

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

Please Read
Application And
Notes, If Any,
Attached

BUILDING INSPECTION

PERMITPermit Number: 10014 **PERMIT ISSUED**This is to certify that CITY OF PORTLAND / Sargent Corporationhas permission to Airport Terminal - De-icing Apron

FEB 17 2010

AT 947 WESTBROOK ST

CB 199 A001002

City of Portland

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 lathed or otherwise red-in. 24 HOURS 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

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: 10-0141	Issue Date:	CBL: 199 A001002
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Location of Construction: 947 WESTBROOK ST	Owner Name: CITY OF PORTLAND	Owner Address: 389 CONGRESS ST	Phone:
Business Name:	Contractor Name: Sargent Corporation	Contractor Address: 378 Bennoch Rd Old Town	Phone: 2079443602
Lessee/Buyer's Name	Phone:	Permit Type: Commercial	Zone: A-B

Past Use: Commercial - Commercial - Airport Terminal	Proposed Use: Commercial - Commercial - Airport Terminal - De-icing Apron	Permit Fee:	Cost of Work: \$3,071.00	CEO District: 3
Proposed Project Description: Airport Terminal - De-icing Apron		FIRE DEPT: <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Denied <i>N/A</i>	INSPECTION: Use Group: <i>U</i> Type: <i>Site Permit IBC 2003</i>	
		Signature: <i>[Signature]</i>		
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: Idobson	Date Applied For: 02/17/2010	Zoning Approval		
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<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building permits do not include plumbing, septic or electrical work.</p> <p>3. 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..</p> <p style="text-align: center; font-size: 24px; font-weight: bold;">PERMIT ISSUED</p> <p style="text-align: center; font-size: 18px; font-weight: bold;">FEB 17 2010</p> <p style="text-align: center;">City of Portland</p>	<p>Special Zone or Reviews</p> <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input checked="" type="checkbox"/> Site Plan <i>2008-0137</i> Maj <input checked="" type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> <i>ok w/condition</i> Date: <i>2/17/10</i> <i>AM</i>	<p>Zoning Appeal</p> <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: _____	<p>Historic Preservation</p> <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>AM</i> 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: 10-0141	Date Applied For: 02/17/2010	CBL: 199 A001002
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Location of Construction: 947 WESTBROOK ST	Owner Name: CITY OF PORTLAND	Owner Address: 389 CONGRESS ST	Phone:
Business Name:	Contractor Name: Sargent Corporation	Contractor Address: 378 Bennoch Rd Old Town	Phone (207) 944-3602
Lessee/Buyer's Name	Phone:	Permit Type: Commercial	

Proposed Use: Commercial - Commercial - Airport Terminal - De-icing Apron	Proposed Project Description: Airport Terminal - De-icing Apron
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Dept: Zoning	Status: Approved	Reviewer: Ann Machado	Approval Date: 02/17/2010
Note:	Ok to Issue: <input checked="" type="checkbox"/>		
1) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.			
Dept: Building	Status: Approved	Reviewer: Tammy Munson	Approval Date: 02/17/2010
Note:	Ok to Issue: <input checked="" type="checkbox"/>		

PERMIT ISSUED

FEB 17 2010

City of Portland



General Building 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>140 JETPORT BOULEVARD</u>		
Total Square Footage of Proposed Structure/Area <u>(SEE ATTACHED PLANS)</u>	Square Footage of Lot	Number of Stories
Tax Assessor's Chart, Block & Lot Chart# <u>49</u> Block# <u>A</u> Lot# <u>001002</u>	Applicant * <u>must be owner</u> , Lessee or Buyer* Name <u>CITY OF PORTLAND, ME</u> Address <u>1001 WEST BLOOM ST.</u> City, State & Zip <u>PORTLAND, ME 04102</u>	Telephone:
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ <u>3,071,300</u> C of O Fee: \$ <u>75.00</u> Total Fee: \$ <u>9,785</u>
Current legal use (i.e. single family) <u>Jet Port</u>	Number of Residential Units _____	
If vacant, what was the previous use? _____	Proposed Specific use: _____	
Is property part of a subdivision? _____	If yes, please name _____	
Project description: <u>- De-icing Apron -</u>		
Contractor's name: <u>SARGENT CORPORATION</u>	Address: <u>378 BENDOCK ROAD</u>	
City, State & Zip: <u>STILLWATER, ME 09489</u>	Telephone: <u>827-4435</u>	
Who should we contact when the permit is ready: <u>SEAN MURPHY</u>	Telephone: <u>944-3602</u>	
Mailing address: <u>(SAME AS ABOVE)</u>		

Please submit all of the information outlined on the applicable Checklist. 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, 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: Lois J. Hebert Date: 2/11/10

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

Lannie Dobson - Jetport Inspection and Building Permit Fees

From: Philip DiPierro
To: Dobson, Lannie
Date: 2/17/2010 8:47 AM
Subject: Jetport Inspection and Building Permit Fees
CC: Littell, Penny

Hi Lannie, the Jetport contractor has paid the Site Inspection fee, and has met the site plan requirements for the issuance of the building permit.

Sean Milligan with H.E. Sargent has a check for \$9,785.00 to cover the cost of the building permit associated with the site work for the de-icing facility. I just talked to Penny and she authorized the reduced BP fee.

Please issue the Building Permit for the site work associated with the Jetport de-icing facility.

