

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

SECTION

PERMIT ISSUED
Permit Number: 050932
AUG - 1 2005
CITY OF PORTLAND

This is to certify that Portland Water District/Energy USA Pro...
has permission to Install two (2) 1000 gallon underground storage tanks...
AT Eastern Promenade 006 B005001

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and written permission procured before this building or part thereof is altered or closed-in. 24 HOUR NOTICE IS REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

OTHER REQUIRED APPROVALS

Fire Dept. Capt. Greg Cass 07/29/05
Health Dept.
Appeal Board
Other Department Name

Handwritten signature and date 7/29/05
Director Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 05-0932	Issue Date: AUG 1 2005	CBL: 006 B005001
Owner Address: 225 Douglass St		Phone:
Contractor Address: 29 Vannah Ave Portland		Phone: 207-874-6388
Permit Type: HVAC		Zone: ROS

Location of Construction: 0 Eastern Promenade	Owner Name: Portland Water District
Business Name:	Contractor Name: Energy USA Propane
Lessee/Buyer's Name	Phone:

Past Use: water treatment facility	Proposed Use: water treatment facility with two (2) 1000 gallon underground propane tanks
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Permit Fee: \$84.00	Cost of Work: \$6,800.00	CEO District: 1
FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied <i>with conditions</i>	INSPECTION: Use Group: U Type: Tank NFPA <i>[Signature]</i>	
Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>	

Proposed Project Description:
Install two (2) 1000 gallon underground propane tanks

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: Approved Approved w/Conditions Denied

Signature: _____ Date: _____

Permit Taken By: jharris	Date Applied For: 07/11/2005	Zoning Approval	
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<ol style="list-style-type: none"> This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. Building permits do not include plumbing, septic or electrical work. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work.. 	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>7/12/05</i>	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date: _____	Historic Preservation <input type="checkbox"/> Not in District or Landmar <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: _____
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CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

City of Portland, Maine - Building or Use Permit

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 05-0932	Date Applied For: 07/11/2005	CBL: 006 B005001
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Location of Construction: 0 Eastern Promenade	Owner Name: Portland Water District	Owner Address: 225 Douglass St	Phone:
Business Name:	Contractor Name: Energy USA Propane	Contractor Address: 29 Vannah Ave Portland	Phone (207) 874-6388
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: water treatment facility with two (2) 1000 gallon underground propane tanks	Proposed Project Description: Install two (2) 1000 gallon underground propane tanks
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Dept: Zoning **Status:** Approved **Reviewer:** Marge Schmuckal **Approval Date:** 07/12/2005
Note: **Ok to Issue:**

