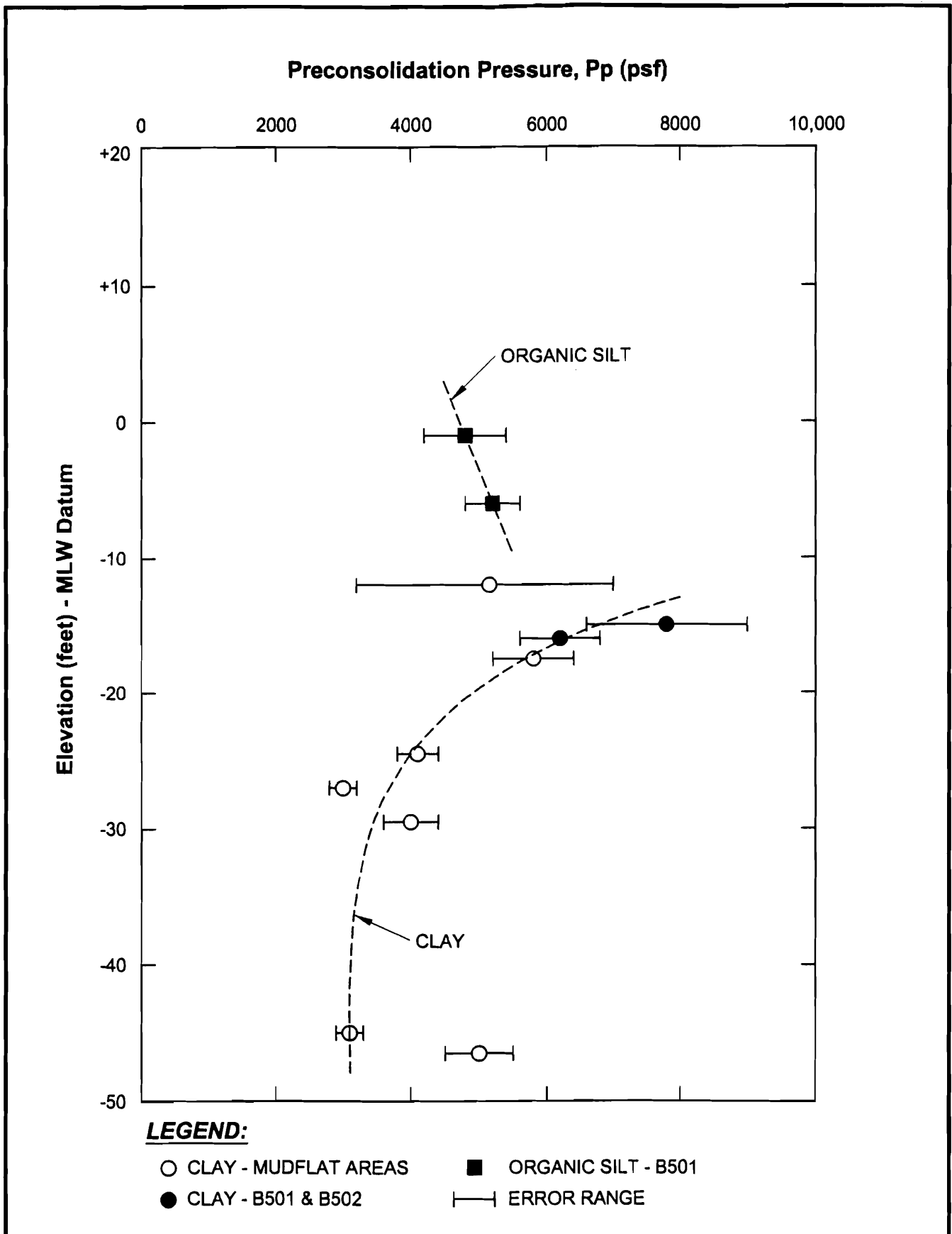


**LEGEND:**

- CLAY - MUDFLAT AREAS
- ORGANIC SILT - MUDFLAT AREAS
- △ CLAY - STORAGE AREA NORTH OF TERMINAL
- CLAY - B501 & B502
- ORGANIC SILT - B501

Merrill Marine Terminal Services, Inc. Portland, Maine	Rubb Warehouse No. 7 Merrill's Marine Terminal	COMPRESSION INDEX DATA
<b>GEI Consultants, Inc.</b>	Project 04082-2	July 2004 <span style="float: right;">Fig. 2</span>



Merrill Marine Terminal Services, Inc. Portland, Maine	Rubb Warehouse No. 7 Merrill's Marine Terminal	PRECONSOLIDATION DATA
<b>GEI Consultants, Inc.</b>	Project 04082-2	July 2004 <span style="float: right;">Fig. 3</span>

# GEI Consultants, Inc.

1021 Main Street  
Winchester, MA 01890

**Project:** Rubb VII Warehouse  
Merrill's Marine Terminal  
**Location:** S. Portland, ME

**Boring No.:** B-501

<b>Client:</b> Merrill Marine Terminal Services, Inc.	<b>Boring Location:</b> See Plan	<b>Drilling Method:</b> CWB
<b>Driller:</b> Northeast Diamond Drilling, Inc.	<b>Ground Elevation (ft):</b> 16 (est.)	<b>Auger ID/OD:</b> N/A
<b>Operator:</b> J. O'Leary	<b>Datum:</b> MLW	<b>Casing ID/OD:</b> HW 4.0"/4.5"
<b>Logged By:</b> S. DiBartolo	<b>Total Depth (ft):</b> 49.6	<b>Sampler:</b> 2-1/2" O.D. Split Spoon
<b>Date Start/Finish:</b> 05/06/04-05/07/04	<b>Water Level Depth (ft):</b> NM	<b>Hammer Wt./Fall:</b> 140# Donut Hammer/ 30"

**ABBREVIATIONS:**

S = Split Spoon Sample	HSA = Hollow Stem Auger Boring	WOC = weight of casing	S <sub>u</sub> = In situ Field Vane Shear Strength (psf)
A = Auger Sample	SSA = Solid Stem Auger Boring	WOR = weight of rods	S <sub>u(lab)</sub> = Lab Vane Shear Strength (psf)
U = Thin Wall Tube Sample	CWB = Cased Wash Boring	WOH = weight of 300lb. hammer	S <sub>v</sub> = Pocket Torvane Shear Strength (tsf)
C = Rock Core Sample	Open = Open Hole Boring	RQD = Rock Quality Designation	Q <sub>p</sub> = Pocket Penetrometer Unconfined Compressive Strength (tsf)
NV,BV = Rock Conng	Pen = Penetration length	OVM = Organic Vapor Meter	
NA,NM = not Applicable, not Measured	Rec. = Recovery Length	ppm = parts per million	

Elevation (ft.)	Casing Blow (/1ft.)	Depth (ft.)	Sample Information					Water Level*	Graphic Log	USCS Visual Descriptions and Remarks	Layer
			Sample No.	Pen./Rec. (in.)	Sample Depth (ft.)	Blows (/6 in.) Drill Times (min) or RQD (%)	Top Elevation (ft.)				
15	PUSH	0							0.0 FEET/ EL. 16.0 FEET	ASPHALT	
33									ASPHALT/GRAVEL	FILL	
62			S1	24/18	0.7 - 2.7	14-15-20-23	15.3		S1: SILTY SAND (SM), fine to coarse, 15% nonplastic silt, 10% fine gravel, pieces of coal & slag, brown (FILL)		
60									S2A: NARROWLY GRADED SAND (SP), fine to medium, <5% silt, 15% fine gravel, brick fragment, brown-black (FILL)		
13									5.1 FEET/ EL. 10.9 FEET		
17		5	S2	24/11	4.0 - 6.0	6-7-8-6	12.0		S2B: NARROWLY GRADED SAND (SP), fine to medium, <5% silt, <5% fine gravel, brown	SAND	
34									S3: NARROWLY GRADED SAND (SP), medium to coarse, 5% silt, 15% gravel, gray		
67											
42											
14											
13		10	S3	24/9	9.0 - 11.0	8-5-4-5	7.0				
15											
12											
15											
11											
14		15	S4	24/12	14.0 - 16.0	4-2-1-3	2.0		S4A: Similar to S3		
13									14.9 FEET/ EL. 1.1 FEET		
18			U1	24/13	16.0 - 18.0	PUSH	0.0		S4B: ORGANIC SAND & SILT (SM-OL), fine sand and low plasticity organic silt, shell fragments, dark gray	ORGANIC SILT	
20											
21											
23											
20		20	S5	24/24	19.0 - 21.0	1-2-1-2	-3.0		S5: SANDY ORGANIC SILT-CLAY (OL-CL), low plasticity, 35% fine sand, organic, trace shell fragments, gray-black Qp=0.25,0.25,0.25 tsf; Sv=2.5,2.2 tsf		
23											
25			U2	24/18	21.0 - 23.0	PUSH	-5.0				
23											
22											
24		25	S6	24/24	24.0 - 26.0	1-2-1-3	-8.0		S6: LEAN CLAY (CL), medium plasticity, <5% fine sand, gray Qp=0.0,0.0 tsf; Sv=0.5,0.5 tsf.	CLAY	
24											
20			U3	24/24	26.0 - 28.0	PUSH	-10.0				
24											
20									23.5 FEET/ EL. -7.5 FEET		
									S7: LEAN CLAY (CL), medium plasticity, <5% fine sand, occ. thin lens of fine sand.		

**Remarks:**

**GEI Consultants, Inc.**

1021 Main Street  
Winchester, MA 01890

**Project:** Rubb VII Warehouse  
Merrill's Marine Terminal  
**Location:** S. Portland, ME

**Boring No.:**  
**B-501**

<b>Client:</b> Merrill Marine Terminal Services, Inc.	<b>Boring Location:</b> See Plan	<b>Drilling Method:</b> CWB
<b>Driller:</b> Northeast Diamond Drilling, Inc.	<b>Ground Elevation (ft):</b> 16 (est.)	<b>Auger ID/OD:</b> N/A
<b>Operator:</b> J. O'Leary	<b>Datum:</b> MLW	<b>Casing ID/OD:</b> HW 4.0"/4.5"
<b>Logged By:</b> S. DiBartolo	<b>Total Depth (ft):</b> 49.6	<b>Sampler:</b> 2-1/2" O.D. Split Spoon
<b>Date Start/Finish:</b> 05/06/04-05/07/04	<b>Water Level Depth (ft):</b> NM	<b>Hammer Wt./Fall:</b> 140# Donut Hammer/ 30"

**ABBREVIATIONS:**

S = Split Spoon Sample	HSA = Hollow Stem Auger Boring	WOC = weight of casing	S <sub>u</sub> = Insitu Field Vane Shear Strength (psf)
A = Auger Sample	SSA = Solid Stem Auger Boring	WOR = weight of rods	S <sub>u(lab)</sub> = Lab Vane Shear Strength (psf)
U = Thin Wall Tube Sample	CWB = Cased Wash Boring	WOH = weight of 300lb. hammer	S <sub>v</sub> = Pocket Torvane Shear Strength (tsf)
C = Rock Core Sample	Open = Open Hole Boring	RQD = Rock Quality Designation	Q <sub>p</sub> = Pocket Penetrometer Unconfined Compressive Strength (tsf)
NV, BV = Rock Coring	Pen. = Penetration length	OMV = Organic Vapor Meter	
NA, NM = not Applicable, not Measured	Rec. = Recovery Length	ppm = parts per million	

Elevation (ft.)	Casing Blow (/1ft.)	Depth (ft.)	Sample Information					Water Level*	Graphic Log	USCS Visual Descriptions and Remarks	Layer
			Sample No.	Pen./Rec. (in.)	Sample Depth (ft.)	Blows (/6 in.) Drill Times (min) or RQD (%)	Top Elevation (ft.)				
-15	34	30	S7	24/24	29.0 - 31.0	WOR-WOR- WOH-3			gray Qp=0,0,0.25 tsf; Sv=2,2,2 tsf. Sv=2 tsf in bottom of U4	CLAY	
15	16	15	U4	24/23	31.0 - 33.0	PUSH	-15.0				
13											
19											
-20	13	35	S8	24/24	34.0 - 36.0	WOH-WOH- WOH-3	-18.0		S8: LEAN CLAY (CL), medium plasticity, <5% fine sand, gray Qp=0,0,0 tsf; Sv=1,1,1 tsf.		
18											
19											
24									37.5 FEET/ EL. -21.5 FEET	CLAY AND SAND	
-25	16	40	S9	24/24	39.0 - 41.0	WOH-WOH- WOH-3	-23.0		S9: INTERBEDDED LEAN CLAY (CL) & SILTY SAND (SM), layers of medium plasticity clay, layers of fine sand with 15% nonplastic silt, gray Qp=0 tsf; Sv=2 tsf.		
30											
-30	45	45	S10	24/22	44.0 - 46.0	3-12-13-29	-28.0		S10A (0-3"): LEAN CLAY (CL), medium plasticity, gray 44.3 FEET/ EL. -28.3 FEET S10B (3-14"): CLAYEY SAND (SC), fine, low plasticity, gray 45.3 FEET/ EL. -29.3 FEET S10C (14-22"): CLAYEY SAND & GRAVEL (SC-GC), 40% fine to coarse sand, 35% gravel, 25% medium plasticity clay, dark gray (TILL)	SAND TILL	
50											
-35	50	50	S11	5/3	49.2 - 49.6	64/5"	-33.2 -33.6		S11: Similar to S10C BOTTOM OF BOREHOLE, 49.6 FEET/ EL. -33.6 FEET.		
55											
-40											

**Remarks:**

# GEI Consultants, Inc.

1021 Main Street  
Winchester, MA 01890

**Project:** Rubb VII Warehouse  
Merrill's Marine Terminal  
**Location:** S. Portland, ME

**Boring No.:** B-502

<b>Client:</b> Merrill Marine Terminal Services, Inc.	<b>Boring Location:</b> See Plan	<b>Drilling Method:</b> CWB
<b>Driller:</b> Northeast Diamond Drilling, Inc.	<b>Ground Elevation (ft):</b> 19 (est.)	<b>Auger ID/OD:</b> N/A
<b>Operator:</b> J. O'Leary	<b>Datum:</b> MLW	<b>Casing ID/OD:</b> HW 4.0"/4.5"
<b>Logged By:</b> S. DiBartolo	<b>Total Depth (ft):</b> 72.4	<b>Sampler:</b> 2-1/2" O.D. Split Spoon
<b>Date Start/Finish:</b> 05/05/04-05/06/04	<b>Water Level Depth (ft):</b> 2.9	<b>Hammer Wt./Fall:</b> 140# Donut Hammer/ 30"

**ABBREVIATIONS:**

S = Split Spoon Sample	HSA = Hollow Stem Auger Boring	WOC = weight of casing	S <sub>u</sub> = Insitu Field Vane Shear Strength (psf)
A = Auger Sample	SSA = Solid Stem Auger Boring	WOR = weight of rods	S <sub>u(lab)</sub> = Lab Vane Shear Strength (psi)
U = Thin Wall Tube Sample	CWB = Cased Wash Boring	WOH = weight of 300lb. hammer	S <sub>v</sub> = Pocket Torvane Shear Strength (tsf)
C = Rock Core Sample	Open = Open Hole Boring	RQD = Rock Quality Designation	Q <sub>p</sub> = Pocket Penetrometer Unconfined Compressive Strength (tsf)
NV, BV = Rock Conng	Pen. = Penetration length	OMV = Organic Vapor Meter	
NA, NM = not Applicable, not Measured	Rec. = Recovery Length	ppm = parts per million	

Elevation (ft.)	Casing Blow (/1ft.)	Depth (ft.)	Sample Information					Water Level*	Graphic Log	USCS Visual Descriptions and Remarks	Layer
			Sample No.	Pen./Rec. (in.)	Sample Depth (ft.)	Blows (/6 in.) Drill Times (min) or RQD (%)	Top Elevation (ft.)				
0	PUSH	0							CONCRETE PAD	CONCRETE	
	PUSH								CONCRETE PAD	FILL	
38			S1	24/15	1.5 - 3.5	9-14-16-12	17.5		S1: WIDELY GRADED SAND (SW), fine to coarse, 5% nonplastic silt, 5% fine gravel, brown (FILL)		
32											
15		8							S2: WIDELY GRADED SAND (SW), fine to coarse, 15% gravel, <5% nonplastic silt, brown (FILL)		
24		5	S2	24/8	4.0 - 6.0	7-13-14-6	15.0				
24											
12											
17											
10		7							S3: NARROWLY GRADED SAND (SP), medium to coarse, 5% fine gravel, <5% nonplastic silt, brown (FILL)		
10		10	S3	24/6	9.0 - 11.0	4-3-2-3	10.0				
12											
19											
20											
5		23							S4: NARROWLY GRADED SAND (SP), fine sand, 5% fine gravel, root fibers, trace brick, brown & gray (FILL)		
21		15	S4	24/12	13.5 - 15.5	8-8-9-9	5.5			SANDY CLAY	
5									S5: SANDY LEAN CLAY (CL), low plasticity, 30% interbedded fine sand layers, gray Q <sub>p</sub> =0.5,0.25,0.25 tsf; S <sub>v</sub> =3.0,2.0,2.0 tsf		
5									Q <sub>p</sub> =0.5,0.75 tsf; S <sub>v</sub> =2.5 tsf in bottom of U1		
7											
0		12	U1	24/24	18.0 - 20.0	PUSH	1.0				
16		20							S6: INTERBEDDED NARROWLY GRADED SAND (SP) & LEAN CLAY (CL), interbedded layers of low plasticity clay and fine sand, gray Q <sub>p</sub> =0.0.25 tsf; S <sub>v</sub> =2.5,3.5 tsf.		
12			S6	24/17	20.0 - 22.0	5-5-5-3	-1.0				
11											
11											
-5		15							S7: LEAN CLAY (CL), low plasticity, pockets of organic material, dark gray Q <sub>p</sub> =0.25,0.0 tsf; S <sub>v</sub> =2.0,5.0,5 tsf.	CLAY	
15		25	S7	24/24	24.0 - 26.0	WOR-WOR-WOR-WOH	-5.0				
12									Q <sub>p</sub> =0.25,0.25 tsf; S <sub>v</sub> =2.5 tsf in bottom of U2		
11			U2	24/24	26.0 - 28.0	PUSH	-7.0				
13											
-10		18									

**Remarks:**

Water level measured @ 0730hrs on 5/6/04.