Feel free to contact me with any questions.

Thanks.

Philip DiPierro
Development Review Coordinator
City of Portland Planning Division
389 Congress Street
Portland, Maine 04101

Phone 207 874-8632
Fax 207 756-8258



Accessibility Building Code Certificate

Designer:

DELUCA - HOFFMAN

Address of Project:

140 JEFFPORT BOULEVARD

Nature of Project:

PORTLAND INTERNATIONAL AIRPORT

CONSTRUCT TERMINAL APRON PHASE 2
& DEICING FLUID RECYCLING PROJECT

The technical submissions covering the proposed construction work as described above have been designed in compliance with applicable referenced standards found in the Maine Human Rights Law and Federal Americans with Disability Act. Residential Buildings with 4 units or more must conform to the Federal Fair Housing Accessibility Standards. Please provide proof of compliance if applicable.

Signature:

Louie J. Hebert LOUIE J. HERBERT

Title:

PROJECT MANAGER

Firm:

SARGENT CORPORATION

Address:

378 DENNOCK ROAD

STILLWATER, ME 04489

Phone:

207-827-4435

(SEAL)

For more information or to download this form and other permit applications visit the Inspections Division on our website at www.portlandmaine.gov



Certificate of Design

Date: _____

From: _____

These plans and / or specifications covering construction work on:

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the *2003 International Building Code* and local amendments.

Signature: _____

Title: _____

Firm: _____

Address: _____

Phone: _____

(SEAL)

For more information or to download this form and other permit applications visit the Inspections Division on our website at www.portlandmaine.gov



Certificate of Design Application

From Designer: _____
Date: _____
Job Name: _____
Address of Construction: _____

2003 International Building Code

Construction project was designed to the building code criteria listed below:

Building Code & Year _____ Use Group Classification (s) _____
Type of Construction _____
Is there a Fire suppression system in Accordance with Section 903.3.1 of the 2003 IBC? _____ Supervisory alarm system? _____
Is the Structure mixed use? _____ If yes, separated or non separated or non separated (section 302.3) _____
Geotechnical/Soils report required? (See Section 1802.2) _____

Structural Design Calculations

_____ Submitted for all structural members (106.1 – 106.11)

Design Loads on Construction Documents (1603)

Uniformly distributed floor live loads (7603.11, 1807)

Floor Area Use	Loads Shown
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Wind loads (1603.1.4, 1609)

_____ Design option utilized (1609.1.1, 1609.6)
_____ Basic wind speed (1809.3)
_____ Building category and wind importance Factor, w ,
table 1604.5, 1609.5)
_____ Wind exposure category (1609.4)
_____ Internal pressure coefficient (ASCE 7)
_____ Component and cladding pressures (1609.1.1, 1609.6.2.2)
_____ Main force wind pressures (7603.1.1, 1609.6.2.1)

Earth design data (1603.1.5, 1614-1623)

_____ Design option utilized (1614.1)
_____ Seismic use group ("Category")
_____ Spectral response coefficients, SDs & SD1 (1615.1)
_____ Site class (1615.1.5)

_____ Live load reduction
_____ Roof live loads (1603.1.2, 1607.11)
_____ Roof snow loads (1603.7.3, 1608)
_____ Ground snow load, P_g (1608.2)
_____ If $P_g > 10$ psf, flat-roof snow load P_f
_____ If $P_g > 10$ psf, snow exposure factor, C_e
_____ If $P_g > 10$ psf, snow load importance factor, I_s
_____ Roof thermal factor, C_t (1608.4)
_____ Sloped roof snowload, P_s (1608.4)
_____ Seismic design category (1616.3)
_____ Basic seismic force resisting system (1617.6.2)
_____ Response modification coefficient, R , and
deflection amplification factor C_d (1617.6.2)
_____ Analysis procedure (1616.6, 1617.5)
_____ Design base shear (1617.4, 1617.5.1)

Flood loads (1803.1.6, 1612)

_____ Flood Hazard area (1612.3)
_____ Elevation of structure

Other loads

_____ Concentrated loads (1607.4)
_____ Partition loads (1607.5)
_____ Misc. loads (Table 1607.8, 1607.6.1, 1607.7,
1607.12, 1607.13, 1610, 1611, 2404)

CITY OF PORTLAND, MAINE

PLANNING BOARD

David Silk, Chair
Shalom Odokara, Vice Chair
Bill Hall
Joe Lewis
Lee Lowry, III
Janice Tevaman
Michael J. Patterson

May 8, 2009

Paul Bradbury, P.E.
Airport Director
Portland International Jetport
1001 Westbrook St.
Portland, ME 04102

Tony Lombardo, P.E.
OEST Associates
343 Gorham Rd.
South Portland, ME 04106-2317

RE: Deicing Facility
Application ID #: 2008-0137
CBL: 208 A001002

Dear Mr. Bradbury,

On April 14, 2009 the Portland Planning Board considered the Portland International Jetport Terminal Expansion and Deicing Facility proposal. The Planning Board reviewed the proposal for conformance with the Site Plan standards. The Planning Board voted unanimously 6-0 (Lowry absent) to bifurcate consideration of the application into two categories with one category to include all elements of the development proposal that are required to support the deicing facility and the second to be elements of the development proposal not related to the deicing facility. The Planning Board voted unanimously 6-0 (Lowry absent) to approve the proposal to install a deicing fluid storage and recycling area and the concrete aircraft deicing pad including the collection drain trenches and bituminous transition zone.

