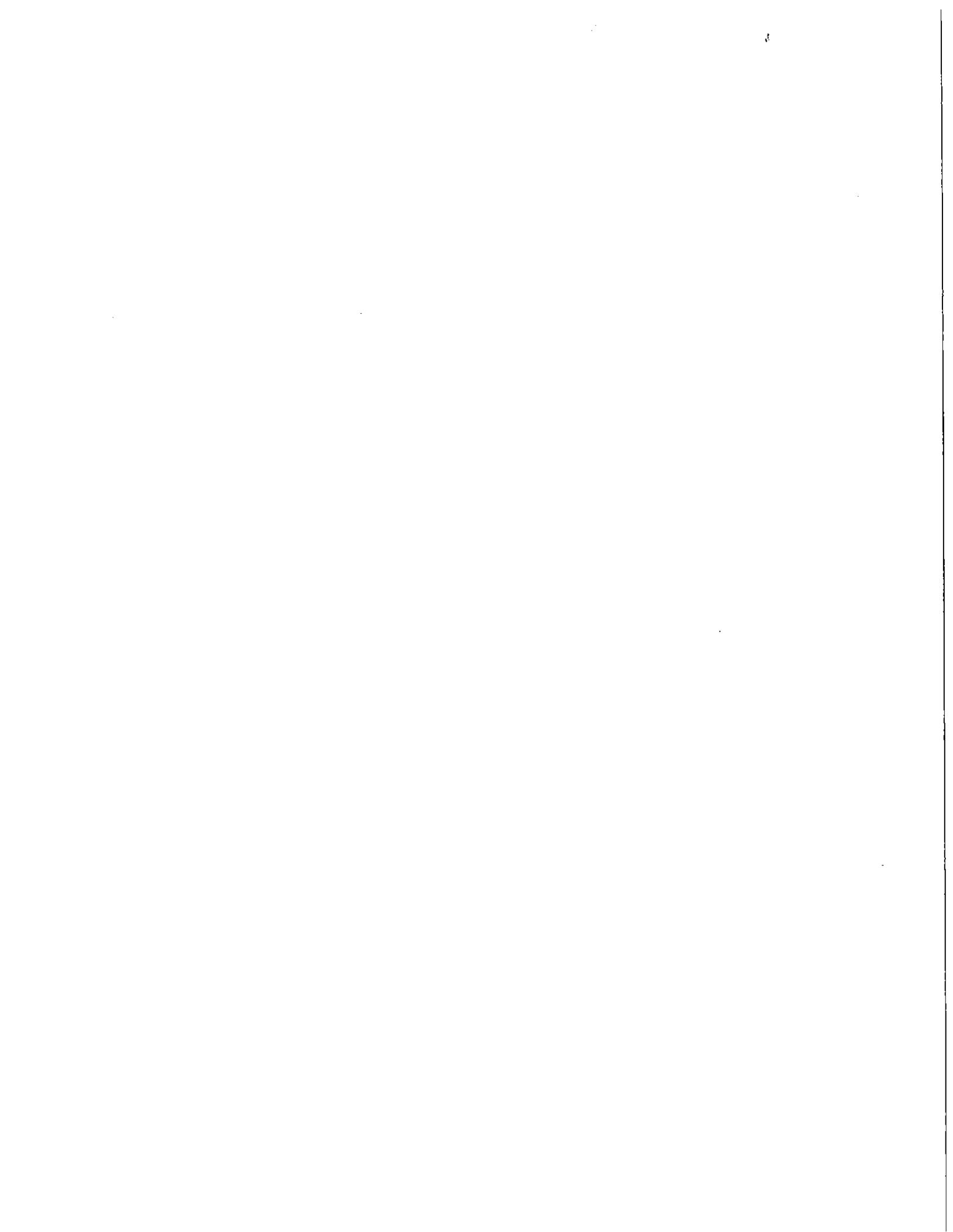
SECTION B (To be completed by LOCAL ADMINISTRATOR)

This certifies based on a final site inspection that the above described floodplain development complies with requirements of Flood Damage Prevention Local Law Number 2 of 1987, or has a duly granted variance.