Stratification lines represent approximate boundaries between soil types; transitions may be gradual.

\* Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.

# GEI Consultants, Inc.

1021 Main Street  
Winchester, MA 01890

**Project:** Rubb VII Warehouse  
Merrill's Marine Terminal

**Location:** S. Portland, ME

**Boring No.:**

**B-502**

<b>Client:</b> Merrill Marine Terminal Services, Inc.	<b>Boring Location:</b> See Plan	<b>Drilling Method:</b> CWB
<b>Driller:</b> Northeast Diamond Drilling, Inc.	<b>Ground Elevation (ft):</b> 19 (est.)	<b>Auger ID/OD:</b> N/A
<b>Operator:</b> J. O'Leary	<b>Datum:</b> MLW	<b>Casing ID/OD:</b> HW 4.0"/4.5"
<b>Logged By:</b> S. DiBartolo	<b>Total Depth (ft):</b> 72.4	<b>Sampler:</b> 2-1/2" O.D. Split Spoon
<b>Date Start/Finish:</b> 05/05/04-05/06/04	<b>Water Level Depth (ft):</b> 2.9	<b>Hammer Wt./Fall:</b> 140# Donut Hammer/ 30"

**ABBREVIATIONS:**

S = Split Spoon Sample	HSA = Hollow Stem Auger Boring	WOC = weight of casing	S <sub>u</sub> = Insitu Field Vane Shear Strength (psf)
A = Auger Sample	SSA = Solid Stem Auger Boring	WOR = weight of rods	S <sub>u(lab)</sub> = Lab Vane Shear Strength (psf)
U = Thin Wall Tube Sample	CWB = Cased Wash Boring	WOH = weight of 300lb. hammer	S <sub>v</sub> = Pocket Torvane Shear Strength (tsf)
C = Rock Core Sample	Open = Open Hole Boring	RQD = Rock Quality Designation	Q <sub>p</sub> = Pocket Penetrometer Unconfined Compressive Strength (tsf)
NV, BV = Rock Coring	Pen. = Penetration length	OMV = Organic Vapor Meter	ppm = parts per million
NA, NM = not Applicable, not Measured	Rec. = Recovery Length		

Elevation (ft.)	Casing Blow (/1ft.)	Depth (ft.)	Sample Information					Water Level*	Graphic Log	USCS Visual Descriptions and Remarks	Layer
			Sample No.	Pen./Rec. (in.)	Sample Depth (ft.)	Blows (/6 in.) Drill Times (min) or RQD (%)	Top Elevation (ft.)				
18	30									CLAY	
-15			U3	24/23	33.0 - 35.0	PUSH	-14.0				
22									S8: LEAN CLAY (CL), low plasticity, 5% fine sand, layers of fine to medium sand, dark gray Qp=0.75,0.25,0.25 tsf; Sv=1.5,2.0,3.5 tsf.		
24	35		S8	24/21	35.0 - 37.0	3-4-11-19	-16.0				
34											
46											
65											
-20									---39.0 FEET/ EL. -20.0 FEET---	SAND	
85											
81	40										
87											
70			S9	24/9	42.0 - 44.0	47-20-20-21	-23.0		S9: NARROWLY GRADED SAND WITH GRAVEL (SP), fine to medium sand, 35% gravel, <5% nonplastic silt, gray		
65											
-25											
67											
83	45										
77											
75									---46.5 FEET/ EL. -27.5 FEET---	CLAY	
67											
-30											
26			S10	24/24	49.0 - 51.0	3-2-4-5	-30.0		S10: LEAN CLAY (CL), low plasticity, 10% fine sand in lenses, gray Qp=0.25,0.25,0 tsf; Sv=2.0,2.0,1.5 tsf.		
28	50										
49			U4	24/22	51.0 - 53.0	PUSH	-32.0				
60											
54											
-35											
50	55										
52											
50											
51											
45											
-40											
62							-40.0		S11: SANDY LEAN CLAY (CL), low plasticity, 20% fine sand in clay matrix, lenses		

**Remarks:**  
Water level measured @ 0730hrs on 5/6/04.

<b>GEI Consultants, Inc.</b> 1021 Main Street Winchester, MA 01890		<b>Project:</b> Rubb VII Warehouse Merrill's Marine Terminal	<b>Boring No.:</b> <b>B-502</b>
<b>Client:</b> Merrill Marine Terminal Services, Inc.		<b>Boring Location:</b> See Plan	<b>Drilling Method:</b> CWB
<b>Driller:</b> Northeast Diamond Drilling, Inc.		<b>Ground Elevation (ft):</b> 19 (est.)	<b>Auger ID/OD:</b> N/A
<b>Operator:</b> J. O'Leary		<b>Datum:</b> MLW	<b>Casing ID/OD:</b> HW 4.0"/4.5"
<b>Logged By:</b> S. DiBartolo		<b>Total Depth (ft):</b> 72.4	<b>Sampler:</b> 2-1/2" O.D. Split Spoon
<b>Date Start/Finish:</b> 05/05/04-05/06/04		<b>Water Level Depth (ft):</b> 2.9	<b>Hammer Wt./Fall:</b> 140# Donut Hammer/ 30"

**ABBREVIATIONS:**  
 S = Split Spoon Sample      HSA = Hollow Stem Auger Boring      WOC = weight of casing       $S_u$  = Insitu Field Vane Shear Strength (psf)  
 A = Auger Sample            SSA = Solid Stem Auger Boring      WOR = weight of rods       $S_u(\text{lab})$  = Lab Vane Shear Strength (psf)  
 U = Thin Wall Tube Sample    CWB = Cased Wash Boring      WOH = weight of 300lb. hammer       $S_v$  = Pocket Torvane Shear Strength (tsf)  
 C = Rock Core Sample        Open = Open Hole Boring      RQD = Rock Quality Designation       $Q_p$  = Pocket Penetrometer Unconfined Compressive Strength (tsf)  
 NV, BV = Rock Coring        Pen. = Penetration length      OVM = Organic Vapor Meter  
 NA, NM = not Applicable, not Measured      Rec. = Recovery Length      ppm = parts per million

Elevation (ft.)	Casing Blow (1ft.)	Depth (ft.)	Sample Information					Water Level*	Graphic Log	USCS Visual Descriptions and Remarks	Layer
			Sample No	Pen./Rec. (in.)	Sample Depth (ft.)	Blows (6 in.) Drill Times (min) or RQD (%)	Top Elevation (ft.)				
55	60		S11	24/24	59.0 - 61.0	6-6-1-3			of fine sand, gray	CLAY	
35			U5	24/0	61.0 - 63.0	PUSH	-42.0				
4											
59											
-45									-----63.5 FEET/ EL. -44.5 FEET-----		
	65		S12	24/24	64.0 - 66.0	9-9-7-7	-45.0		S12: SANDY LEAN CLAY (CL), low plasticity, 25% fine sand in clay matrix, lenses of fine sand, gray $Q_p=0.75, 0.0, 0.25$ tsf; $S_v=2.0, 1.5, 1.0$ tsf.	SANDY CLAY	
-50											
	70										
			S13	17/17	71.0 - 72.4	WOH-2-50/5"	-52.0		S13A (0-11"): SANDY LEAN CLAY (CL), similar to S12 $Q_p=0.5$ tsf; $S_v=3.5$ tsf.		
							-53.4		-----71.9 FEET/ EL. -52.9 FEET-----		
-55									S13B (11-17"): SANDY LEAN CLAY WITH GRAVEL (CL), low plasticity, 35% gravel, 10% fine sand, gray (TILL) BOTTOM OF BOREHOLE, 72.4 FEET/ EL. -53.4 FEET.	TILL	
-60											
	80										
-65											
	85										
-70											

**Remarks:**  
 Water level measured @ 0730hrs on 5/6/04.

# **Appendix B**

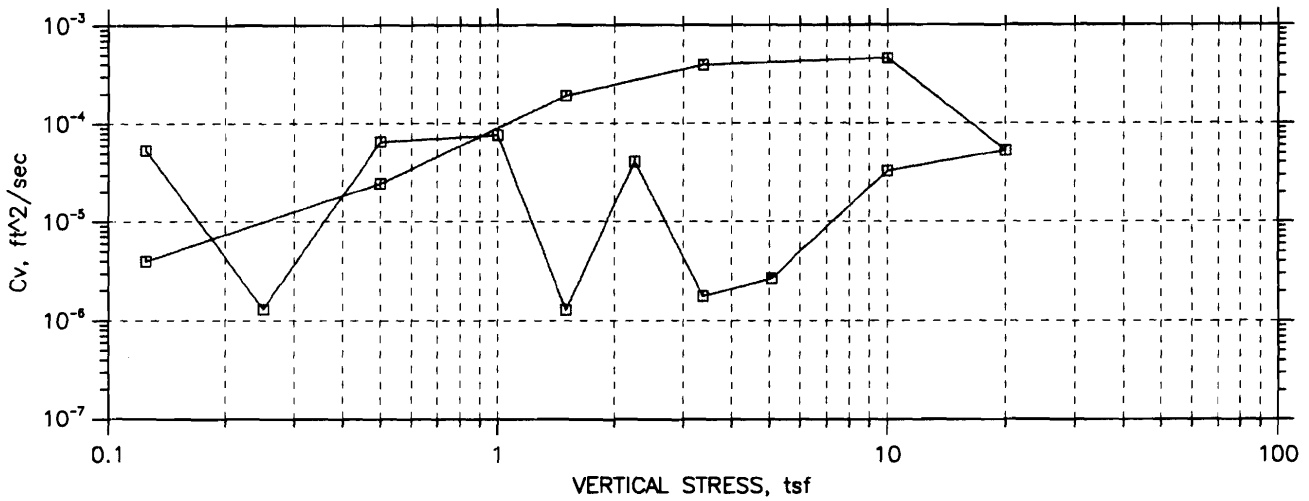
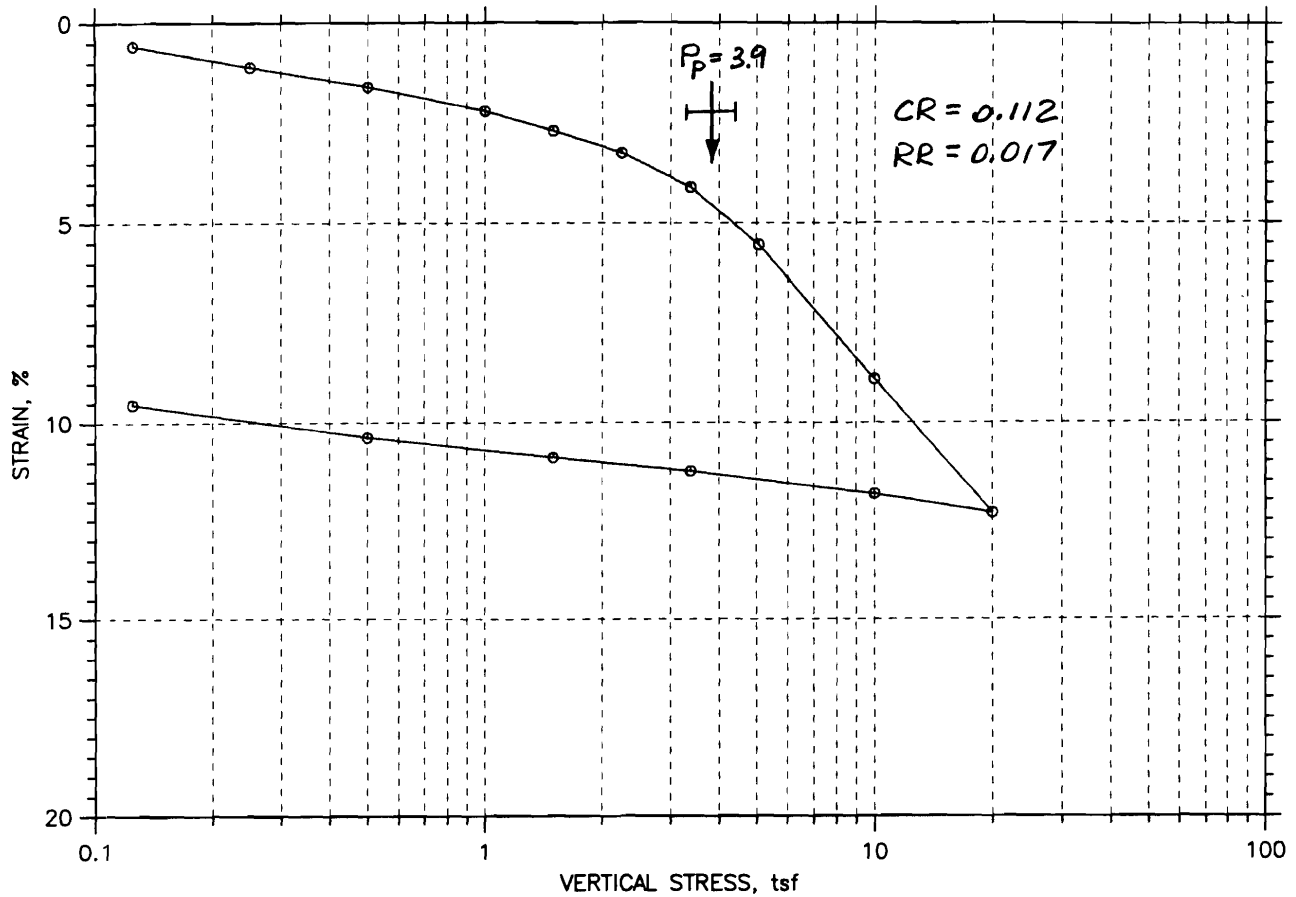
---

## **Consolidation Tests**



# CONSOLIDATION TEST DATA

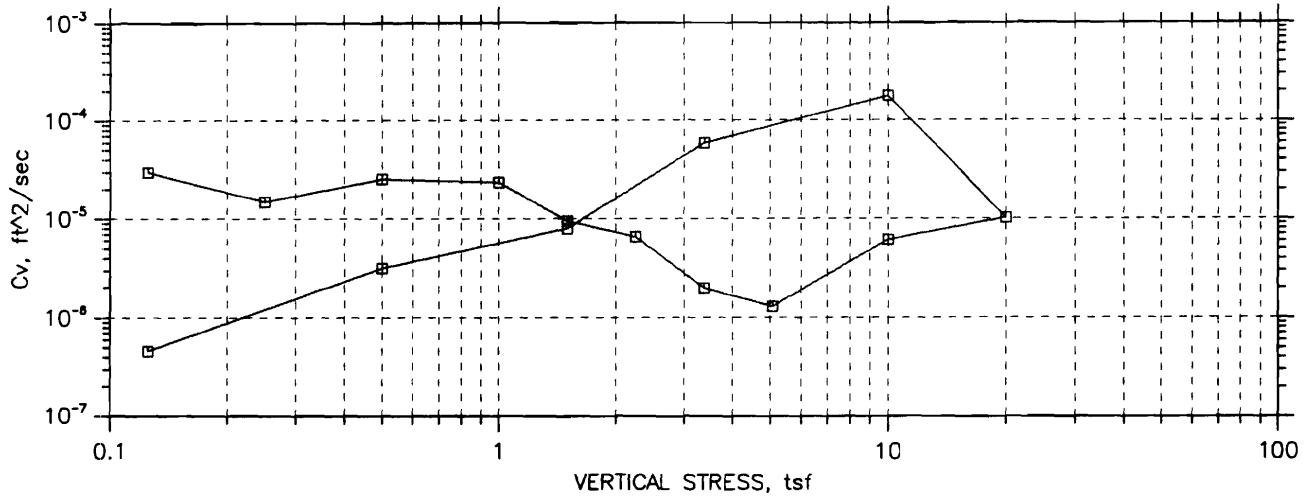
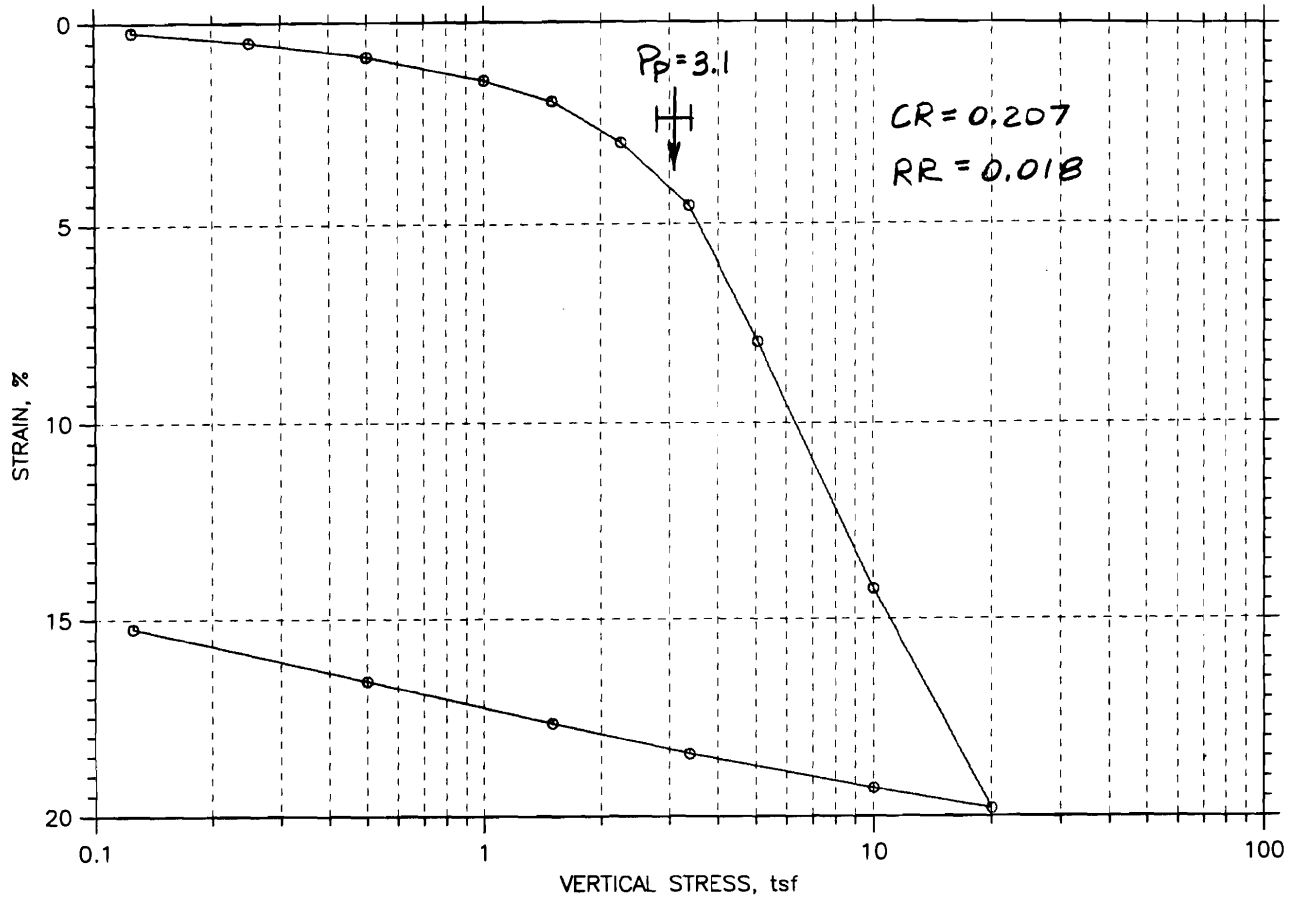
## SUMMARY REPORT