SITE PLAN REVIEW

1. The Planning Board finds that with the imposition of conditions the plan for the deicing facility is in conformance with the site plan standards of the City of Portland Land Use Code.

i. Conditions of Approval:

1. Prior to issuance of a Building Permit the applicant shall receive approval from the MDEP for all stormwater systems.

The approval is based on the submitted plans and findings related to site plan review standards as contained in Planning Board Report #16-09 which is attached.

Please note the following provisions and requirements for all site plan and subdivision approvals:

1. The site shall be developed and maintained as depicted in the site plan and the written submission of the applicant. Modification of any approved site plan or alteration of a parcel which was the

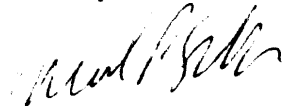
subject of site plan approval after May 20, 1974, shall require the prior approval of a revised site plan by the Planning Board or the planning authority pursuant to the terms of this article. Any such parcel lawfully altered prior to the enactment date of these revisions shall not be further altered without approval as provided herein. Modification or alteration shall mean and include any deviations from the approved site plan including, but not limited to, topography, vegetation and impervious surfaces shown on the site plan. No action, other than an amendment approved by the planning authority or Planning Board, and field changes approved by the Public Services authority as provided herein, by any authority or department shall authorize any such modification or alteration.

2. The above approvals do not constitute approval of building plans, which must be reviewed and approved by the City of Portland's Inspection Division.
3. An inspection fee payment of 2.0% of the guarantee amount and seven (7) final sets of plans must be submitted to and approved by the Planning Division and Public Services Dept. prior to the release of a building permit, street opening permit or certificate of occupancy for site plans.
4. The site plan approval will be deemed to have expired unless work in the development has commenced within one (1) year of the approval or within a time period agreed upon in writing by the City and the applicant. Requests to extend approvals must be received before the expiration date.
5. Final sets of plans shall be submitted digitally to the Planning Division, on a CD or DVD, in AutoCAD format (*.dwg), release AutoCAD 2005 or greater.
6. A defect guarantee, consisting of 10% of the performance guarantee, must be posted before the performance guarantee will be released.
7. Prior to construction, a pre-construction meeting shall be held at the project site with the contractor, development review coordinator, Public Service's representative and owner to review the construction schedule and critical aspects of the site work. At that time, the site/building contractor shall provide three (3) copies of a detailed construction schedule to the attending City representatives. It shall be the contractor's responsibility to arrange a mutually agreeable time for the pre-construction meeting.
8. If work will occur within the public right-of-way such as utilities, curb, sidewalk and driveway construction, a street opening permit(s) is required for your site. Please contact Carol Merritt at 874-8300, ext. 8828. (Only excavators licensed by the City of Portland are eligible.)

Philip DiPierro, Development Review Coordinator, must be notified five (5) working days prior to date required for final site inspection. The Development Review Coordinator can be reached at 874-8632. Please make allowances for completion of site plan requirements determined to be incomplete or defective during the inspection. This is essential as all site plan requirements must be completed and approved by the Development Review Coordinator prior to issuance of a Certificate of Occupancy. Please schedule any property closing with these requirements in mind.

If there are any questions, please contact Eric Giles at (207) 874-8723 or by email at egiles@portlandmaine.gov.

Sincerely,



David Silk, Chair
Portland Planning Board

Attachments:

1. Planning Board Report #16-09

Electronic Distribution:

Penny St. Louis Littell, Director of Planning and Urban Development

Alexander Jaegerman, Planning Division Director

Barbara Barhydt, Development Review Services Manager

Eric Giles, Planner

Philip DiPierro, Development Review Coordinator

Marge Schmuckal, Zoning Administrator

Tammy Munson, Inspections Division Director

Lisa Danforth, Administrative Assistant

Michael Bobinsky, Public Services Director

Kathi Earley, Public Services

Bill Clark, Public Services

David Margolis-Pineo, Deputy City Engineer

Jane Ward, Public Services

Keith Gautreau, Fire

Jeff Tarling, City Arborist

Tom Errico, Wilbur Smith Consulting Engineers

Dan Goyette, Woodard & Curran

Assessor's Office

Approval Letter File

Hard Copy - Project File

DATE _____

MAINE DEPARTMENT OF TRANSPORTATION

APPROVED _____ OFFICE OF PASSENGER TRANSPORTATION

DATE _____

CITY OF PORTLAND

APPROVED _____ AIRPORT DIRECTOR

DATE _____

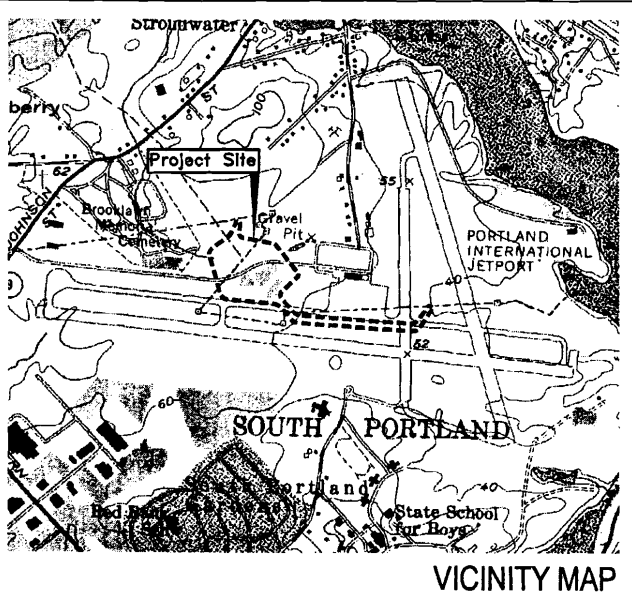
APPROVALS

PORTLAND INTERNATIONAL JETPORT

PORTLAND, MAINE

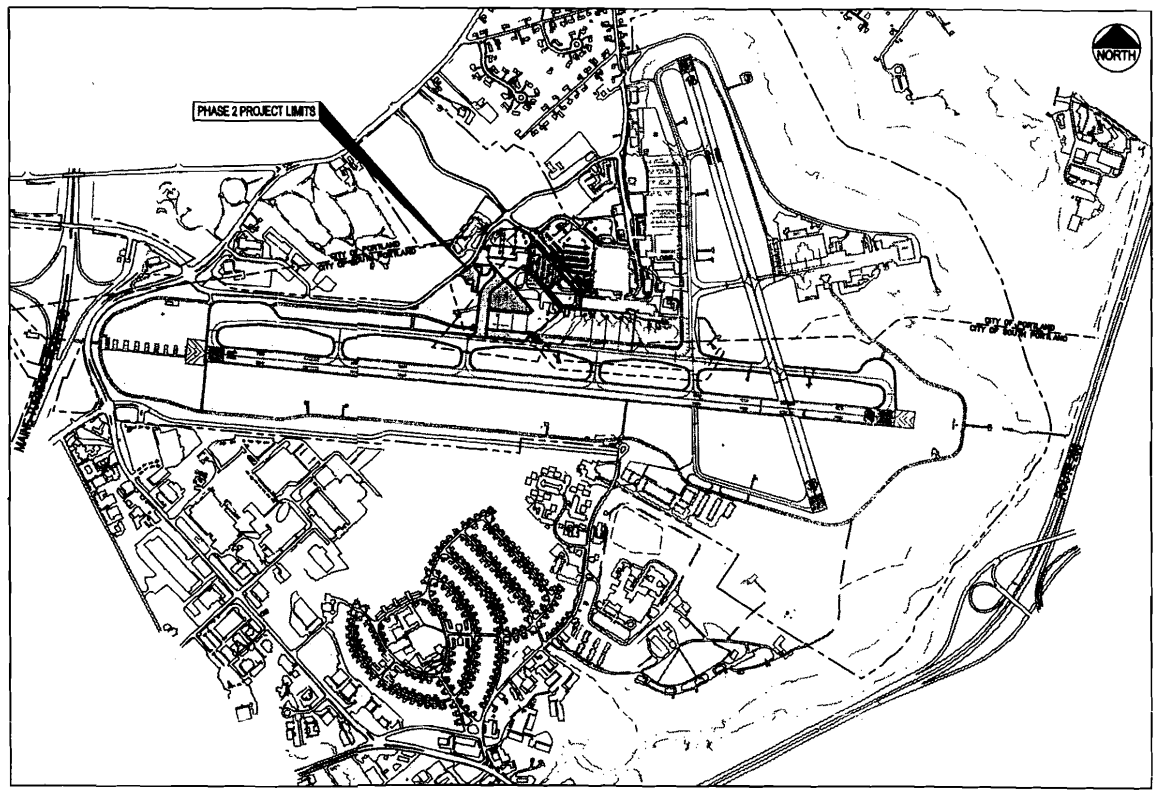
CONSTRUCT TERMINAL APRON PHASE 2 AND DEICING FLUID RECYCLING PROJECT

AIP-3-23-0038-69



P-156-5.3	Stabilized Construction Entrance	5	EA
P-156-5.4	Dirt/Gravel	10	EA
P-156-5.5	Stone Check Dams	14	EA
P-156-5.6	Curlex Mesh Fabric	5,000	SY
P-205-3.1	Crushed Aggregate Base Course	8,550	CY
P-401-8.1	Bituminous Course	2,300	TON
P-501-8.1	Portland Cement Concrete Pavement	7,600	CY
P-501-8.2	Saw Cut Grooving Portland Cement Concrete	940	SY
P-503-5.1	Bituminous Tack Coat	750	GAL
P-607-4.1	Pavement Milling	600	SY
P-607-4.2	Saw Cutting Bituminous Pavement or Concrete	2,700	LF
P-607-4.3	Sew and Seal at Bituminous/Concrete Edge	1,525	LF
P-820-5.1	Apron or Roadway Painting - Airfield	24,200	SF
P-820-5.2	Signs - Arside	1	EA
D-701-6.1	18" Diameter Storm Drain - RCP Class V	1,200	LF
D-701-6.2	24" Diameter Storm Drain - RCP Class V	150	LF
D-701-6.3	36" Diameter Storm Drain - RCP Class V	107	LF
D-701-6.4	42" Diameter Storm Drain - RCP Class V	144	LF
D-701-6.5	54" Diameter Storm Drain - RCP Class V	2,210	LF
D-701-6.6	8" Diameter Storm Drain - PVC - SDR 35	44	LF
D-701-6.7	10" Diameter Storm Drain - PVC - SDR 35	25	LF
D-701-6.8	12" Diameter Storm Drain - PVC - SDR 35	8	LF
D-701-6.9	24" Diameter Storm Drain - PVC - SDR 35	214	LF
D-701-6.10	12" Diameter Storm Drain - Ductile Iron	100	LF
D-701-6.11	18" Diameter Storm Drain - Ductile Iron	260	LF
D-701-6.12	Remove and Backfill Storm Drain Trench	1,200	LF
D-705-6.1	6" Underdrain Pipe (PVC)	3,600	LF