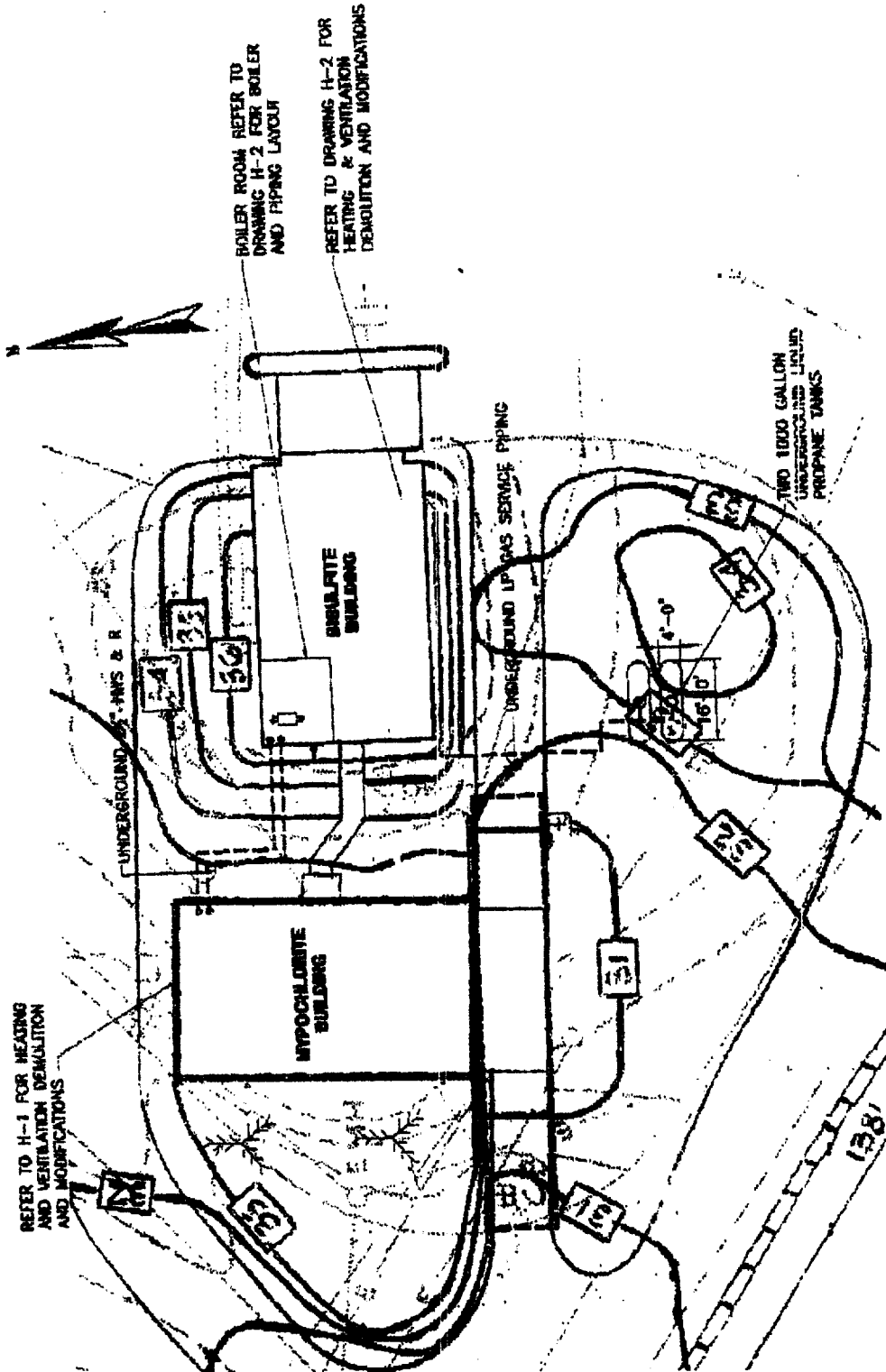
Dept: Building **Status:** Approved **Reviewer:** Tammy Munson **Approval Date:** 07/29/2005
Note: **Ok to Issue:**

Dept: Fire **Status:** Approved with Conditions **Reviewer:** Cptn Greg Cass **Approval Date:** 07/14/2005
Note: **Ok to Issue:**

1) Installation to comply with NFPA 58

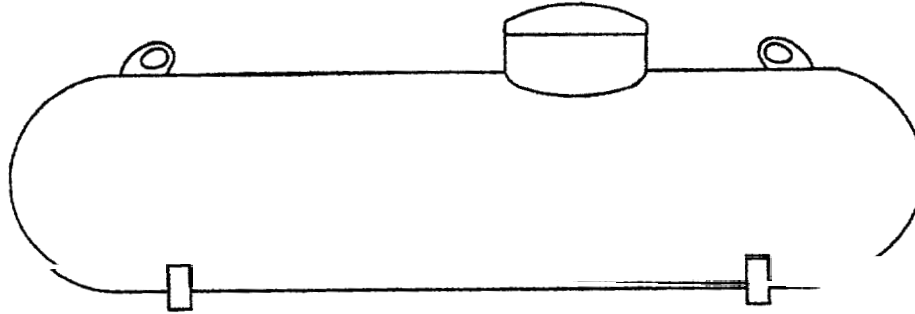
APPROX 58 CB³

1. Backfill
2. 8" AD Thru 13' x 20' x 12" #5 REBAR @ 12" OC Exhaust
3. Cables Attached
4. Tank Specs
5. Tank Protection
6. Pardon Sticking Out