Project: Merrill Marine Terminal	Location: RUBB VII Warehouse	Project No.: 04082-2
Boring No.: B-502	Tested By: D. Aghjayan	Checked By:
Sample No.: U3	Test Date: 05/14/04	Depth: 33.4 ft
Test No.: C2	Sample Type: Tube	Elevation: -14.4
Description: Lean CLAY, some fine sand, dark gray		
Remarks: Initial water content = 22.4%		

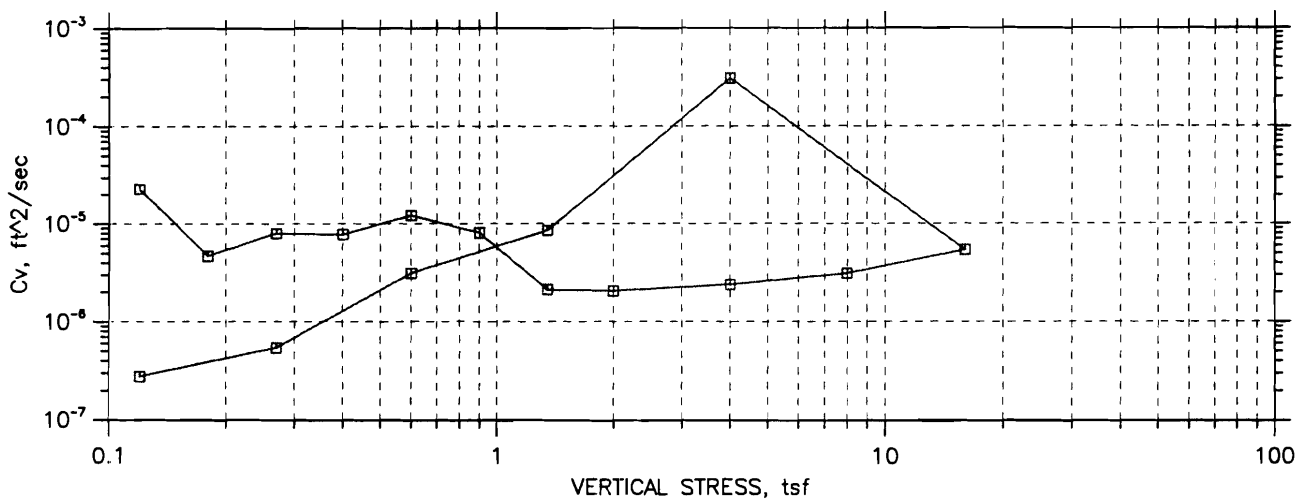
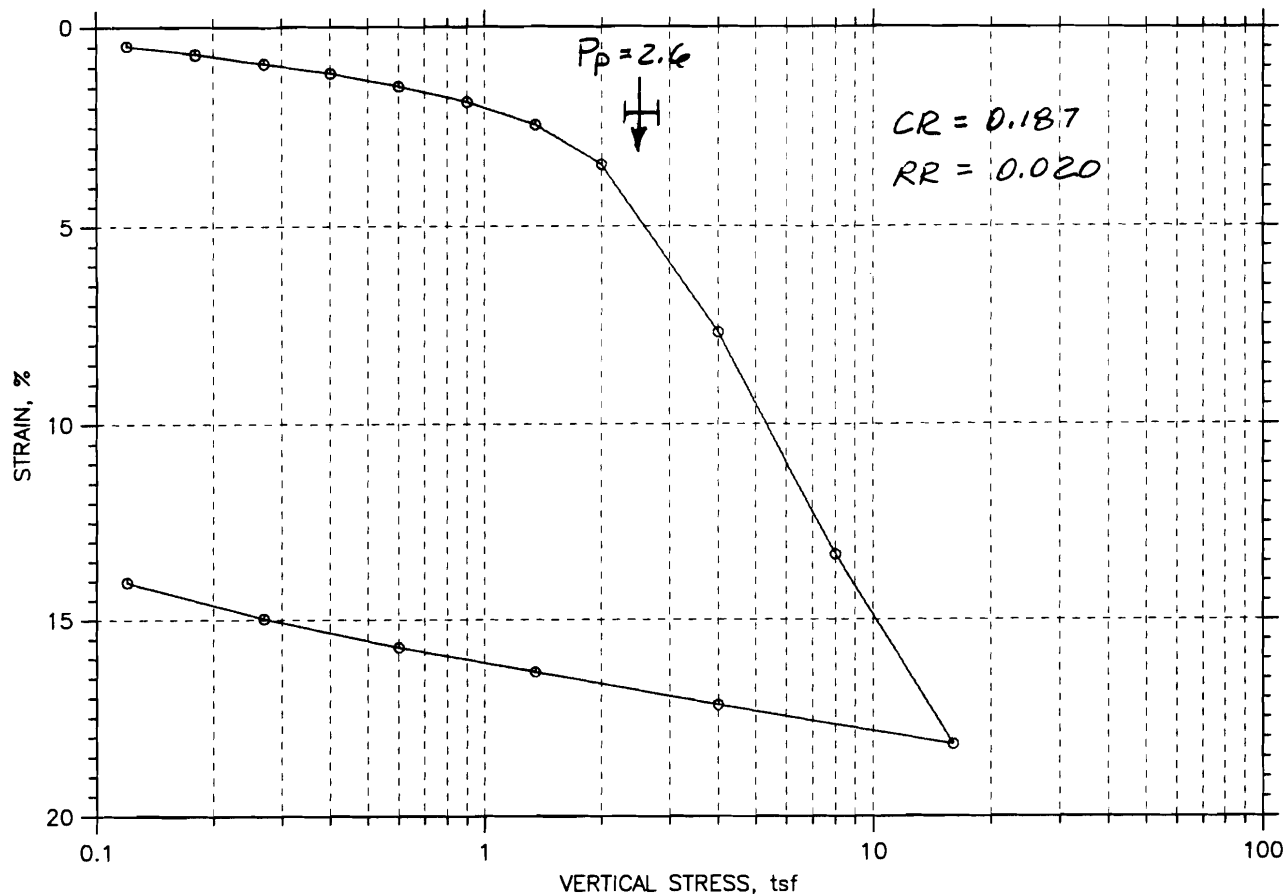
# CONSOLIDATION TEST DATA

## SUMMARY REPORT



Project: Merrill Marine Terminal	Location: RUBB VII Warehouse	Project No.: 04082-2
Boring No.: B-501	Tested By: C. Wheeler	Checked By:
Sample No.: U4	Test Date: 05/18/04	Depth: 32.4 ft
Test No.: C3	Sample Type: Tube	Elevation: -16.4
Description: Lean gray CLAY		
Remarks: <i>Initial water content = 35.21 %</i>		

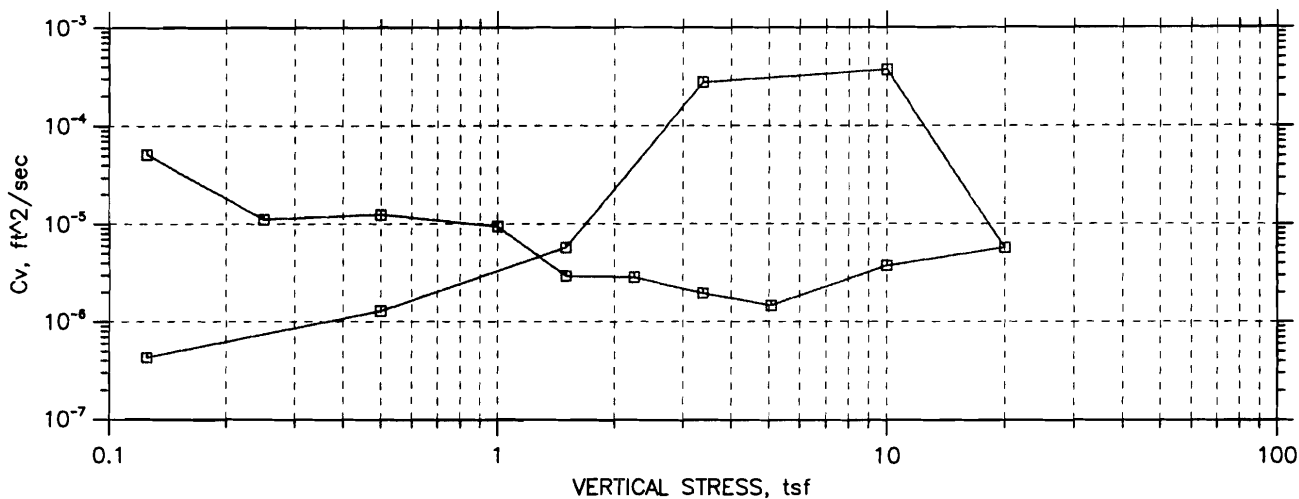
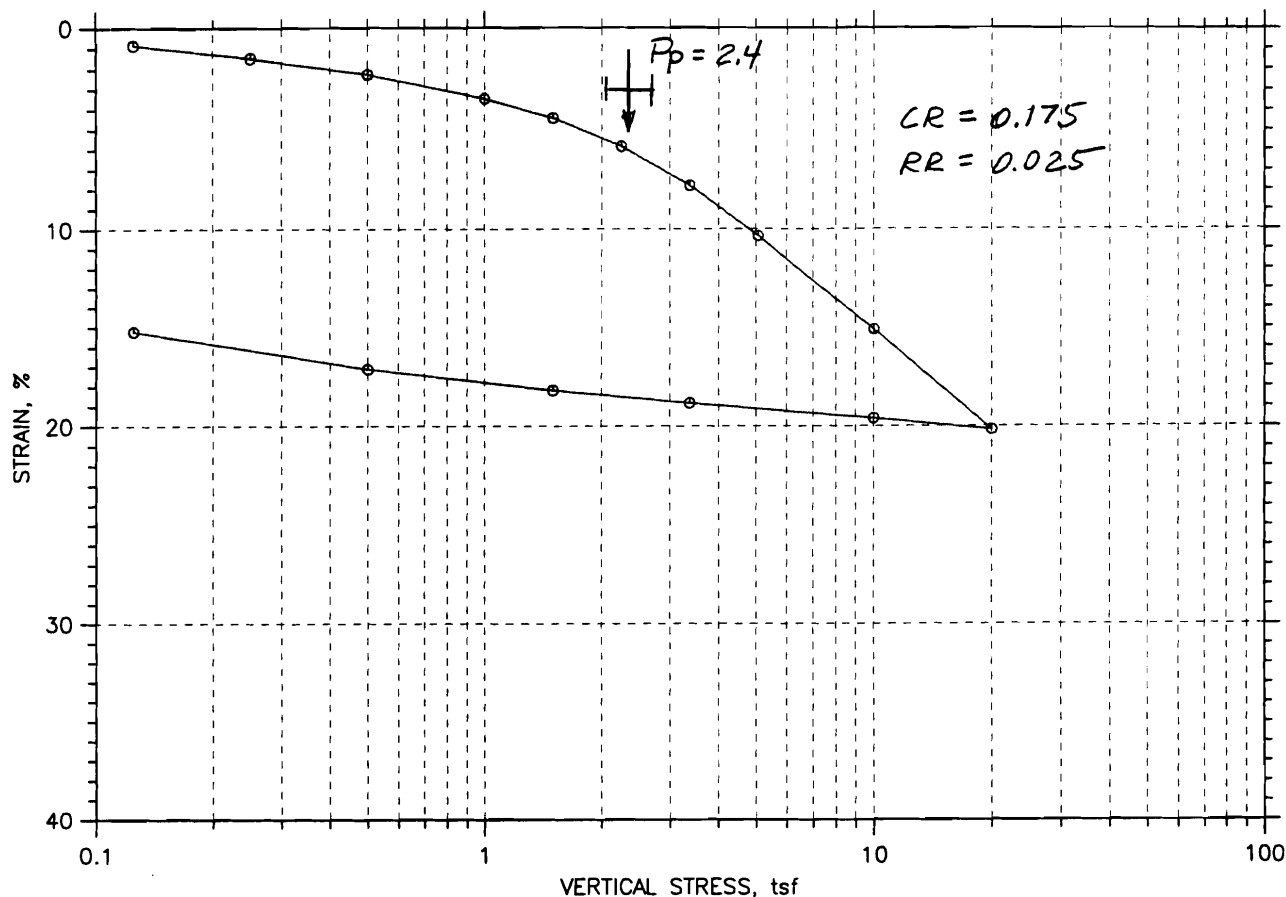
## CONSOLIDATION TEST DATA SUMMARY REPORT



Project: Merrill Marine Terminal	Location: RUBB VII Warehouse	Project No.: 04082-2
Boring No.: B-501	Tested By: D. Aghjayan	Checked By:
Sample No.: U2	Test Date: 05/19/04	Depth: 21.7 ft
Test No.: C4	Sample Type: Tube	Elevation: -5.7
Description: Organic SILT, trace fine sand, dark gray		
Remarks: <i>Initial water content = 31.33%</i>		