D-751-5.1	Light Duty Catch Basin - 4" Diameter	3	EA
D-751-5.2	Heavy Duty Catch Basin - 4" Diameter	1	EA
D-751-5.3	Light Duty Manhole - 4" Diameter	10	EA
D-751-5.4	Light Duty Manhole - 5" Diameter	2	EA
D-751-5.5	Heavy Duty Catch Basin - 8" Diameter	5	EA
D-751-5.6	Heavy Duty Manhole - 8" Diameter	5	EA
D-751-5.7	Alter Drainage Structure	4	EA
D-751-5.8	Adjust Rims to Grade or Remove and Reset Cover	12	EA
D-751-5.9	6-inch Foundation Drain	70	EA
D-751-5.10	Coating for 8-inch Pipes	8	EA
D-751-5.11	Coating for 10 to 18-inch Pipes	8	EA
D-751-5.12	Remove and Reset Existing Catch Basin or Manhole	1	EA
D-752-6.1	Rip Rap (D50 #8)	15	CY
D-752-6.2	Rip Rap (D50 #12)	590	CY
F-162-6.1	8" Security Fence	1,700	LF
F-162-6.2	Remove 8" Security Fence	1,700	LF
F-162-6.3	28" Automatic Gate	1	EA
F-162-6.4	Temporary Access Gate - Install & Remove	1	EA
L-110-6.1	2" Concrete Airfield Seal	250	LF
L-110-6.2	6" Water Tight Seal Remove/Reset and Temp. Relocate	8	EA
L-112-6.1	Remove and Reset Flashing Edge Light	8	EA
L-112-6.2	2" Core For Light Can or Manhole	5	EA
L-164-6.1	48" x 48" x 36" Concrete Handhole - Heavy Duty	3	EA
T-801-6.1	Seeding	90	UNIT
T-905-6.1	Topsoiling	820	CY
T-906-6.1	Mulching	9,700	SY
100-3.1	Field Office - Engineer	1	LS
100-3.2	Staging Area	1	LS
200-3.1	Traffic Control, Safety and Security Measures	1	LS
300-3.1	Mobilization and Demobilization	1	LS
400-6.1	Hot Mix Asphalt (9.5 mm - 50 gradations) - Sidewalk	12	TON
400-6.2	Hot Mix Asphalt (12.5 mm - 50 gradations)	590	TON
400-6.3	Hot Mix Asphalt (19.0 mm - 50 gradations)	1,000	TON
500-5.1	Crushed Aggregate Base Course (MDOT) Type A	600	CY
600-5.1	Subbase Course (MDOT) Type D	3,850	CY
700-3.1	Work Related to Portland Pipeline	1	LS
800-3.2	Unit Pavers	22	SF
900-3.1	Slope - Deicing Facility	4	SF
1000-6.1	2" Water Line	10	LF
1000-6.2	6" Water Line	126	LF
1100-7.1	2" Sanitary Force Main	500	LF
1100-7.2	4" Sanitary Force Main	390	LF
1100-7.3	6" Sanitary Gravity Sewer	10	LF
1200-4.1	500,000-gallon Underground Storage Tank	1	LS
1200-4.2	Automatic Valve Pit	1	LS
1200-4.3	E-One Pump Station	1	LS
1300-4.4	4" Diameter Sewer Manhole	1	EA
1300-5.1	Deicing Fluid Treatment Building	1	LS
1400-8.1	Trees, Plants and Ground Covers	1	LS
1500-8.1	Pipe Jacking - 54" Storm Drain	1	LS
1600-8.1	Bollards	21	EA
1600-8.2	Striping - Non Airfield	600	SF
1700-6.1	Granite Curb - New	110	LF
1700-6.2	Granite Curb - Tipstone	4	EA
1700-6.3	Granite Curb - Remove and Reset	180	LF
1800-4.1	Water Quality Filter	1	LS
1800-4.1	Apron and Deicing Facility Lighting and Electrical	1	LS