SITE MODIFICATIONS
 SHOWN
 APPROX SCALE: 1" = 20'

Underground/Aboveground Tanks



Underground Tanks

Part#	Capacity In W.G.	Overall Length	Outside Diameter (in)	Overall Height w/26" Riser	Weight	Number Per Stack	Number Per Load	Webb#
G/T250UG	250	7' - 8"	30" OD	38"	480	5	30	185234
G/T320UG	320	9' - 6"	30" OD	38"	620	5	25	185238
G/T500UG	500	10' 0"	37" OD	65"	940	5	25	185249
G/T1000UG	1000	15' - 10"	41" OD	69"	1800	5	15	185225

Aboveground Tanks

Part#	Capacity In W.G.	Overall Length	Outside Diameter (in)	Leg Spacing	Weight (lbs)	Number Per Stack	Number Number Per Load	Webb# (White)	Webb# (Gray)
G/T120AG	120	5' - 7"	24" OD	37 1/2"	260	14	112	205731	
G/T250AG	250	7' - 8"	30" OD	60"	480	9	54	185233	198025
G/T320AG	320	9' - 6"	30" OD	60"	620	9	45	185237	
G/T500AG	500	10' - 0"	37" OD	60"	940	6	30	185248	198024
G/T1000AG	1000	15' - 10"	41" OD	138"	1800	5	15	185224	

AG/UG Tank

Part#	Capacity In W.G.	Overall Length	Outside Diameter (in)	Overall Height w/Riser & Leg	Leg Spacing	Weight (lbs)	# Per Stack	Number Per Load	Webb#
G/T120AG/UG	120	5' - 8"	24" OD	36"	37 1/2"	260	12	96	185228
G/T250AG/UG	250	7' - 9"	30" OD	40"	60"	480	9	54	202413
G/T320AG/UG	320	9' - 11"	30" OD	40"	60"	620	9	45	193388
G/T500AG/UG	500	10' - 0"	37" OD	47"	60"	940	6	30	194172
G/T1000AG/UG	1000	15' - 10"	41" OD	51"	138"	1800	5	15	204553

500 Aboveground Tank with 11/4 Bottom Opening for Fill Stations

Part#	Capacity In W.G.	Overall Length	Outside Diameter (in)	Leg Spacing	Weight (lbs)	Webb#
G/T500AG-B	500	10' - 0"	37" OD	60"	950	215818

All 1000 AG come standard with bottom 1 1/4 MDT opening

How to Make Up a Mixed Truckload

Model	120AG	250AG	320AG	500AG	1000AG	1000AG
Diameter	24"	30"	30"	37"	41"	41"
Footprint	6'	8'	10'	10'	16'	20'
	14-120	9-250	9-320	6-475	5-1000	1,525
		4-120	6-250	6-500	3-1000	3-1000
		6-250	3-320	6-500	8-120	6-320
		8-120	3-250	3-475	3-1000	3-1000
		3-250	6-320	8-120	6-250	4-500
		4-150		3-500		3-1000
		6-250		8-120		4-500
		8-150		3-475		
		3-250		8-150		
			3-500			
			8-150			
			3-475			
			3-500			

Notes

- The chart for AG models is applicable to AG/UG and UG models with the following exceptions:
 120 and 150 AG/UGs — stack drops from 14 to 12.
 250 and 320 UGs — stack drops from 9 to 5 tanks.
 475 and 500 UGs — stack drops from 6 to 5 tanks.
- A maximum of 2 models of ASME tanks per stack.
- A maximum of 1 mixed stack per load. Use longer length for calculating space required.
- A full load must measure between 46' and 50'.
- We can ship 52' (not allowed in some states) if the load meets additional criteria. (must be all AG tanks)