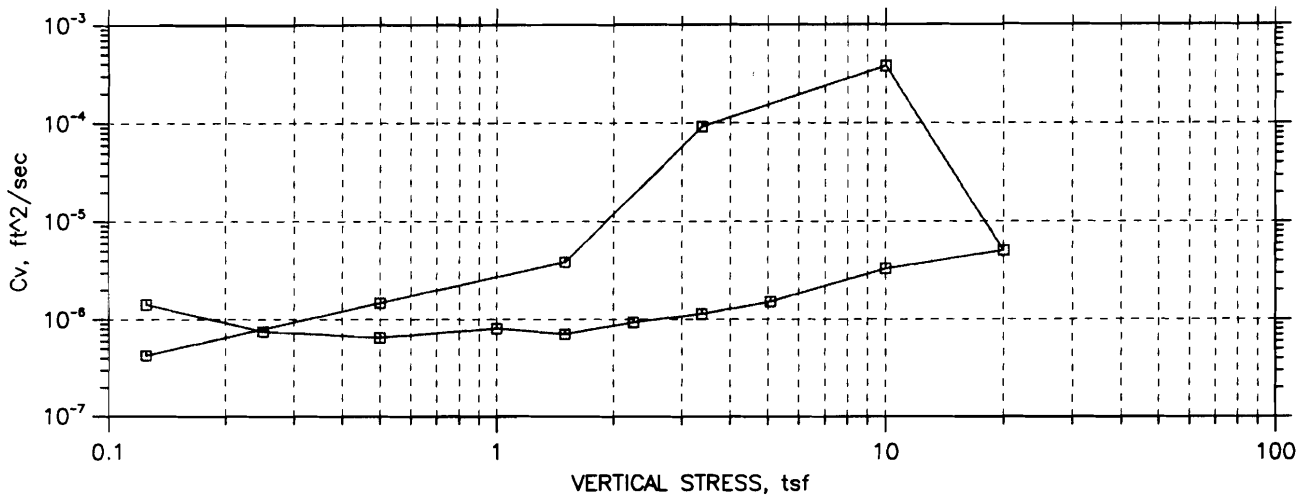
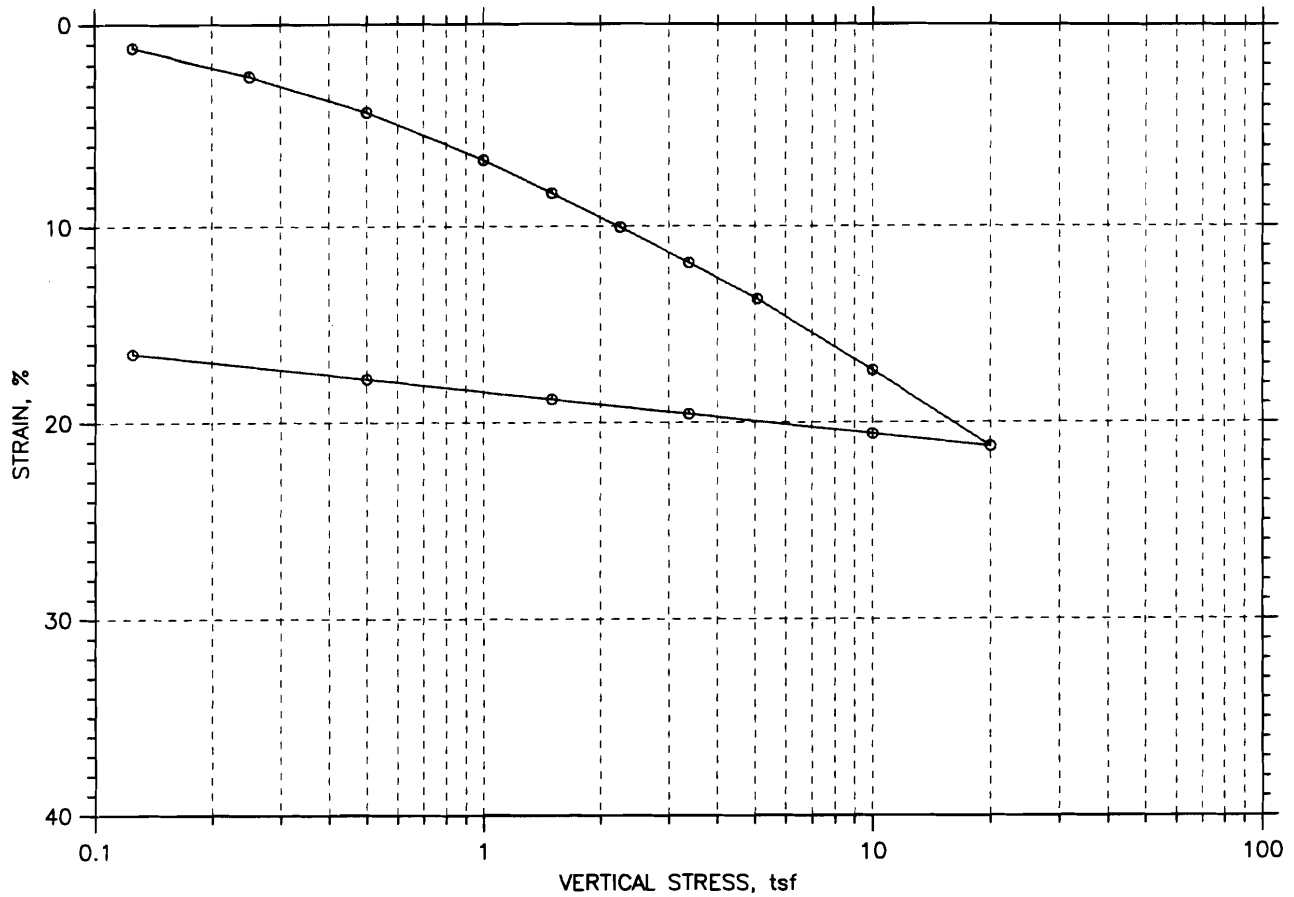
# CONSOLIDATION TEST DATA

## SUMMARY REPORT



Project: Merrill Marine Terminal	Location: RUBB VII Warehouse	Project No.: 04082-2
Boring No.: B-501	Tested By: D. Aghjayan	Checked By:
Sample No.: U1	Test Date: 05/24/04	Depth: 16.7 ft
Test No.: C5	Sample Type: Tube	Elevation: -0.7
Description: Organic SILT, trace fine sand, dark gray		
Remarks: <i>Initial water content = 33.30 %</i>		

## CONSOLIDATION TEST DATA SUMMARY REPORT



Project: Merrill Marine Terminal	Location: RUBB VII Warehouse	Project No.: 04082-2
Boring No.: B-502	Tested By: D. Aghjayan	Checked By:
Sample No.: U4	Test Date: 05/17/04	Depth: 51.7 ft
Test No.: C1	Sample Type: Tube	Elevation: -32.7 ft
Description: Lean Silty CLAY, gray		
Remarks: Tube cutting edge damaged. Specimen appeared to be disturbed.		
<i>Initial water content = 33.85%</i>		

# DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

## BUILDING INSPECTION PERMIT

PERMIT ISSUED  
Permit Number: 051352  
OCT 21 2005  
CITY OF PORTLAND

This is to certify that MERRILL INDUSTRIES INC Owner

has permission to install a new 54' x 8' sign

AT 601 DANFORTH ST

072 A003001

provided that the person or persons who accept this permit shall comply with the provisions of the Statutes of the State and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on 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 when permission is procured before this building or part thereof is occupied or otherwise closed-in. 24 HOUR NOTICE REQUIRED.

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

### OTHER REQUIRED APPROVALS

Fire Dept. \_\_\_\_\_

Health Dept. \_\_\_\_\_

Appeal Board \_\_\_\_\_

Other \_\_\_\_\_  
Department Name

*[Signature]*  
10/21/05  
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 ISSUED**

Permit No: 05-1352	Issue Date:	UBL: 072 A003001
-----------------------	-------------	---------------------

Location of Construction: 601 DANFORTH ST	Owner Name: MERRILL INDUSTRIES INC	Owner Address: 601 DANFORTH ST	Phone:
Business Name:	Contractor Name: Owner	Contractor Address:	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: Signs - Permanent	Zone: WPDZ

Past Use: Commercial/ Merrill IND	Proposed Use: Commercial/ install a new 54' x 8' sign	Permit Fee: \$894.00	Cost of Work: \$894.00	CEO District: 3
--------------------------------------	--	-------------------------	---------------------------	--------------------

Proposed Project Description: install a new 54' x 8' sign	FIRE DEPT: <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Denied <i>N/A</i>	INSPECTION: Use Group: U Type: Sign IBC 2003
	Signature:	Signature:

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		
Action: <input type="checkbox"/> Approved	<input type="checkbox"/> Approved w/Conditions	<input checked="" type="checkbox"/> Denied
Signature:	Date:	

Permit Taken By: ldobson	Date Applied For: 09/16/2005	<b>Zoning Approval</b>		
-----------------------------	---------------------------------	------------------------	--	--

<ol style="list-style-type: none"> <li>This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</li> <li>Building permits do not include plumbing, septic or electrical work.</li> <li>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..</li> </ol>	<b>Special Zone or Reviews</b> <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"/> <i>OK ABU</i> Date: <i>10/23/05</i>	<b>Zoning Appeal</b> <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:	<b>Historic Preservation</b> <input checked="" type="checkbox"/> Not in District or Landmark <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 <i>JPM</i> Date:
---	--	---	---

### 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

<b>Permit No:</b> 05-1352	<b>Date Applied For:</b> 09/16/2005	<b>CBL:</b> 072 A003001
------------------------------	--	----------------------------

<b>Location of Construction:</b> 601 DANFORTH ST	<b>Owner Name:</b> MERRILL INDUSTRIES INC	<b>Owner Address:</b> 601 DANFORTH ST	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Owner	<b>Contractor Address:</b>	<b>Phone:</b>
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Signs - Permanent	

<b>Proposed Use:</b> Commercial/ install a new 54' x 8' sign	<b>Proposed Project Description:</b> install a new 54' x 8' sign
---	---

<b>Dept:</b> Zoning	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Ann Machado	<b>Approval Date:</b> 10/03/2005
<b>Note:</b>	<b>Ok to Issue:</b> <input checked="" type="checkbox"/>		
1) It is our understanding that the new sign is replacing the old sign which will be taken down.			
<b>Dept:</b> Building	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Tammy Munson	<b>Approval Date:</b> 10/21/2005
<b>Note:</b>	<b>Ok to Issue:</b> <input checked="" type="checkbox"/>		
1) Signage Installation to comply with Chapter 31 of the IBC 2003 building code.			





# TELEFAX

<b>COMPANY:</b>	City of Portland / Inspection Office
<b>ATTN:</b>	Ms. Tammy Munson
<b>FROM:</b>	Jim Chadbourne
<b>FAX NO:</b>	1-207-874-8716
<b>NO. SHEETS:</b>	6
<b>REF:</b>	Merrill Marine Sign Permit Application
<b>DATE:</b>	October 20, 2005


**RUBB INC.**  
 One Rubb Lane  
 P.O. Box 711  
 Sanford, ME 04073  
 Tel: (207) 324-2877  
 Fax: (207) 324-2347  
 E-mail:  
 jchadbourne@rubbusa.com

Dear Tammy,

It was nice speaking with you this afternoon regarding the proposed sign for Merrill's Marine Terminal. As we discussed, the sign material is a thin film and the attachment method is actually a peel and stick application. In essence, it is an applied logo to the building's sidewall cladding.

I have sent all the test material from 3M that pertains to the Scotchcal 220 material. The pertinent flammability data can be found on page 4 of the document. Should you have any questions, please feel free to contact me at 1-207-324-2877.

Best regards,  
 Rubb, Inc.



Jim Chadbourne  
 Sales Manager

Cc: P.D. Merrill



CERTIFICATE No. 08974897

**Product Bulletin 220**

Release H, Effective June, 2001  
 Black bar in margin indicates a change

**3M**  
**Scotchcal™**  
**Film Series 220**

**Description**

**Advantages**

- Designed for electronic cutting
- Gerber EDGE READY™
- Durable, dimensionally-stable, cast vinyl film
- Withstands severe weather and handling conditions
- Wide range of glossy colors
- 3M™ Scotchcal™ Film 220-114 (clear) is enamel paint receptive
- Matte finish available in white, black, red and blue
- Clear, pressure sensitive adhesive

**Applications and End Uses**

Film series 220 is a custom-formulated, cast vinyl film. It is available exclusively through Gerber Scientific Products and its network of distributors worldwide. This film is intended for making permanent, durable graphics when used with the listed Compatible Products in the following applications. These applications are warranted by the 3M™ MCS™ Warranty.

- Prespaced, electronically-cut graphics
- Commercial and industrial applications, including emblems, vehicle graphics, labels, striping, general signage, two way signage
- Graphics applied to flat surfaces with and without rivets, or simple curved surfaces

**Limitations of End Uses**

We do not normally warrant other applications, but please contact us to discuss your needs or let us suggest other 3M products.

Specifically, we do not warrant this film for the following:

- Application to corrugated surfaces or surfaces with compound curves
- Markings subjected to gasoline vapors or spills
- Backlit signage (use 3M™ Scotchcal™ Translucent Film Series 230 instead)
- Thermoforming
- Graphics made for automotive Original Equipment Manufacturers (OEM); contact 3M Automotive Division at 800-328-1684, Ext. 444 for alternatives

**Compatible Products**

- 3M™ Panaflex™ Awning and Sign Facing Series 945 GPS
- 3M™ Panaflex™ Enhanced Image Sign Facing Series 645EI

**Product Line**

This information is subject to change. Be sure this is the most current Product Bulletin. See 3M Related Literature at the end of this bulletin.

Property	Description
Film	2 mil, opaque (except 220-114) cast vinyl
Colors	See page 2
Thickness (film and adhesive)	2.5 to 3.5 mil (0.063 to 0.09 mm)
Adhesive	Clear, pressure sensitive
Liner	78 pound white kraft liner
Minimum application temperature	40°F (4°C)
Application surfaces	For flat surfaces with and without rivets, or simple curved surfaces
Application substrates	Flexible signage, glass, metal, acrylic, polycarbonate, fiberglass, painted surfaces
Removability	Permanent

Note: Films with clear adhesive have less hiding power, which should be considered when selecting and preparing a substrate.

<b>Colors</b>					
220-10	White	220-77	Peacock Blue	220-253	Warm Red
220-11	Pearl Gray	220-86	Robin Egg Blue	220-263	Perfect Match Red
220-12	Black	220-87	Royal Blue	220-266	Cactus Green
220-13	Tomato Red	220-88	Violet	220-273	Process Magenta
220-14	Bright Orange	220-89	Sandstone	220-276	Bottle Green
220-15	Bright Yellow	220-90	Antique White	220-283	Cranberry
220-17	Vivid Blue	220-94	Coral	220-286	Jade Green
220-19	Deep Mahogany Brown	220-96	Teal	220-293	Atomic Red
220-20	Matte White	220-98	Dark Violet	220-296	Eucalyptus
220-21	Palm Oyster	220-99	Fawn	220-307	Dark Aqua
220-22	Matte Black	220-100	Oyster	220-347	Powder Blue
220-24	Terra Cotta	220-101	Nimbus Gray	220-357	Bermuda Blue
220-25	Sunflower	220-103	Magenta	220-367	Celestial Blue
220-27	Navy	220-104	Dark Coral	220-377	Blue Bird
220-29	Russet Brown	220-105	Imitation Gold	220-387	Periwinkle
220-31	Medium Gray	220-114	Clear Enamel Receptive	220-397	Dark Blue
220-37	Sapphire Blue	220-130	Eggshell	220-407	Matte Blue
220-38	Royal Purple	220-133	Raspberry	220-417	Sky Blue
220-39	Tan	220-134	Intense Orange		
220-41	Dark Gray	220-135	Primrose Yellow		<b>Metallic Colors</b>
220-46	Kelly Green	220-138	Pale Lavender	220-120	Silver
220-47	Intense Blue	220-139	Saddle Brown	220-131	Gold
220-48	Purple	220-145	Chrome Yellow	220-201	Slate
220-49	Beige	220-151	Traffic Gray	220-206	Pine Green
220-53	Cardinal Red	220-163	Dark Magenta	220-208	Burgundy
220-54	Light Orange	220-173	Salmon Pink	220-209	Dark Brown
220-56	Dark Green	220-176	Aqua	220-211	Charcoal
220-57	Olympic Blue	220-177	Shadow Blue	220-216	Sage Green
220-58	Burgundy	220-186	Bright Green	220-217	Dark Blue
220-63	Geranium	220-187	Wedgewood Blue	220-218	Light Rose
220-64	Apricot	220-193	Mauve	220-227	Bright Blue
220-66	Forest Green	220-196	Apple Green	220-229	Copper
220-68	Dark Burgundy	220-197	Light Navy	220-231	Light Gold
220-69	Duranodic	220-223	Matte Red	220-237	Silver Blue


Note: For the full product names of the 3M products listed on this page, please see page 1.


### Effective Performance Life

The effective performance life for film series 220 is based on field experience and exposure tests conducted throughout the United States. When the graphics are processed and used according to 3M recommendations, they should have the performance life shown in the charts below. The actual performance depends on the following conditions.

- Selection and preparation of the substrate
- Application methods
- Exposure conditions
- Cleaning methods

### Warranted Durability

Scotchcal Film Series 220	Vertical Exposure face of graphic is vertical 90° ± 10° 	
	U.S. 1, 4 years	S.W. 2, 4 years
<b>Signs Only</b>		
<b>Solid colors, except metallic colors and clear</b>		
Unprinted, applied to first surface	7	5
Unprinted, applied to second surface	7	5
<b>Vehicles Only</b>		
<b>Solid colors, except metallic colors and clear</b>		
Unprinted, applied to first surface	8	5
Unprinted, applied to second surface	8	5
<b>Signs and Vehicles</b>		
<b>Metallic colors 220-120, -131, -201, -206, -208, -209, -211, -216, -217, -218, -227, -229, -231, -237</b>		
<b>Clear 220-114</b>		
Unprinted, applied to first surface	5	3
Unprinted, applied to second surface	5	3

Scotchcal Film Series 220	Non-Vertical Exposure <sup>3</sup> face of graphic is greater than 10° from vertical 	
	U.S. 1, 4 years	S.W. 2, 4 years
Solid colors 220-10, -12, -20, -22 and -11, -13, -14, -15, -53	5	0
Unprinted, applied to first surface	5	0

- <sup>1</sup> For the warranty periods outside the United States, contact Gerber Scientific Products.
- <sup>2</sup> The United States Desert Southwest area includes Arizona, New Mexico, and the desert areas of California, Nevada, Utah, and Texas. A detailed map is available by request.
- <sup>3</sup> Non-vertical applications can be used to identify commercial vehicles from the air. Non-vertical applications expose the film to the maximum effect from sunlight and the environment. There are ink and film restrictions for horizontal applications. The film may change color, lose gloss, and chalk. The following performance statements assume that only legibility is required.
- <sup>4</sup> Unprinted films 220-20, -163, -263, -273, and -286 may chalk with age. This is considered normal and acceptable wear.