BID ITEMS AND QUANTITIES

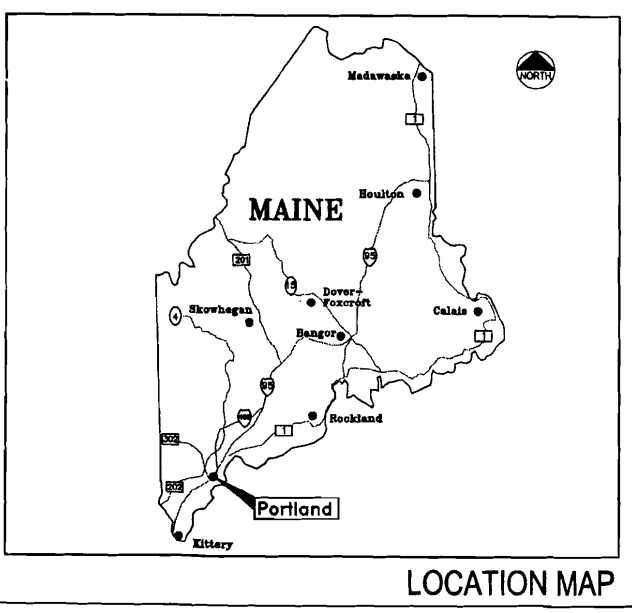


DeLUCA - HOFFMAN ASSOC, INC. CERTIFIES THAT THE PLANS AND SPECIFICATIONS FOR THE PROJECT WERE PREPARED IN ACCORDANCE WITH CRITERIA CONTAINED IN THE CURRENT EDITION OF F.A.A. ADVISORY CIRCULARS.