LOCAL ADMINISTRATOR SIGNATURE

PERMIT NO:

PERMIT DATE:



GORMAN NEW ASPHALT TANK

RENSSELAER, NY

290 RIVERSIDE AVE ASPHALT TERMINAL

CIVIL AND MECHANICAL DRAWINGS

MECHANICAL DRAWING NUMBER	REV	DRAWING TITLE
COVER	3	COVER SHEET
C-1	3	TANK FOUNDATION
TK-1	3	ASPHALT TANK
TK-2	3	ASPHALT TANK DETAILS
TK-3	3	ASPHALT TANK DATA SHEET



SPENCER
 ENGINEERING, INC.
 125 W. 42nd St. New York, N.Y. 10018

NO.	DATE	DESCRIPTION	BY	CHECKED
3		ISSUED FOR PERMIT		
2		ISSUED FOR BID		
1		ISSUED FOR REVIEW		

MADE IN U.S.A.

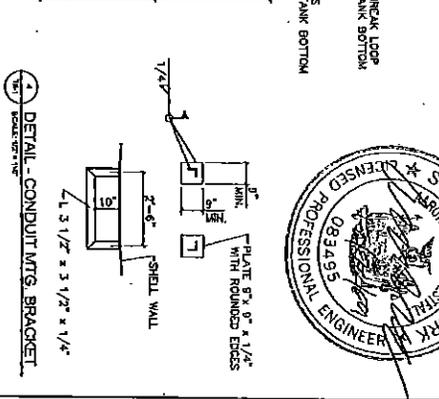
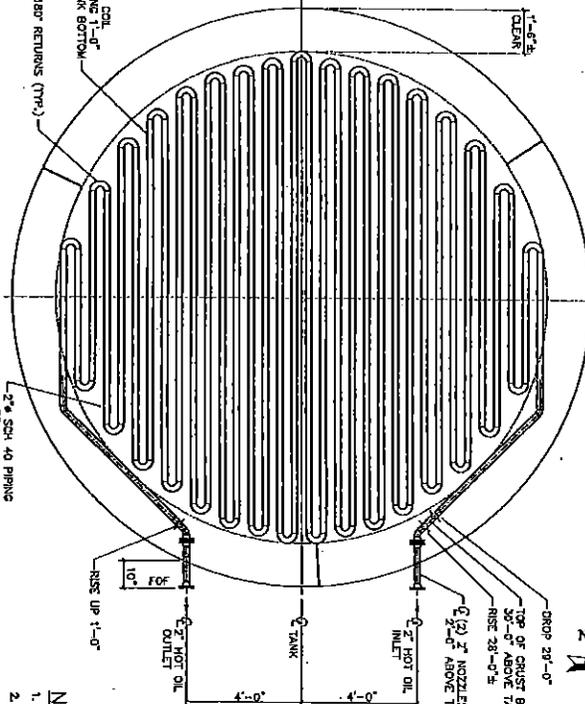
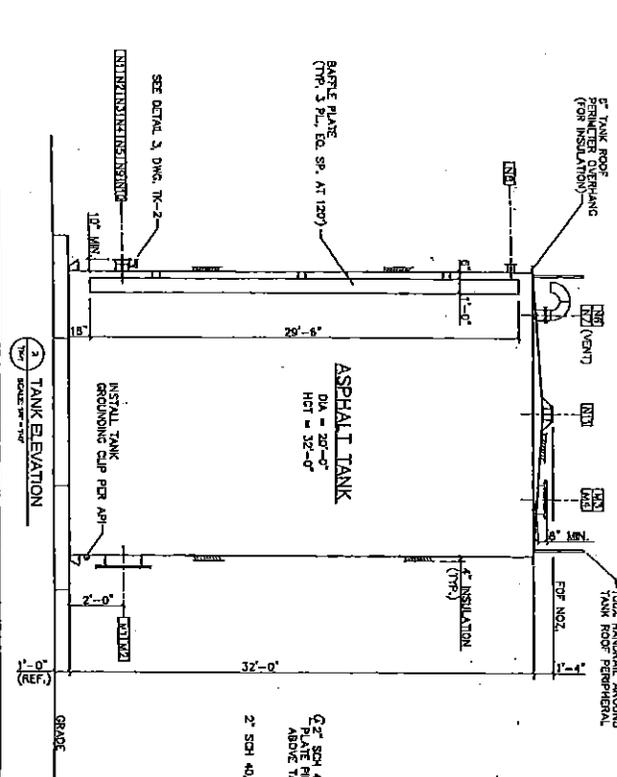
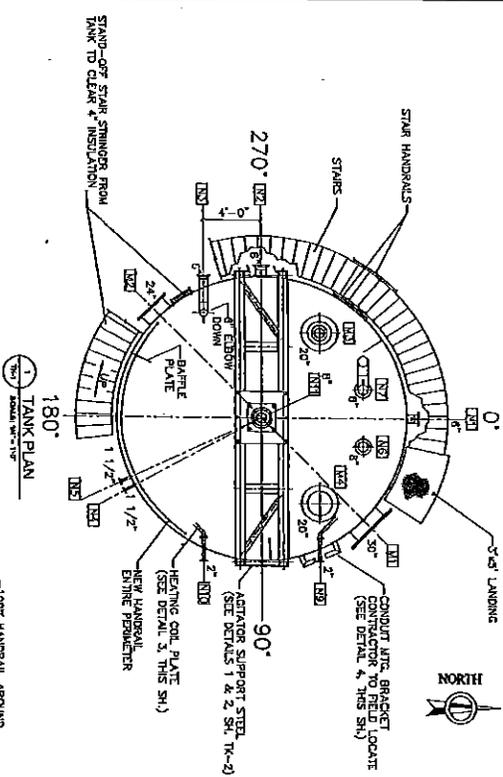
DATE	BY	DESCRIPTION
12-18-78		
12-19-78		
12-27-78		