### Fabrication

This Bulletin does not contain detailed processing or application procedures. Refer to the 3M Related Literature on page 4 section for further information.

### Minimum Cutting Heights

Based on cutting and weeding evaluations that used Helvetica medium upper case, the recommended minimum cutting height for text is 0.375 inch (0.95 cm). Because of the differences in electronically-controlled cutting equipment and font characteristics, users should determine their own cutting and weeding capability.

These factors can affect cutting quality and ability:

- **Sharpness of the knife blade.** Dull blades create a serrated look to the cut edge of the film.
- **Weight on the knife blade.** The ideal weight slightly scores the liner. Too little weight does not cut completely through the film and the adhesive. Excessive weight cuts the liner. It also causes the blade to drag, accelerating wear and eventually creating a serrated cut edge on the film.
- Temperature and relative humidity are minor considerations, but avoid extreme or rapidly fluctuating conditions.
- Store the film in the same environment as the cutting equipment.
- Consider the stroke width of characters, style of serifs or extensions, and small details of scanned or digitized artwork.
- The minimum recommended stroke width is 0.040 inch (1.0 mm) when film is exposed to cleaning or other physical stress.

Note: For the full product names of the 3M products listed on this page, please see page 1.

## Printing

Film series 220 is designed for use with the Gerber Digital Imaging systems and is compatible with GerberColor™: GCP (Process); GCS (Spot); GCT (Transparent); GCM (Medal); GCX (Special Effects); and GCF (Finishing) Series Foils.

## Application Tape

The application tape to use depends on the type of graphic produced. See Instruction Bulletin 4.3 for details.

- For graphics that have a large amount of exposed liner, and/or small letters and/or narrow stroke width, use 3M™ Prespacing Tape SCPS-2.
- For graphics that have very little exposed liner, and/or large letters, and/or wide stroke width, use 3M™ Pre-masking Tape SCPM-3.

## Shelf Life, Storage, and Shipping

Follow these guidelines to store and ship film series 220 and the processed graphics.

- Unprocessed film has a shelf life of 2 years after receipt from 3M. Processed film has a shelf life of 1 year. However, the total shelf life of a graphic before and after processing cannot exceed 2 years.
- Store the film in a clean, dry area, out of the direct sunlight, and at less than 100°F (38°C).
- Ship the finished graphic lying flat or in a roll. To roll the graphic, wrap it film-side out onto a core that is 5 inches (13 cm) or larger in diameter. These methods prevent the liner from wrinkling or graphics from popping off.

## Product Data

The values given are typical for film series 220 and are not for use in specifications. The data given below are for film as purchased from 3M.

### Physical Properties

Property	English Units	Metric Units
Tensile strength (minimum)	5 pound/inch at 73°F	0.9 kg/cm at 23°C
Applied shrinkage	0.008 inch	0.2 mm
Service temperature range	-40° to +225°F	-40° to +107°C
Reverse impact resistance	No cracking at 73°F or 40°F	No cracking at 23°C or 4°C

## Adhesive Characteristics

(24 hours after application)

Material	English Units pounds/inch	Metric Units kg/cm
Acrylic	4	0.7
Acrylic enamel	4	0.7
Alodine aluminum	8	1.4
Chrome plating	5	0.9
Fruehauf prepainted panels	4	0.7
Polycarbonate	4	0.7
Urethane paints	4	0.7

## Chemical Resistance Characteristics

- Resists mild acids, alkalis, and salts
- Excellent water resistance

## Flammability

Film 220-10 has been tested for flame spread per ASTM E84-95, "Surface Burning Characteristics of Building Materials," and meets the requirements of National Fire Protection Association Class A (1) (most fire-resistant class) as defined in NFPA 101, "Life Safety Code."

## Health and Safety

### Caution

When handling any chemical products, read the manufacturers' container labels and the Material Safety Data Sheets (MSDS) for important health, safety and environmental information.

To obtain MSDS sheets for 3M products:

- By fax, call 1-800-364-0768 in the US and Canada or 1-650-556-8417 for all other locations.
- Electronically, visit us at <http://www.3M.com>, then select MSDS search.
- By mail, or in case of an emergency, call 1-800-364-3577 or 1-651-737-6501.

When using any equipment, always follow the manufacturers' instructions for safe operation.

## Warranty and Limited Remedy

The following is made in lieu of all other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose: Film series 220 is warranted to be free of defects in materials and manufacture at the time of shipment and to meet the specifications stated in this Product Bulletin. 3M will replace or refund the price of any 3M materials that do not meet this warranty within the specified time periods. See the worldwide 3M™ MCS™ Warranty bulletin, which gives the terms and limitations of the warranty.

These remedies are exclusive. In no case shall 3M be liable for any direct, indirect, or consequential damages, including any labor or non-3M materials charges.

## 3M Related Literature

Listed below is related 3M technical literature that may be of interest. You may view and print these Bulletins from our website at [www.scotchprintgraphics.com](http://www.scotchprintgraphics.com), or order them via our Fax-on-Demand (FOD) system. Call one of these phone numbers to order the desired bulletins, and specify the FOD document number provided in the chart.

United States or Canada: 1-800-364-0768  
International: 1-651-732-6506

Subject	Bulletin No.	FOD No.
3M™ Panaflex™ Enhanced Image Sign Facing 645EI	645	4001
3M™ Panaflex™ Awning and Sign Facing 945 GPS	945	4006
3M™ Scotchcal™ Translucent Film Series 230	230	3002
Design of graphics	2.1	5501
Using 3M application tapes, premasking and prespacing for films and sheetings	4.3	6503
Application, substrate selection, preparation and substrate-specific application	5.1	7001
Application, general procedures for interior and exterior dry applications	5.5	7005
Storage, handling, maintenance, removal	6.5	8505
Worldwide 3M™ MCS™ Warranty Packet (includes all Commercial Graphics MCS Warranties)		9503
Worldwide 3M™ MCS™ Warranty Overview-Folder		9504
3M™ MCS™ Graphics Warranty for Panaflex Awning and Sign Facings (includes overview)		9507

EDGE READY and GerberColor are trademarks of Gerber Scientific Products.

## 3M

Commercial Graphics Division  
3M Center, Building 220-6W-06  
PO Box 33220  
St. Paul, MN 55133-3220 USA  
General Info. 1-800-374-6772  
Technical Info. 1-800-328-3908  
Fax 1-651-736-4233

Fax-on-Demand 1-800-364-0768 US/Canada or 1-651-732-6506 International  
Fax-on-Demand document: 3019  
[www.scotchprintgraphics.com](http://www.scotchprintgraphics.com)

3M Canada  
P.O. Box 5757  
London, Ontario  
Canada N6A 4T1  
1-800-265-1840  
Fax 519-452-6245

3M México, S.A. de C.V.  
Av. Santa Fe No. 55  
Col. Santa Fe, Del. Alvaro Obregón  
México, D.F. 01210  
52-5-270-0400  
Fax 52-5-270-2277

3M Puerto Rico, Inc.  
Puerto Rico Industrial Park  
P.O. Box 100  
Carolina, PR 00986-0100  
787-620-3000  
Fax 787-750-3035

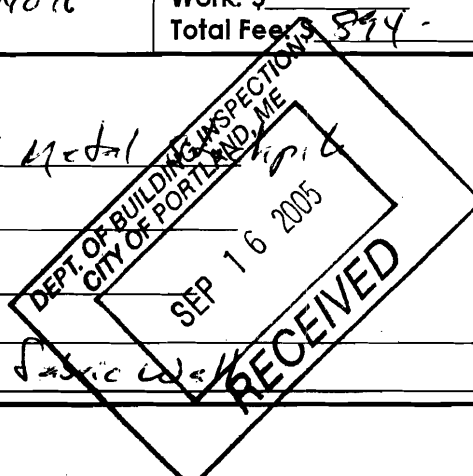
©3M 2001. All rights reserved.

Product Bulletin 220 - 5

# Signage/Awning Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: <u>93 Cassidy Drive</u>		
Total Square Footage of Proposed Structure <u>51,400</u>	Square Footage of Lot <u>1,263 240 / 75,600</u>	
Tax Assessor's Chart, Block & Lot Chart# <u>072A003</u> Block# <u>M.p. 72</u> Lot# <u>3A 7A 15A</u>	Owner: <u>Merrill Industries Etc</u>	Telephone: <u>846-0100</u>
Lessee/Buyer's Name (If Applicable) <u>SPRAGUE ENERGY</u> <u>93 Cassidy Drive</u> <u>Portland, ME 04106</u>	Applicant name, address & telephone: <u>MERRILL INDUSTRIAL</u> <u>P.O. Merrill</u> <u>114 Eben Hill Rd</u> <u>Yermouth, ME 04106</u>	Total s.f. of signage x \$2.00 per s.f. plus \$30.00/\$65.00 for H.D. signage = Total Fee: \$ <u>894</u> Awning Fee = Cost Of Work: \$ <u>-</u> Total Fee: \$ <u>894</u>
Current use: <u>CARGO STORAGE SLAB</u>		
If the location is currently vacant, what was prior use: <u>Recycled Metal</u>		
Approximately how long has it been vacant: <u>-</u>		
Proposed use: <u>Paper corp storage</u>		
Project description: <u>Warehouse</u> <u>PVC Fabric cemented to PVC fabric wall</u>		
Contractor's name, address & telephone:		
Whom should we contact when the permit is ready: <u>P.O. Merrill</u>		
Mailing address: <u>114 Eben Hill Rd</u> <u>Yermouth, ME 04106</u>		
We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Plan Reviewer. <b>A STOP WORK ORDER will be issued and a \$100.00 fee if any work starts before the permit is picked up.</b> PHONE: <u>846 0100</u>		



**IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT. WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.**

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

Signature of applicant: 	Date: <u>15 September 2005</u>
---	--------------------------------

**This is NOT a permit, you may not commence ANY work until the permit is issued.**

# SIGNAGE/AWNING PRE-APPLICATION QUESTIONNAIRE

PLEASE COMPLETE ALL INFORMATION

ADDRESS: 93 Cassidy Drive ZONE: WD

CBL: \_\_\_\_\_

SINGLE TENANT LOT? YES  NO \_\_\_\_\_ MULTI TENANT LOT? YES \_\_\_\_\_ NO \_\_\_\_\_

MORE THAN ONE SIGN TOTAL WITH PROPOSED SIGN? YES  NO \_\_\_\_\_

## TENANT/ALLOCATED BUILDING SPACE FRONTAGE (FEET):

Length: \_\_\_\_\_ Height: \_\_\_\_\_

### INFORMATION ON PROPOSED SIGN(S):

FREESTANDING (e.g., pole) SIGN? YES \_\_\_\_\_ NO  DIMENSIONS PROPOSED: ~~8x54~~

BLDG. WALL SIGN? (attached to bldg) YES  NO \_\_\_\_\_ DIMENSIONS PROPOSED: 8x54 = 432 sf

### INFORMATION ON ALREADY EXISTING AND PERMITTED SIGN(S):

FREESTANDING (e.g., pole) SIGN? YES \_\_\_\_\_ NO  DIMENSIONS: \_\_\_\_\_

BLDG. WALL SIGN(attached to bldg)? YES  NO \_\_\_\_\_ DIMENSIONS: 316 sf

AWNING? YES \_\_\_\_\_ NO  DIMENSIONS: \_\_\_\_\_

LOT FRONTAGE (FEET): 500 ft ±

AWNING YES \_\_\_\_\_ NO  IS AWNING BACKLIT? YES \_\_\_\_\_ NO \_\_\_\_\_

HEIGHT OF AWNING: \_\_\_\_\_ LENGTH OF AWNING: \_\_\_\_\_ DEPTH: \_\_\_\_\_

IS THERE ANY COMMUNICATION, MESSAGE, TRADEMARK OR SYMBOL ON IT? YES \_\_\_\_\_ NO \_\_\_\_\_

IF YES, TOTAL S.F. OF PANELS WITH COMMUNICATIONS/MESSAGE/TRADEMARK/SYMBOL? \_\_\_\_\_ s.f.

**A SITE SKETCH AND BUILDING SKETCH SHOWING EXACTLY WHERE EXISTING AND NEW SIGNAGE IS LOCATED MUST BE PROVIDED. SKETCHES AND/OR PICTURES OF PROPOSED SIGNAGE ARE ALSO REQUIRED.**

SIGNATURE OF APPLICANT:  DATE: 8/15/08

\*\*\*\*\* FOR OFFICE USE ONLY \*\*\*\*\*

6% of wall area

6% of wall area



# CHECKLIST FOR SIGN/AWNING APPLICATION

**Applicants for a sign or awning permit are required to submit the following information to the Code Enforcement Office at the time of application:**

- Certificate of Liability listing the City as additional insured if any portion of the sign abuts or encroaches on any public right of way, or can fall into any public right of way. Amount must equal \$400,000.00.
- Letter of permission from the owner indicating the permissions granted and the tenant/space building frontage.
- A sketch plan of lot, indicating location of buildings, driveways, and any abutting streets or rights of way, lengths of building frontages, street frontages, and all existing setbacks. **Indicate on the plan all existing and proposed signs with their dimensions and specific locations. Be sure to include distance from the ground and building facade dimensions for any signage attached to a building.**
- A sketch or photo of any proposed sign(s) indicating *content, dimensions, materials, source of illumination, and construction method, as well as specifics of installation/attachment.*
- Certificate of Flammability required for awning or canopy at time of application.
- UL# required for lighted signs at the time of Final Inspection. Failure to provide this information will invalidate the Sign Permit.
- Pre-Application Questionnaire completed and attached. Photos of existing signage attached.

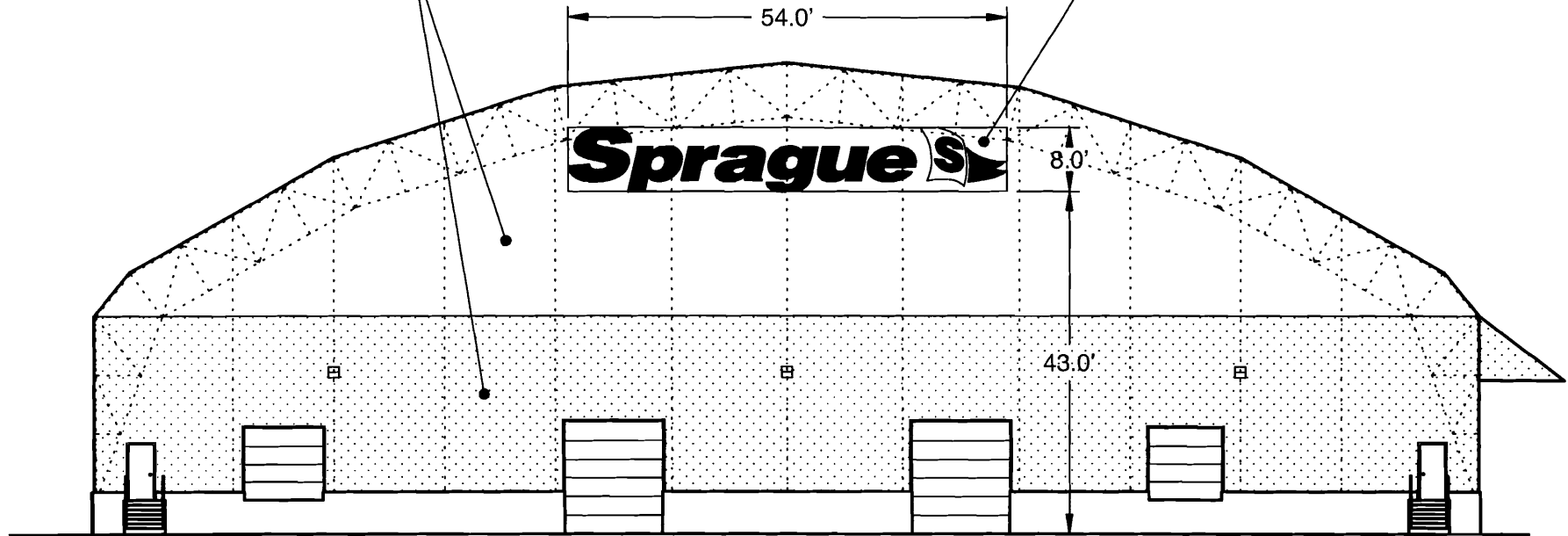
**Permit Fee for signage or awning-with-signage:  
\$30.00 plus \$2.00 per square foot of sign.**


**Permit Fee for awning-without-signage is based on cost of work:  
\$30.00 for the first \$1,000.00, plus \$9.00 for each additional \$1,000.00.**

**Base Application Fee for any Historic District signage is \$65.00 instead of \$30.00**

TOTAL GABLE AREA = 7476 SQ. FT.  
 6% OF GABLE AREA = 448 SQ. FT.

SIGN AREA = 432 SQ. FT.



REV.	DESCRIPTION	DRAWN	APP.	DATE
	We Cover The World  BUILDING SYSTEMS			
	TITLE SIGN LAYOUT			2/10/9
	SCALE 1 : 250	This drawing is the property of Rubb, Inc. and may not be reproduced or used for any manufacturing purpose without the express written consent of Rubb, Inc.		
	JOB # 05014			
	DATE	JOB NAME SPRAGUE		
RUBB, INC. SANFORD MAINE 04073 TEL: 207-324-2877 FAX 207-324-2347				DRAWING NO. 40697

# **Sidewalk Signs**

## **Design, Location, and Construction Standards**

### **Quantity**

One sign per establishment for each street frontage having a public entrance, provided that all dimension and location standards are met. When standards would not otherwise permit a sign, a sign may consist of multiple listings.