Dwight D. Anderson 10-18-09
Dwight D. Anderson, P.E.
Senior Engineer

140 JETPORT
BOULEVARDS

CITY OF PORTLAND + PORTLAND INTERNATIONAL JETPORT

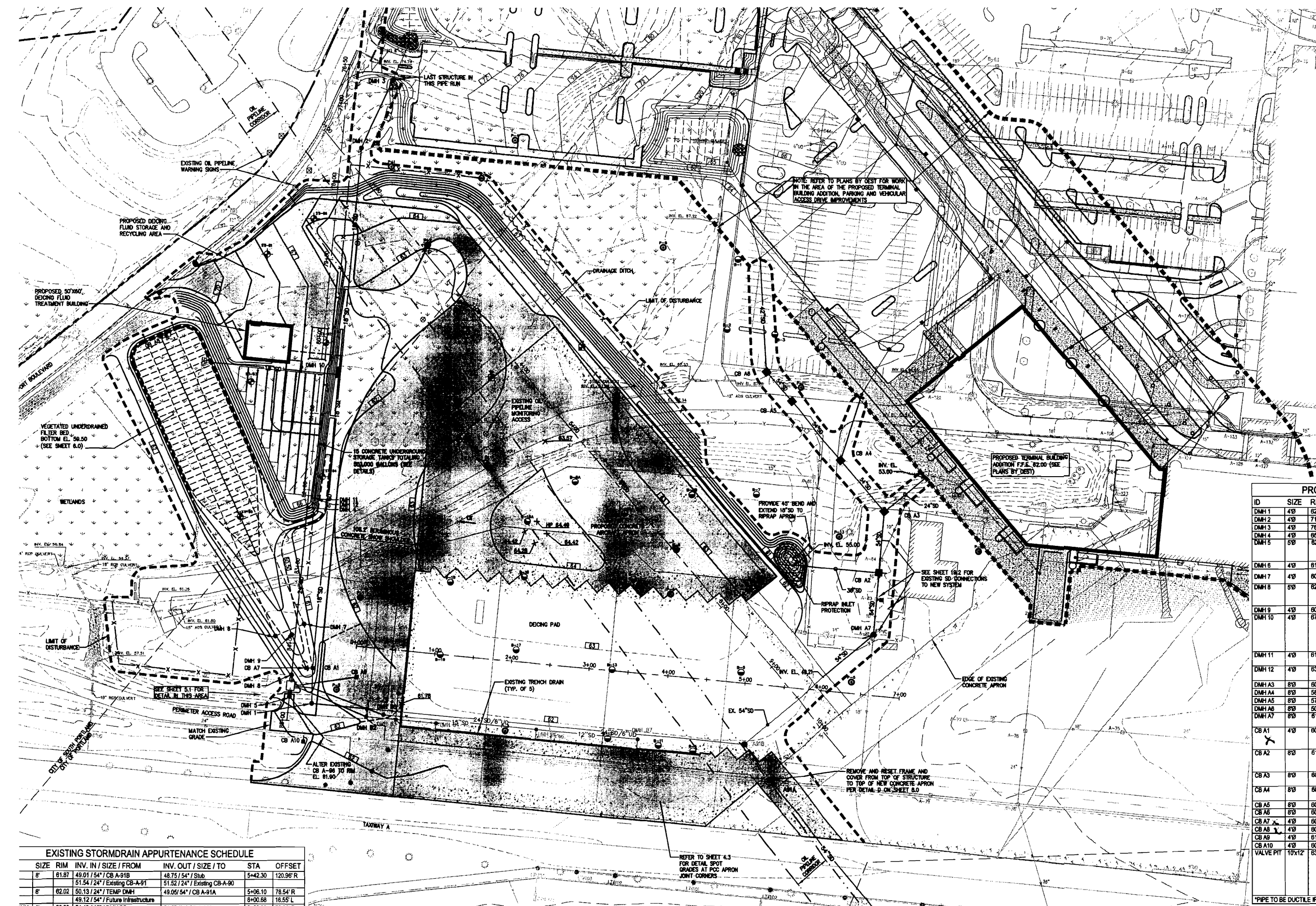


1.0	Cover Sheet	5.5	Deicing Fluid Storage and Recovery Facility Utility Plan and Profile
2.0	Safety Plan Areas	6.0	Aircraft Apron Water Quality Filter #1 Plan, Baseline and Cross Sections
2.1	Safety Plan 1	7.0	Site Details
2.2	Safety Plan 2	8.0	Drainage Details- Sheet 1 of 2
2.3	Safety Plan 3	8.1	Drainage Details- Sheet 2 of 2
2.4	Safety Plan 4	9.0	Erosion Control Details
2.5	Safety Plan 5	9.1	Erosion Control and Staging Area Details
2.6	Safety Plan 6	9.2	Erosion and Sediment Control Narrative
2.7	Safety Plan 7	10.0	Fence and Landscape Details
2.8	Safety Plan 8	11.0	Electrical Details- Sheet 1 of 2
2.9	Safety Plan 9	12.0	Electrical Details- Sheet 2 of 2
3.0	General Notes and Legend Plan	13.0	Water and Sewer Details
4.0	Aircraft Apron Layout Plan	14.0	Aircraft Apron Details- Sheet 1 of 3
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INDEX OF SHEETS

OWNER / APPLICANT:
City of Portland / Portland International Jetport
1001 WESTBROOK STREET
PORTLAND, ME 04102

		PROJECT: CONSTRUCT TERMINAL APRON PHASE 2 AND DEICING FLUID RECYCLING PROJECT AIP-3-23-0038-69 SHEET TITLE: COVER SHEET															
REVISIONS <table border="1"> <tr><th>REV</th><th>DATE</th><th>DESCRIPTION</th></tr> <tr><td>3</td><td>10.18.09</td><td>RELEASED FOR BID</td></tr> <tr><td>2</td><td>10.12.09</td><td>ISSUED TO FAA AND MDOT FOR REVIEW</td></tr> <tr><td>1</td><td>C. 23.09</td><td>ISSUED TO FAA AND MDOT FOR REVIEW</td></tr> </table>		REV	DATE	DESCRIPTION	3	10.18.09	RELEASED FOR BID	2	10.12.09	ISSUED TO FAA AND MDOT FOR REVIEW	1	C. 23.09	ISSUED TO FAA AND MDOT FOR REVIEW	CLIENT: PORTLAND INTERNATIONAL JETPORT PORTLAND, MAINE		Deluca-Hoffman Associates, Inc. 778 MAIN STREET, SUITE 8 SOUTH PORTLAND, ME 04106 207.776.1121 WWW.DELUCAHOFFMAN.COM DRAWN: DMB DATE: OCT. 2009 DESIGNED: ASN SCALE: AS SHOWN CHECKED: DDA JOB NO.: 2819 FILE NAME: PH22819-COV SHEET: 1.0	
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CONSTRUCTION CENTERLINE	---
EDGE OF PAVEMENT	---
PROPERTY LINE	---
LIMIT OF DISTURBANCE	---
STORMDRAIN	---
WATER LINE	---
SPRING HIGH TIDE	---
TREELINE	---
LIGHTS	○
MANHOLE	●
CATCH BASIN	■
SPOT GRADE	▲ (47.98) ▲ (47.75)
WETLANDS	▭
PAVEMENT	▭ (PAVED)
BUILDING	▭
CONCRETE	▭

GEOTECHNICAL INVESTIGATION NOTE:

GEOTECHNICAL INVESTIGATIONS BY ATC ASSOCIATES, INC OF AVON, MA SUMMARIZED IN A REPORT TITLED "PORTLAND JETPORT APRON RECONSTRUCTION" DATED OCTOBER 8, 2008.

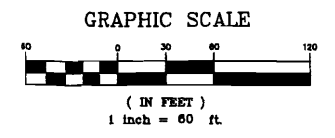
- PLATE LOAD TEST BY ATC
- BORING BY ATC / MAINE TEST BORINGS
- TEST PITS BY ATC

GEOTECHNICAL INVESTIGATIONS BY SEBAGO TECHNICS OF WESTBROOK, ME AS SUMMARIZED IN A REPORT TITLED "REPORT ON SUBSURFACE AND FOUNDATION INVESTIGATION PROPOSED TERMINAL AIRCRAFT APRON EXPANSION PORTLAND, MAINE" DATED JANUARY 23, 2009.

- NUMBER AND APPROXIMATE LOCATION OF BORINGS DRILLED BY MAINE TEST BORINGS, INC. ON OCTOBER 1 AND 2, 2008
- NUMBER AND APPROXIMATE LOCATION OF TEST PITS EXCAVATED BY R.J. GRONON AND SONS ON OCTOBER 8, 2008