GORMAN ASPHALT, LTD.
 RENSSELAER THERMONT RENSSELAER, NY
 NEW ASPHALT TANK PROJECT
 COVER SHEET
 1 of 1

THIS DRAWING AND ALL INFORMATION HEREON IS THE PROPERTY OF SPENCER ENGINEERING, INC. AND SHALL BE KEPT IN CONFIDENCE. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. NO PART OF THIS DRAWING SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF SPENCER ENGINEERING, INC.

NOZZLE SCHEDULE

MARK SIZE	CONNECTION	ELEVATION	ORIENTATION	DESIGNATION	NOTES
N1 8"	150# FLG		SHELL	MEET WITH INTERIOR FLO	
N2 6"	150# FLG		SHELL	LOU	INST. LOW TEMP. FLOOR DOWN INSIDE TANK
N3 1 1/2"	150# FLG		SHELL	TR / RFD / TL	REQUIRES THERMOWEL
N4 1 1/2"	150# FLG		SHELL	SPARE	REQUIRES THERMOWEL
N5 8"	150# FLG		ROOF MOUNTED	GAUGE HATCH	
N6 8"	150# FLG		ROOF MOUNTED	OPEN GROSS NECK VENT	REQUIRES INSECT SCREEN
N7 8"	150# FLG		HIGH ON SHELL	ASPHALT COVERTEL	
N8 8"	150# FLG		SHELL	HOT OIL INLET	
N9 8"	150# FLG		ROOF MOUNTED	HOT OIL INLET	
N10 8"	150# FLG		ROOF MOUNTED	HANDLE AT QUANTILE #2	PROVIDE 3/8" BEARD & NOZZLE SUPPORTERS WITH HANDLES
N11 8"	150# FLG		SHELL	HANDLE #2	WITH HANDLES
N12 2 1/2"	150# FLG		ROOF MOUNTED	WITH 8" FLANGE FOR FLANG TRANSMITTER	WITH HANDLES
N13 2 1/2"	150# FLG		ROOF MOUNTED	WITH 2 1/2" DIA. PIV	PROV BY CONTRACTOR
N14 2 1/2"	150# FLG		ROOF MOUNTED	HANDLE #4	



NOZZLES CONNECTION:

1. FLANGES = 150# ANSI B16.5
2. COUPLERS = 3000#
3. PROVIDE 3/4\"/>

NOTES:

1. GENERAL ARRANGEMENTS FOR BID PURPOSES ONLY.
2. HANDRAIL TO MEET OSHA STANDARDS, ADJUST FOR INSULATION.
3. TANK TO BE INSULATED (4\"/>

SPBIC
 ROBERTSON, LTD.
 1000 W. 10th St., Suite 100
 Portland, OR 97201
 TEL: 503-241-1111
 FAX: 503-241-1112

GOBBAN ASPHALT, LTD
 RENSSLAER TERMINAL, RENSSLAER, NY
 NEW ASPHALT TANK PROJECT

DATE: 1/14/91
 DRAWING NO: 1
 SHEET NO: 3



GENERAL DESCRIPTION

OWNER: GORMAN BROTHERS
 LOCATION: RENSSELAER
 TANK QUANTITY: 1 TANK SIZE: 20'-0"ø x 32'-0"
 TANK TYPE: CRT TANK NAME: ASPHALT
 TANK NUMBER(S): T-XXX
 NOMINAL CAPACITY: 75,197 GALLONS
 PRODUCT STORED: ASPHALT
 FOUNDATION TYPE: CONCRETE PAD
 OTHER TANK NOTES: MATERIALS TO BE USED ON THE PROJECT SHALL NOT ORIGINATE IN CHINA OR INDIA.
 INSULATION: SHELL 4" FIBERGLASS
 MAX FILL / WITHDRAWAL RATE: 1000 GPM
 INTERNAL COILS: YES, WITH INTERNAL CRUST BREAKER
 INTERNAL BAFFLES: QTY. (3) 12"W x 30'-0"L x 12" OFF FLOOR-GUSSETED

MATERIALS

BOTTOM: 1/4" MIN. PLUS CA JOINT TYPE: AS REQUIRED
 ANNULAR PLATE: AS REQUIRED JOINT TYPE: BUTT WELD
 SHELL: 1/4" MIN. PLUS CA JOINT TYPE: BUTT WELD
 ROOF: 1/4" MIN. PLUS CA JOINT TYPE: LAP
 NOZZLE NECKS: SCH 80 GASKETS: KLINGERSIL 4401 OR EQUAL
 FLANGES: A105 BOLTS/NUTS: A193-B7 / A194-2H
 STRUCTURAL: A36/A992 ANCHOR BOLTS: A193-B7
 CORROSION ALLOWANCE
 BOTTOM: 1/8" SHELL: 1/8" ROOF: 1/8"
 NOZZLE NECKS: NA STRUCTURAL: 1/8"

DESIGN CRITERIA

DESIGNED AND FABRICATED PER: API-650, 11TH EDITION, W/ ADDENDUM APPENDIX: B, E, F, L, M, R, W
 SPECIFIC GRAVITY: 1 FREEBOARD: 0 FT UNIFORM LIVE LOAD: 25 PSF ROOF SNOW LOAD: AS REQ'D AT LOCATION
 DESIGN PRESSURE (INT.): API LIMIT OPERATING PRESSURE (INT.): ATM DESIGN TEMPERATURE (MAX): 450F (MIN.): PER API
 DESIGN PRESSURE (EXT.): API LIMIT OPERATING PRESSURE (EXT.): ATM OTHER: ROOF MOUNTED AGITATOR

NOTES:

1. PROVIDE REINFORCING PAD FOR ALL ATTACHMENTS.
2. PROVIDE AT LEAST (4) ANCHOR CHAIRS.



SPERC
 DIMENSIONAL FILE
 3 ISSUED FOR PERMIT
 2 ISSUED FOR BID
 1 ISSUED FOR REVIEW

NO.	DATE	DESCRIPTION	BY	CHECKED
3	10/20/20	ISSUED FOR PERMIT		
2	10/20/20	ISSUED FOR BID		
1	10/20/20	ISSUED FOR REVIEW		

GORMAN ASPHALT, LTD
 RENSSELAER TERMINAL, RENSSELAER, NY
 NEW ASPHALT TANK PROJECT
 TANK DATA SHEET
 DATE: 10/20/20
 DRAWN BY: TWC-9
 3 of 3