### **Sign Dimensions**

Single Listing: Maximum width is 24 inches or such lesser width sufficient to retain 4 ½ feet of unobstructed sidewalk width perpendicular to major flows. Maximum height is 40 inches to top of sign in place. Minimum height is 30 inches to top of sign in place.

Multiple: Maximum width is 30 inches or such lesser width sufficient to retain 4 ½ feet of unobstructed sidewalk width perpendicular to major flows. Maximum height is 40 inches to top of sign in place. Minimum height is 30 inches to top of sign in place.

### **Location**

Minimum distance between signs is 20 feet. Maximum distance of sign from public entrance of advertiser is 20 feet. The City may vary these distances for exceptional physical circumstances where public safety and streetscape aesthetics will be maintained. However, under no circumstances shall signs obstruct vehicular stops, benches, fire hydrants, or other street visual amenities. Signs shall be located near the curb rather than the building face.

### **Materials and Graphics**

All signs shall be of an A-Frame type design, shall be constructed of durable, weather-resistant materials and finish, shall have no moving parts, and shall be non-electrified. All signs shall be maintained in a clean and original appearance. Sign materials, graphics, and finish shall be of a unified design and shall be compatible with the local streetscape. All signs shall have horizontal braces spanning each side of the sign to assure rigid support. Lettering shall be legible and consistent.

### **Sign Removal**

All signs shall be removed when the business is closed or while any snow or ice exists on the walk within eight feet of the sign in any direction.

### **Insurance**

No permit shall be issued unless the applicant has posted in advance with the City a Certificate of Liability listing the City as additional insured in the amount of \$400,000.00.

### **Enforcement**

A sign may be removed after notice to the owner and the permit, if issued, may be revoked if the sign does not conform to the standards herein.

For a sidewalk sign permit, come to City Hall, 389 Congress Street, Room 315, with:

- \_\_\_\_\_ Certificate of Liability Insurance
- \_\_\_\_\_ Drawing of sign showing dimensions and design work
- \_\_\_\_\_ Payment of \$30.00 plus \$2.00 per s.f. of signage.
- \_\_\_\_\_ Complete application with pre-application questionnaire and checklist completed.

# DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

## BUILDING INSPECTION

### PERMIT

Permit Number: 070292

Please Read Application And Notes, If Any, Attached

PERMIT ISSUED  
MAR 22 2007

This is to certify that SERIAL TRANSPORTATION PROPERTIES LLC/C/O

has permission to install metal canopy from shed building #0

AT 1000 NW 11th St Portland, OR 97209-3001

provided that the person or persons performing or supervising the work accepting this permit shall comply with all of the provisions of the Statutes of the State 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 when permission procured before this building or part thereof is laid 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. \_\_\_\_\_

Health Dept. \_\_\_\_\_

Appeal Board \_\_\_\_\_

Other \_\_\_\_\_

Department Name

*Jeanie Bonke* 3/22/07  
Director - Building & Inspection Services

**PENALTY FOR REMOVING THIS CARD**

**City of Portland, Maine - Building or Use Permit Application**

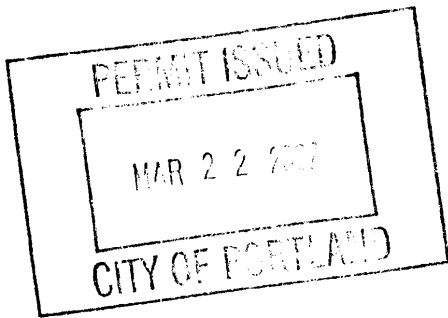
389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No:	07-0292	Issued Date:	MAR 22 2007	CBL:	072 A003001
------------	---------	--------------	-------------	------	-------------

Location of Construction: 601 DANFORTH ST	Owner Name: INDUSTRIAL TRANSPORTATIO	Owner Address: 114 EBEN HILL RD	Phone:
Business Name:	Contractor Name: Costello Dismantling Co., Inc.	Contractor Address: 2 Rocky Gutter Street, Middleboro	Phone: 9460880
Lessee/Buyer's Name	Phone:	Permit Type: Demolitions	Zone: WPDZ

Past Use: Commercial - Salt Shed	Proposed Use: Commercial - Salt Shed - Remove metal canopy from salt shed building #6	Permit Fee: \$270.00	Cost of Work: \$25,000.00	CEO District: 3
Proposed Project Description: Remove metal canopy from salt shed building #6		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: <i>U</i> Type: <i>Partial Demo (roof)</i> Signature: <i>JMB 3/22/07</i>	
		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature: _____ Date: _____		

Permit Taken By: ldobson	Date Applied For: 03/22/2007	<b>Zoning Approval</b>		
<ol style="list-style-type: none"> <li>This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</li> <li>Building permits do not include plumbing, septic or electrical work.</li> <li>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..</li> </ol>		<b>Special Zone or Reviews</b> <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan <i>J</i> Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>JMB 3/22/07</i>	<b>Zoning Appeal</b> <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: _____	<b>Historic Preservation</b> <input checked="" type="checkbox"/> Not in District or Landmark <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: _____



**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.

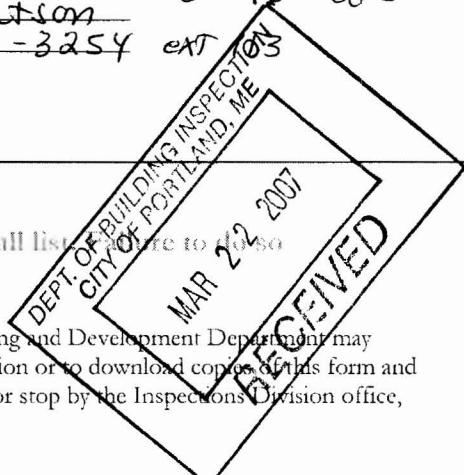
SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE



# Demolition of a Structure Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: <u>92 Cassidy Point Dr. / 601 Danforth St</u>		
Total Square Footage of Proposed Structure <u>24,000 sq ft</u>	Square Footage of Lot <u>631,620 sq ft</u>	
Tax Assessor's Chart, Block & Lot Chart#      Block#      Lot# <u>072      A      0037</u>	Owner: <u>Industrial Trans Prop LLC</u> <u>114 EBEW Hill Rd</u> <u>Yarmouth Me.</u>	Telephone: <u>207 772-3254</u> <u>ext 113</u>
Lessee/Buyer's Name (If Applicable) <u>Sprague Energy Corp</u> <u>92 Cassidy Point Dr</u> <u>Portland Me, 04102</u> <u>772-3254-113</u>	Applicant name, address & telephone: <u>Sprague Energy Corp</u> <u>92 Cassidy Point Dr.</u> <u>Portland 772-3254-113</u>	Cost Of Work: \$ <u>25000</u> Fee: \$ <u>250<sup>00</sup></u>
Current legal use: (i.e. garage, warehouse) <u>Salt Shed</u> If vacant, what was the previous use? _____ How long has it been vacant?: _____		
Project description: <u>Removal of Metal Canopy from Salt Shed Bld # 6</u>		
Contractor's name, address & telephone: <u>- Costello Dismantling Co</u> <u>1 Rocky Gutten ST. Middleboro Ma. 508 946 0880</u> Who should we contact when the permit is ready: <u>Walter Watson</u> Mailing address: <u>Sprague</u> Phone: <u>207-772-3254 ext 113</u> <u>92 Cassidy Point Dr.</u> <u>Portland Me 04102</u>		



Please submit all of the information outlined in the Demolition call list. Failure to do so will result in the automatic denial of your permit.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at [www.portlandmaine.gov](http://www.portlandmaine.gov), or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

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

Signature of applicant: <u>Walter Watson</u>	Date: <u>3-22-07</u>
--	----------------------

**This is not a permit; you may not commence ANY work until the permit is issued.**



# Demolition Call List & Requirements

Site Address: 601 Danforth St / 93 Cassidy Pond Dr. Owner: Industrial Trans Prop LLC  
 Structure Type: Metal Storage Shed Contractor: Costello Dismantling Co

Utility Approvals	Number	Contact Name/Date
Central Maine Power	1-800-750-4000	<u>ok Paul DuPerre</u>
Northern Utilities	797-8002 ext 6241	<u>ok Dispatch -</u>
Portland Water District	761-8310	<u>ok Dispatch</u>
Dig Safe	1-888-344-7233	<u># 2007-120-3026</u>

After calling Dig Safe, you must wait 72 business hours before digging can begin.

DPW/ Traffic Division (L. Cote)	874-8891	<u>Lucie Cote ok Clear</u>
DPW/ Sealed Drain Permit (C. Merritt)	874-8822	<u>CAROL MERRITT ok Clear</u>
Historic Preservation	874-8726	<u>Deb Andrews ok Clear</u>
Fire Dispatcher	874-8576	<u>OK - CALL AT START of Demo</u>

## Additional Requirements

- 1) Written Notice to Adjoining Owners enclosed
- 2) A Photo of the Structure(s) to be demolished enclosed
- 3) Certification from an asbestos abatement company enclosed

DEP -- Environmental (Augusta) Sandy Moody 287-2651 FRM 3/21/07 - enclosed

U.S. EPA Region 1 -- No Phone call required. Just mail copy of State notification to:

Demo / Reno Clerk Sent 3/22/07  
 US EPA Region I (SEA)  
 JFK Federal Building  
 Boston, MA 02203

I have contacted all of the necessary companies/departments as indicated above and attached all required documentation.

Signed: [Signature] Date: 3-22-07

For more information or to download this form and other permit applications visit the Inspections Division on our website at [www.portlandmaine.gov](http://www.portlandmaine.gov)



**Maine Department of Environmental Protection  
Lead & Asbestos Hazard Prevention Program**  
17 State House Station, Augusta, Me 04333-0017  
Tel: (207) 287-2651 Fax: (207) 287-7826



**Building Demolition Notification Form (BDNF)**

**Important Notice: Maine law requires the filing of this "Building Demolition Notification Form" prior to demolition of any building except a single-family home**

1) Building owners are required to provide this notification of the demolition of a building to the DEP at least 5 working days prior to the demolition. This notification is not required before the demolition of a single-family residence or related structure (e.g., garage, shed, barn). It is also not required if previous notification of the demolition has been provided to the DEP as part of an asbestos abatement project notification. *Demolition* means the tearing down or intentional burning of a building or part of a building.

2) Prior to demolition, building owners must determine if there is any asbestos-containing material(s) (ACM) in the building. An "asbestos inspection" by a DEP-licensed Asbestos Consultant is required for all buildings except single-family homes and residential buildings with 2-4 units built after 1980. In lieu of an asbestos inspection, pre-1981 residential buildings with 2-4 units can be surveyed to identify possible ACM by someone knowledgeable about ACM, such as a code enforcement officer or building inspector. If materials that may contain asbestos are found, then you can either assume they are ACM or hire a DEP-licensed Asbestos Consultant to test the materials.

3) Whenever more than 3 square feet or 3 linear feet of ACM is identified, the ACM must be abated in accordance with the *Maine Asbestos Management Regulations* by a DEP-licensed Asbestos Abatement Contractor. This includes materials presumed to be ACM. Check [www.state.me.us/dep/rwm/asbestos/index.htm](http://www.state.me.us/dep/rwm/asbestos/index.htm) for a listing of asbestos contractors.

Prior to issuing a local demolition permit, the DEP requests that municipalities have applicants for municipal demolition permits complete this form and fax it to the DEP at 207-287-7826. Municipalities should not issue local demolition permits if the required asbestos inspection or survey has not been performed and identified ACM removed.

Were asbestos-containing materials found?  yes  no  no inspection or survey required (post-1980 2-4 unit)

property address: 601 Down South St / 92 Cassidy Point Dr Portland Me, 04102	building description: <input type="checkbox"/> pre-1981 residential with 2-4 units <input type="checkbox"/> post-1980 residential with 2-4 units <input checked="" type="checkbox"/> other: metal salt shed
asbestos survey performed by: (name & address) Abatement Professionals 590 County Rd Suite Z Westborough Me 04092 telephone: 207-773-1276	asbestos inspection performed by: (name of licensed Asbestos Consultant) Robert Rickett Jr Lic. # A1-0114 telephone: 207-773-1276
property owner: (name & address) Industrial Transport Safari Prop. LLC 114 EBER Hill Rd Yarmouth Me telephone: 772-3254-113	demolition contractor: (name & address) Costello Dismantling Co 1 Rocky Gutter St. Middleboro Ma, 02346 telephone: 508-946-0880
demolition start date: 3/26/07	demolition end date: 3/30/07

Thomas Dobbinis 3/21/07  
 Notification Submitted by: (please print) Date Submitted

**Help save Maine fisheries - Remove and recycle mercury thermostats and fluorescent lamps from your building prior to demolition!**





Maine Department of Environmental Protection  
 Lead & Asbestos Hazard Prevention Program  
 17 State House Station, Augusta, Me 04333-0017  
 Tel: (207) 287-2651 Fax: (207) 287-7826



**Building Demolition Notification Form (BDNF)**

**Important Notice: Maine law requires the filing of this "Building Demolition Notification Form" prior to demolition of any building except a single-family home**

1) Building owners are required to provide this notification of the demolition of a building to the DEP at least 5 working days prior to the demolition. This notification is not required before the demolition of a single-family residence or related structure (e.g., garage, shed, barn). It is also not required if previous notification of the demolition has been provided to the DEP as part of an asbestos abatement project notification. Demolition means the tearing down or functional burning of a building or part of a building.

2) Prior to demolition, building owners must determine if there is any asbestos-containing material(s) (ACM) in the building. An "asbestos inspection" by a DEP-licensed Asbestos Consultant is required for all buildings except single-family homes and residential buildings with 2-4 units built after 1980. In lieu of an asbestos inspection, pre-1981 residential buildings with 2-4 units can be surveyed to identify possible ACM by someone knowledgeable about ACM, such as a code enforcement officer or building inspector. If materials that may contain asbestos are found, then you can either assume they are ACM or hire a DEP-licensed Asbestos Consultant to test the materials.

3) Whenever more than 3 square feet or 3 linear feet of ACM is identified, the ACM must be abated in accordance with the Maine Asbestos Management Regulations by a DEP-licensed Asbestos Abatement Contractor. This includes materials presumed to be ACM. Check www.state.me.us/dep/hw/asbestos/index.htm for a listing of asbestos contractors.

Prior to issuing a local demolition permit, the DEP requests that municipalities have applicants for municipal demolition permits complete this form and fax it to the DEP at 207-287-7826. Municipalities should not issue local demolition permits if the required asbestos inspection or survey has not been performed and identified ACM removed.

Were asbestos-containing materials found?  yes  no  no inspection or survey required (post-1980 2-4 unit)

property address: 601 Park South St / 92 Casandy Prnt Dr Portland Me. 04102	building description: <input type="checkbox"/> pre-1981 residential with 2-4 units <input type="checkbox"/> post-1980 residential with 2-4 units <input checked="" type="checkbox"/> other: metal S&T shed
asbestos survey performed by: (name & address) Abitement Professionals 590 County Rd Suite 2 Westbrook Me 04092 telephone: 207-773-1276	asbestos inspection performed by: (name of licensed Asbestos Consultant) Robert Richert Sr Lic. # ME-0114 telephone: 207-773-1276
property owner: (name & address) Individual Transportation Prop LLC 114 EBER Hill Rd Yarmouth Me telephone: 773-3254-113	demolition contractor: (name & address) Costello Dismantling Co 1 Rocky Gutten St Widette beach ma. 02346 telephone: 508-976-0880
demolition start date: 3/21/07	demolition end date: 3/30/07

Thomas Debbuis  
 Notification Submitted by: (please print) 3/21/07  
Date Submitted

Help save Maine fisheries - Remove and recycle mercury thermostats and fluorescent lamps from your building prior to demolition!

TX RESULT REPORT

NAME : SpragueEnergy  
 TEL : 2077723156  
 DATE : MAR. 22. 2007 06:45

SESSION	FUNCTION	NO.	DESTINATION STATION	DATE	TIME	PAGE	DURATION	MODE	RESULT
2766	TX	001	92877826	MAR. 22	06:43	001	00h01min16s	ECM	OK



---

590 County Road, Suite 2, Westbrook ME 04092

Tel (207) 773-1276 \* Fax (207) 772-1203

---

March 21, 2007

Walter Watson, Terminal Manager  
Sprague Energy Corp.  
92 Cassidy Point  
Portland, Maine 04101

Via Email: [wwatson@spragueenergy.com](mailto:wwatson@spragueenergy.com)

Dear Mr. Watson:

Please except this letter from Robert W. Rickett Jr, Maine Licnsed Asbestos Inspctor as a follow up to my site inspection of earlier this day. The property is located at 92 Cassidy Point, Portland, Maine. The building we looked at is a salt storage building approx size of 105 x 225 for a total area of approx 23,625 S/F.

The building was constructed with Concrete, Steel Beams, metal sheeting and wood.

Based on the construction of this building, No Asbestos materials would be used in any of the materials that were reviewed.

The Maine DEP Chapter 425 rules and regulations regarding asbestos inspections say, "building components made of concrete, steel, wood, glass or fiberglass are not required to be sampled for asbestos containing materials.

No further inspections or sampling are required and the building should be asbestos free based on my inspection.

Please feel free to contact me if you require further information on this matter.

Regards,

A handwritten signature in black ink, appearing to read 'Robert Rickett Jr', with a long, sweeping horizontal stroke extending to the right.

Robert Rickett Jr  
President

# DIG SAFE SYSTEM, INC.

LOCATE REQUEST FORM 888-DIG-SAFE DIGSAFE.COM

TODAY'S DATE 3-21-07 DIG SAFE NUMBER 2007-120-3020

JOB NAME/# SPRAGUE ENERGY - THE SALT SHED

### CALLER DETAILS

CONTR I.D. # 12751 CALLER NAME SANDI CLOUTIER TITLE OFFICE MGR

PHONE # 508-946-0880 FAX # 508-947-3093 ALT # \_\_\_\_\_

EMAIL ADDRESS MANTIS@COSTELLODISMANTLING.COM BUSINESS HOURS 8:00 TO 5:00

COMPANY NAME COSTELLO DISMANTLING COMPANY, INC.

ADDRESS 2 ROCKY GUTTER STREET CITY MIDDLEBORO STATE MA ZIP 02346

### LOCATION DETAILS

(CHECK ONE) STATE: MA \_\_\_\_\_ ME X NH \_\_\_\_\_ RI \_\_\_\_\_ VT \_\_\_\_\_

ADDRESS/INTERSECTION 92 CASSIDY POINT DR CITY/TOWN PORTLAND

NEAREST CROSS STREET RT. 1A, WEST COMMERCIAL ST (PREV. 601 DANFORTH ST)

TYPE OF WORK DEMO ADDITIONAL INFORMATION THE SALT SHED - MERRILL'S TERMINAL

DEPTH (FEET) TO GRADE (SLAB)

AREA (I.E. ST TO HOUSE, IN THE ST, SIDEWALK AREA, RT. SIDE OF HOUSE, PRIVATE PROPERTY)

ENTIRE PROPERTY (APPX. 10 FEET SOUTH OF RAILROAD TRACKS)

PRE-MARKED? Y X N \_\_\_\_\_

START: MONTH MARCH DAY MON. 26<sup>TH</sup> YEAR 2007 TIME 11:15 A.M.

EXCAVATOR DOING WORK (IF NOT SAME AS ABOVE) \_\_\_\_\_

#### MEMBERS NOTIFIED:

#### DIG SAFE RENEWAL NUMBERS:

- \_\_\_\_\_  
AT&T
- \_\_\_\_\_  
VERIZON
- \_\_\_\_\_  
MCI
- \_\_\_\_\_  
NORTHERN UTILITIES
- \_\_\_\_\_  
CENTRAL MAINE POWER
- \_\_\_\_\_  
TIME-WARNER CABLE
- \_\_\_\_\_  
PORTLAND WATER, WASTEWATER,
- \_\_\_\_\_  
SEWER

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_



March 21, 2007

Cianbro Corporation  
328 West Commercial Street  
Portland ME 04102

Dear Sir

I am writing to notify you that the salt shed located at the Merrill's Marine Terminal is now in a state of disrepair due to the damage caused by the recent snow storm. Pursuant to the requirements of the City of Portland's Planning and Development Department Sprague Energy is notifying you we will be removing the canopy from this building.

Please do not hesitate to contact me at 772 3254 ext 113 with any questions or concerns.

Sincerely

Walter Watson  
Terminal Manager



March 21, 2007

Advantage Tool and Gas  
Cassidy Point Drive  
Portland, ME 04102

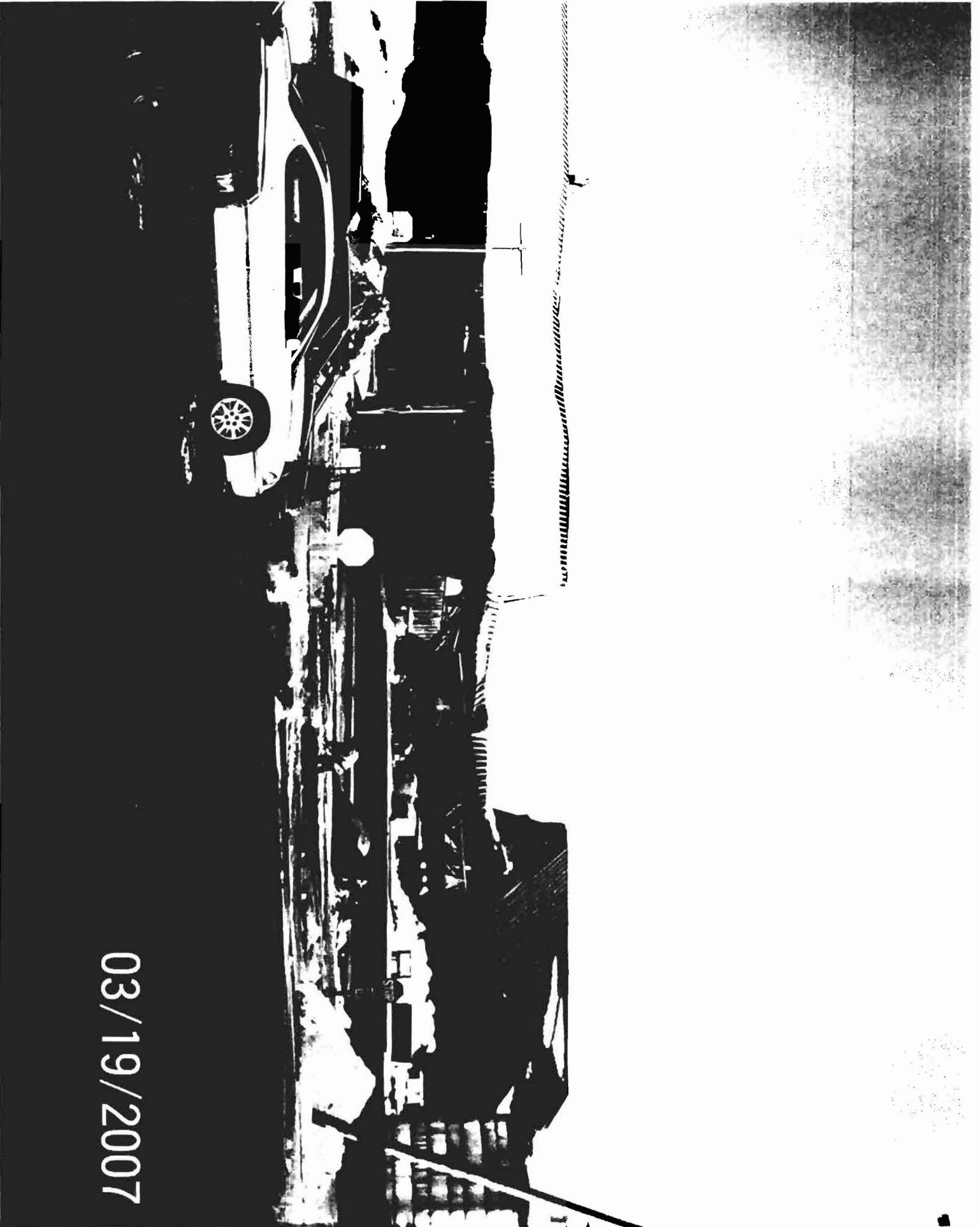
Dear Sir

I am writing to notify you that the salt shed located at the Merrill's Marine Terminal is now in a state of disrepair due to the damage caused by the recent snow storm. Pursuant to the requirements of the City of Portland's Planning and Development Department Sprague Energy is notifying you we will be removing the canopy from this building.

Please do not hesitate to contact me at 772 3254 ext 113 with any questions or concerns.

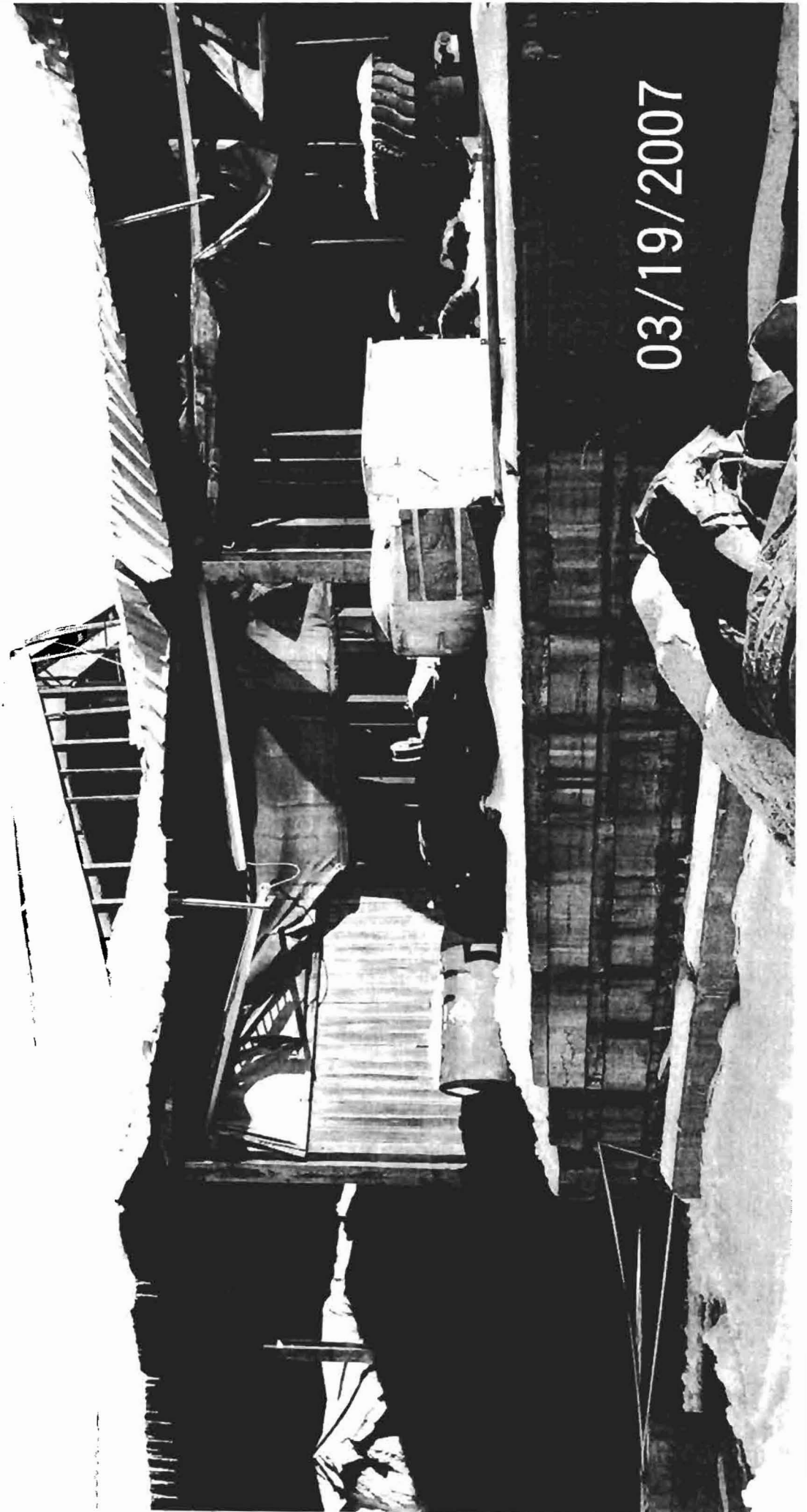
Sincerely

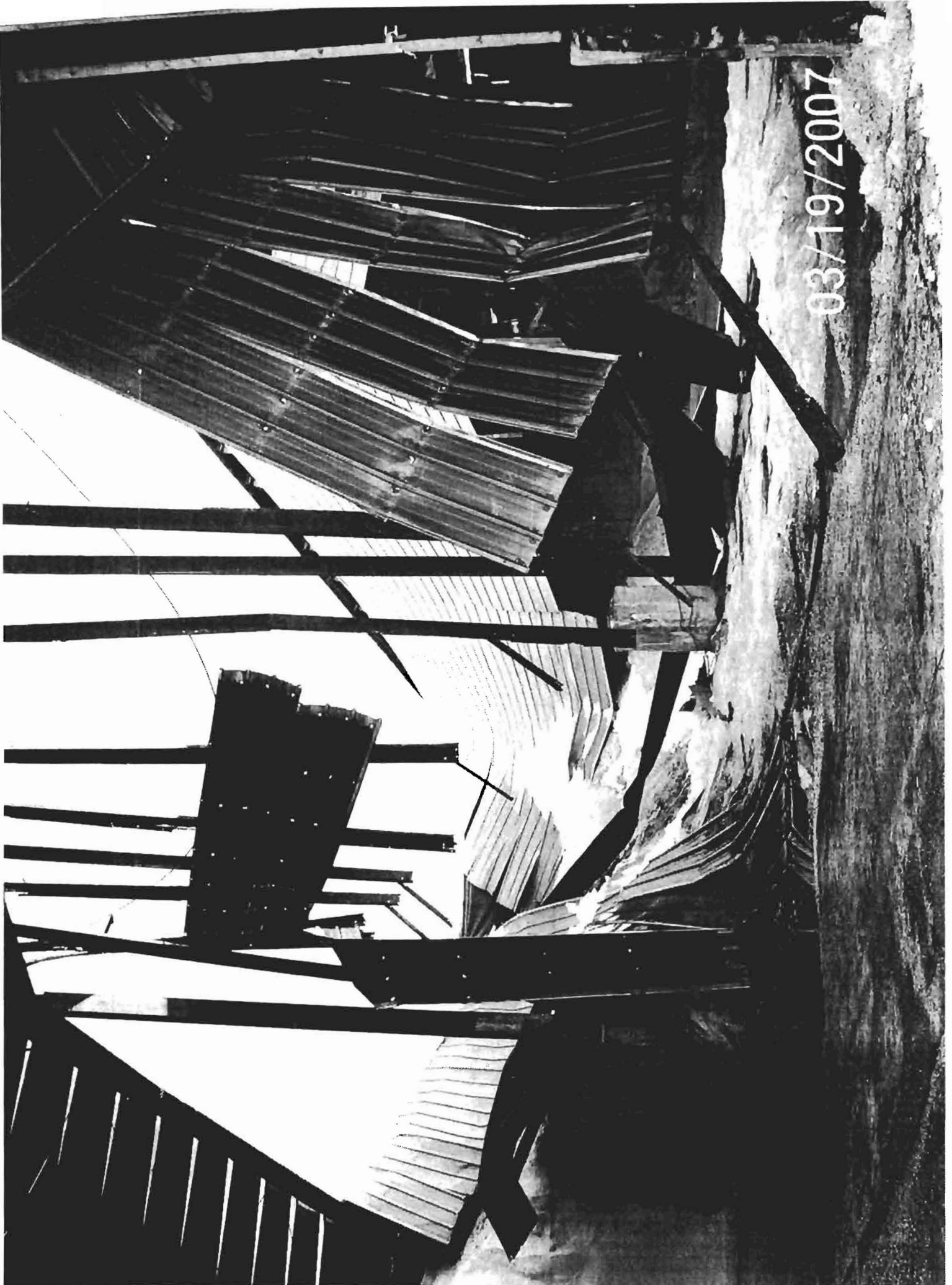
Walter Watson  
Terminal Manager



03/19/2007

03/19/2007



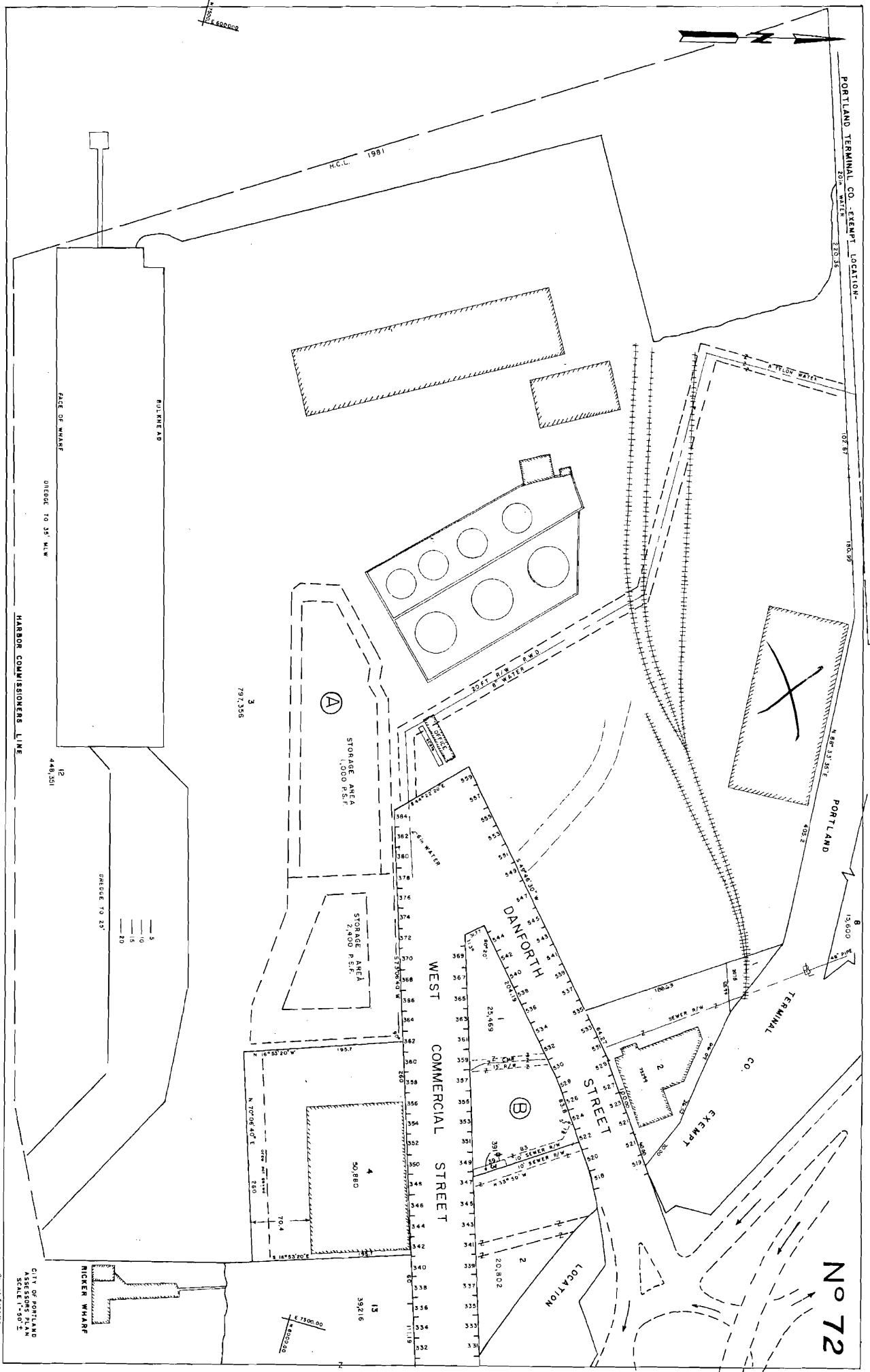


03/19/2007



PORTLAND TERMINAL CO. - EXEMPT LOCATION -

No 72



H.C.L. 1991

BULKHEAD AD  
FACE OF WHARF

ONSHORE TO 35' M.L.W.

HARBOR COMMISSIONERS' LINE

12  
448.351

ONSHORE TO 25'

5
10
15
20

3  
729.358

STORAGE AREA  
1,000 RS.F.

STORAGE AREA  
2,700 RS.F.

4  
90,880

15  
382,116

WEST COMMERCIAL STREET

DANFORTH STREET

TERMINAL STREET

LOCATION

PORTLAND

TERMINAL CO.

EXEMPT

RICKER WHARF

CITY OF PORTLAND  
SCALE 1"=50' ±

Drawn 5/22/06

**City of Portland, Maine - Building or Use Permit**

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

<b>Permit No:</b> 07-0292	<b>Date Applied For:</b> 03/22/2007	<b>CBL:</b> 072 A003001
------------------------------	--	----------------------------

<b>Location of Construction:</b> 601 DANFORTH ST	<b>Owner Name:</b> INDUSTRIAL TRANSPORTATIO	<b>Owner Address:</b> 114 EBEN HILL RD	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Costello Dismantling Co., Inc.	<b>Contractor Address:</b> 2 Rocky Gutter Street Middleboro	<b>Phone</b> (508) 946-0880
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Demolitions	

<b>Proposed Use:</b> Commercial - Salt Shed - Remove metal canopy from salt shed building #6	<b>Proposed Project Description:</b> Remove metal canopy from salt shed building #6
---	--

<b>Dept:</b> Zoning	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Jeanine Bourke	<b>Approval Date:</b> 03/22/2007
<b>Note:</b>			<b>Ok to Issue:</b> <input checked="" type="checkbox"/>
1) This permit approves the removal of the metal canopy of the salt shed, the building walls remain intact, there is no request for the removal of the building footprint.			
<b>Dept:</b> Building	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Jeanine Bourke	<b>Approval Date:</b> 03/22/2007
<b>Note:</b>			<b>Ok to Issue:</b> <input checked="" type="checkbox"/>
1) This permit approves the removal of the unsafe canopy, future rebuild shall be applied for on a separate permit.			

We Cover The World.®



## APPROVED SUPPLIERS/SUBCONTRACTORS LIST

Issue No.: 19

Approved by : Fred Smalley, Quality Manager

Page : 9

Date: Thursday, August 07, 2003

### Steel

Supplier/Subcontractor	Telephone No.	Telefax No.	Approval Category	Approval Date
Allied Tube & Conduit	708-339-1610	708-339-9838	ISO 9000	7/1/96
Bull Moose Tube CO.	314-537-2600	314-536-1225	Historic	7/1/96
Valmont Industries	800-825-6668	402-359-6223	Historic	7/1/96
American Steel	207-772-4641	207-772-0359	Historic	7/10/96
Cohen Steel Supply	603-225-2047	800-225-3397	Historic	7/1/96
George H Dean, Inc..	401-785-2050	401-781-8320	Historic	3/24/97
Infra Metals Corp..	203-294-2980	203-294-2993	Historic	7/1/96
Isaacson Steel, Inc..	603-752-2044	603-752-2821	Historic	10/16/97
Leroux Steel	514-641-4360	514-641-3671	Historic	7/1/96
Morin Steel, Inc..	207-324-2112	207-324-6124	Historic	7/1/96
Nova Steel	514-335-6682	514-683-5285	ISO 9000	7/1/96
Flaxalloy, Inc..	330-626-7936	330-626-8161	ISO 9000	5/14/98
Cressona Aluminum	570-385-8835	570-385-8832	ISO 9000	7/1/96
LTV Copperweld	412-263-3200	412-263-6995	ISO 9000	7/1/96
Chicago Rolled Metal Products	(312) 523-5757		Quality Manual/Docu	9/25/02
Metals USA.	508-399-8500	508-399-6120	ISO 9000	7/24/03
Triad Metals	603-540-7275	215-784-0180	Approval Pending	7/24/03

72A3



We Cover The World.®



### APPROVED SUPPLIERS/SUBCONTRACTORS LIST

Issue No.: 19	Approved by : Fred Smalley, Quality Manager
Page. : 5	Date: Thursday, August 07, 2003

#### Inspection & Calibration services

Supplier/Subcontractor	Telephone No.	Telefax No.	Approval Category	Approval Date
DeFelsko	1-800-448-3835	315-393-8471	Trial Basis	9/1/02
SGS U.S. Testing CO.	973-575-5252	973-575-7175	ISO 9000	4/16/02
Kon-sult, Inc...	603-882-7464	603-882-5446	ISO 9000	4/16/02
Consolidated Consultants inc.	207-846-1211	207-846-0971	Approval Pending	

File Ref.: \\RUBB2\Documents\ISO9001\Databases\Approved Suppliers List.APR

Form No. 53 Rev. B



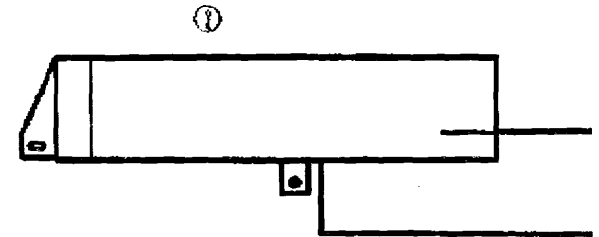
AN INTERNATIONAL COMPANY

WELD INSPECTION

PART NO. D1-2-3

DRAWING NO. 39847

REPAIR HISTORY	
Weld Area	
Welder Id	
Item #	
Acceptance	
	Yes <input type="checkbox"/>
	No <input type="checkbox"/>



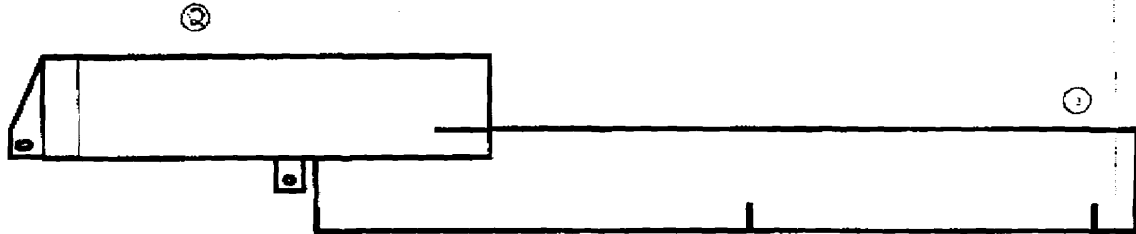
RUBB INC  
JOB NO. 05012  
CUSTOMER: Portland

Welder Name	
Nate Bedell—11	Josh Sherman—5
John Ireland—X	Dan Stone—S
Josh Chevalier—C	Nate Stone—G
Make Dymond—T	Make Thyng—V
Chris Copp—A	Barry Chick—D
Derek Gauvrea—F	Justin Stone—3
Josh Gauvrea—0	Mike Keith—R
Mike Parent—B	Malcom Phillips—1
Steve Gagnon—7	Justin Saucier—L

# WELD INSPECTION MAP

PART NO. C1, C2  
 DRAWING NO. 39844, 39845

REPAIR HISTORY	
Weld Area	
Welder Id	
Item #	
Acceptance	
Yes	<input type="checkbox"/>
No	<input type="checkbox"/>



RUBB INC  
 JOB NO. 0501a  
 CUSTOMER: Portland

Welder	
Nate Bedell—H	Josh Sherman—5
John Ireland—X	Dan Stone—S
Josh Chevalier—C	Nate Stone—G
Make Dymond—T	Make Thyng—V
Chris Copp—A	Barry Chick—D
Derek Gauvrea—F	Justin Stone—3
Josh Gauvrea—0	Mike Keith—R
Mike Parent—B	Malcom Phillips—1
Steve Gagnon—7	Justin Saucier—L

Weld Area No.	
1. XT	6.
2. H	7.
3.	8.
4.	9.
5.	10.

Assistant Inspector	
Name:	<u>Mike Parent</u>
Date:	<u>3-10</u>
Inspector Acceptance	
Yes <input type="checkbox"/>	Date: _____
No <input type="checkbox"/>	
Welding Procedure	
WP-1	WP-4
WP-2	WP-5
WP-3	WP-6

Please call 874-8703 or 874-8693 to schedule your inspections as agreed upon

Permits expire in 6 months, if the project is not started or ceases for 6 months.

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:

By initialzing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.

A Pre-construction Meeting will take place upon receipt of your building permit.

- Footing/Building Location Inspection: Prior to pouring concrete
- Re-Bar Schedule Inspection: Prior to pouring concrete
- Foundation Inspection: Prior to placing ANY backfill
- Framing/Rough Plumbing/Electrical: Prior to any insulating or drywalling
- Final/Certificate of Occupancy: Prior to any occupancy of the structure or use. NOTE: There is a \$75.00 fee per inspection at this point.

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection

REGS: If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

N/A CERTIFICATE OF OCCUPANCIES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED

<u>Ronald E. Smith</u>	<u>11 23 05</u>
Signature of Applicant/Designee	Date
<u>Donna Martin Admin</u>	<u>11-23-05</u>
Signature of Inspections Official	Date

CBL 065A015 Building Permit #: 051651

We Cover The World.®



May 12, 2005

Mr. Mike Nugent  
Inspection Services Manager  
City of Portland  
389 Congress Street  
Portland, ME 04101

**RUBB, INC.**  
P.O. Box 711, 1 Rubb Lane  
Sanford, Maine 04073 USA  
Tel: 207 324 2877  
Fax: 207 324 2347  
E-mail: info@rubbusa.com

Re: Special Inspections, Merrill VII Project

Dear Mike:

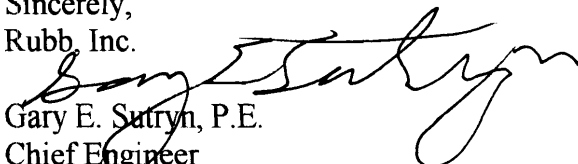
Dave Nickerson and I have discussed requirements for special inspection for the Merrill Rubb VII project. Enclosed below is a summary of our current inspection protocols together with proposed additional inspections for this project. First note that our ISO 9001:2000 certification addresses most of the items listed in Special Inspections, section 1704 of the IBC 2003:

- We purchase structural steel to match the specifications shown on the construction drawings and receive, review and archive copies of the mill test certificates. (ISO requirement)
- All purchased bolts are certified by the manufacturer and also match the specifications on construction drawings. (ISO requirement)
- Our welders are certified to AWS D1.1 and AWS D1.3
- All our welds are 100% visual inspected according to AWS D1.1 and AWS D1.3, using our own internal personnel. (Not required as of yet by ISO)
- We perform structural calculations to ensure the structures comply with the wind, snow and seismic requirements in the code. (ISO requirement)
- We inspect our completed components against the production drawings to ensure compliance with all the details.

In addition to the inspections stated above, for the Merrill Rubb VII project it is my proposal that Quality Assurance Labs in Portland be engaged to perform weekly visual inspections of a sampling of our welded assemblies. Also, I will perform periodic site inspections of turn-of-the-nut bolt tightening where specified on the construction drawings. Where these inspections require corrective action, I will direct appropriate action. At the close of the project, or as otherwise required by you, I will submit copies of the QAL and site inspection reports to your office.

I hope the above meets with your approval and will call to discuss.

Sincerely,  
Rubb, Inc.

  
Gary E. Sutryn, P.E.  
Chief Engineer



AN INTERNATIONAL COMPANY

RUBB BUILDINGS LTD.  
Tel: +44 191 482 2211  
Fax: +44 191 482 2516

RUBB MOTOR A/S  
Tel: +47 55 315032  
Fax: +47 55 317510



CERTIFICATE No. US97/0897



DEPARTMENT OF ENVIRONMENTAL PROTECTION  
PERMIT BY RULE NOTIFICATION FORM

(For use with DEP Regulation, Chapter 305)

RECEIVED DEP - SMRG  
2005 MAY 23 PM 2:15

PLEASE TYPE OR PRINT IN BLACK INK ONLY

Name of Applicant: (owner)		MERRILL INDUSTRIES, INC		Applicant Mailing Address:		114 EBBEN HILL ROAD	
Town/City:		YARMOUTH		State:		MAINE	
Zip Code:	04096	Daytime Telephone No: (include area code)	207 846 0100		Project Location:	601 DANFORTH ST PORTLAND	
County:	CUMBERLAND	Map #:	72	Lot #:	A3,715	Name of Wetland or Waterbody:	FORE RIVER
Name of Agent:		P. D. MERRILL		Agents Telephone No: (include area code)		207 846-0100	
Detailed Directions to Site: Past Cianbro Corp on West Commercial St to end of Dandabth St							
				UTM Northing: (if known)	43 38 34	UTM Easting: (if known)	70 16 54
Description of Project: Improve stormwater collection and treatment in connection with construction of new warehouse							
Part of a larger project?						<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

(CHECK ONE) This project: does  does not  involve work below mean low water.

I am filing notice of my intent to carry out work which meets the requirements for Permit By Rule (PBR) under DEP Rules, Chapter 305. The work described above qualifies under the PBR Sections checked below. I and my agents, if any, **have read** and will comply with all of the standards in the Sections checked below.

- Sec. (2) Act. Adjacent to Protected Natural Res.
- Sec. (3) Intake Pipes
- Sec. (4) Replacement of Structures
- Sec. (5) REPEALED
- Sec. (6) Movement of Rocks or Vegetation
- Sec. (7) Outfall Pipes
- Sec. (8) Shoreline stabilization
- Sec. (9) Utility Crossing
- Sec. (10) Stream Crossing
- Sec. (11) State Transportation Facilities
- Sec. (12) Restoration of Natural Areas
- Sec. (13) F&W Creation/Enhance/Water Quality Improvement
- Sec. (14) Piers, Wharves & Pilings
- Sec. (15) Public Boat Ramps
- Sec. (16) Coastal Sand Dune Projects
- Sec. (17) Transfers/Permit Extension
- Sec. (18) Maintenance Dredging

I authorize staff of the Departments of Environmental Protection, Inland Fisheries & Wildlife, and Marine Resources to access the project site for the purpose of determining compliance with the rules. I also understand that **this permit is not valid until approved by the Department or 14 days after receipt by the Department, whichever is less.**

I have attached the following required submittals. **NOTIFICATION FORMS CANNOT BE ACCEPTED WITHOUT THE NECESSARY ATTACHMENTS:**

- Attach** a check for \$55 (non-refundable) made payable to: "Treasurer, State of Maine".
- Attach** a U.S.G.S. topo map or Maine Atlas & Gazetteer map with the project site clearly marked.
- Attach** all specific requirements outlined in the PBR Sections checked above.
- Attach** 1 copy of this Notification Form (form only) to the original.

Signature of Applicant:		Date:	MAY 19, 2005
-------------------------	---	-------	--------------

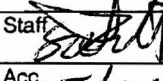
Keep a copy as a record of permit. Send the form with attachments via certified mail to the Maine Dept. of Environmental Protection at the appropriate regional office listed below. The DEP will send a copy to the Town Office as evidence of the DEP's receipt of notification. No further authorization by DEP will be issued after receipt of notice. Permits are valid for two years. **Work carried out in violation of any standard is subject to enforcement action.**

AUGUSTA DEP  
STATE HOUSE STATION 17  
AUGUSTA, ME 04333-0017  
(207)287-2111

PORTLAND DEP  
312 CANCO ROAD  
PORTLAND, ME 04103  
(207)822-6300

BANGOR DEP  
106 HOGAN ROAD  
BANGOR, ME 04401  
(207)941-4570

PRESQUE ISLE DEP  
1235 CENTRAL DRIVE  
PRESQUE ISLE, ME 04769  
(207)764-0477

OFFICE USE ONLY	Ck.# 046859	Date 05/23/05	Staff 	Staff	After Photos
* 27772	FP 53.00		Acc. Date 5/31/05	Def. Date	