ID	SIZE	RIM	INV. IN / SIZE / FROM	INV. OUT / SIZE / TO	STA	OFFSET
DMH 1	4'0"	62.25	51.88 / 18" / CBA1	51.78 / 24" / TO EX. 24" SD	84+75.08	29.5' L
DMH 2	4'0"	71.50	68.00 / 18" / DMH 3	55.09 / 18" / DMH 11	77+54.13	25.47' L
DMH 3	4'0"	78.50	72.00 / 18" / STUB / CAPPED	66.90 / 18" / DMH 2	76+64.46	56.57' L
DMH 4	4'0"	66.00	62.80 / 24" / DMH 6	50.75 / 24" / TANK FARM	82+21.95	0'
DMH 5	5'0"	82.50	53.80 / 18" / VALVE PIT	53.70 / 18" / EX. CB A6	84+66.18	0'
			56.30 / 18" / VALVE PIT			
DMH 6	4'0"	61.25	52.90 / 18" / UD / FILTER BED	52.80 / 6" / UD / DMH 7	83+93.11	25.09' R
DMH 7	4'0"	60.75	52.90 / 18" / UD / FILTER BED	52.54 / 6" / UD / CB A1	83+73.80	9.94' L
DMH 8	5'0"	62.75	52.84 / 8" / UD / DMH 6		84+50.00	0'
			53.80 / 18" / VALVE PIT	53.70 / 24" / DMH 4		
			56.30 / 18" / VALVE PIT			
DMH 9	4'0"	60.25	55.48 / 8" / CB A8	52.50 / 8" / CB A7	83+89.27	4.37' R
DMH 10	4'0"	67.00	44.98 / 12" / HEADER / TANK FARM	62.00 / 6" / SUCTION PIPE / BLDG	80+42.15	24.67' R
			44.98 / 12" / HEADER / TANK FARM			
			45.30 / 12" / TANK			
			43.25 / 6" / UD / TANK PERIMETER			
			43.25 / 6" / UD / TANK PERIMETER			
DMH 11	4'0"	61.00	53.26 / 18" / TANK PERIMETER	53.18 / 18" / CB A1	82+10.31	6.67' L
DMH 12	4'0"	63.00	54.37 / 6" / UD / TANK PERIMETER	54.27 / 6" / UD / DMH 11	82+10.31	28.08' L
			54.37 / 6" / UD / TANK PERIMETER			
DMH A3	8'0"	60.56	48.24 / 54" / DMH A1A	41.97 / 54" / DMH A4	20+05.00	0'
DMH A4	8'0"	58.67	41.35 / 54" / DMH A3	41.25 / 54" / DMH A5	18+77.42	0'
DMH A5	8'0"	57.33	39.87 / 54" / DMH A4	38.77 / 54" / DMH A6	16+04.17	0'
DMH A6	8'0"	50.61	34.94 / 54" / DMH A5	34.84 / 54" / OUTFALL	5+79.87	0'
DMH A7	8'0"	61.88	49.58 / 54" / CB A2	49.48 / 54" / EX. 54" SD	3+06.87	0'
			53.70 / 18" / CB A2			
CB A1	4'0"	60.90	52.30 / 18" / DMH 11	52.42 / 12" / CB A7	84+28.72	28.37' L
			52.42 / 12" / CB A7			
CB A2	8'0"	61.45	49.85 / 54" / CB A3	48.75 / 54" / DMH A7	9+51.13	243.18' L
			54.00 / 24" / FUTURE CB			
			54.00 / 36" / RR INLET			
CB A3	8'0"	60.88	50.09 / 54" / CB A4	49.99 / 54" / CB A2	8+51.13	242.43' L
			52.50 / 24" / STUB			
CB A4	8'0"	60.88	50.38 / 54" / CB A5	50.28 / 54" / CB A3	7+51.13	241.69' L
			52.30 / 18" / DEST. MH			
CB A5	8'0"	60.88	50.67 / 54" / CB A6	50.57 / 54" / CB A4	6+51.13	240.94' L
CB A6	8'0"	60.88	51.03 / 42" / DEST. MH	50.76 / 54" / CB A5	6+01.13	240.57' L
CB A7	4'0"	60.50	52.40 / 8" / DMH 9	52.35 / 8" / CB A1	84+30.32	18.26' L
CB A8	4'0"	60.50	58.82 / 8" / CB A7		80+07.77	208.35' R
CB A9	4'0"	61.34	---	57.59 / 12" / VALVE PIT	5+03.85	39.70' L
CB A10	4'0"	60.00	---	55.00 / 12" / EX. 24" SD	5+41.84	523.88' R
VALVE PIT	10'x12"	63.00	53.80 / 18" / DMH 5	53.80 / 18" / DMH 8	84+55.00	0'
			55.30 / 18" / DMH 8			
			56.80 / 12" / CB A9	56.30 / 18" / DMH 5		
				56.80 / 12" / DMH 8		

SIZE	RIM	INV. IN / SIZE / FROM	INV. OUT / SIZE / TO	STA	OFFSET
8"	61.87	49.01 / 54" / CB A-91B	48.75 / 54" / Stub	5+42.30	120.96' R
		51.54 / 24" / Existing CB-A91	51.52 / 24" / Existing CB-A90		
8"	62.02	50.13 / 24" / TEMP DMH1	49.09 / 54" / CB A-91A	5+06.10	78.54' R
		49.12 / 54" / Future Infrastructure		8+00.68	16.55' L
DMH 6"	60.98	54.49 / 15" / DMH B5	51.57 / 24" / CB A-81B	0+20.92	78.89' R
		55.39 / 15" / DMH B2			
6"	61.17	55.62 / 12" / DMH B3	55.40 / 12" / TEMP. DMH	0+20.92	89.09' R
6"	61.46	56.51 / 12" / DMH B8	55.79 / 12" / DMH B2	0+58.55	89.10' R
		56.84 / 12" / Trench Drains #4 & 5			
		55.81 / 12" / DMH B4			
6"	61.75	57.16 / 12" / Trench Drain #3	56.59 / 12" / DMH B3	1+10.05	89.10' R
6"	61.34	54.57 / 15" / DMH B6	54.51 / 15" / TEMP DMH	0+42.17	84.59' R
6"	61.90	56.33 / 12" / DMH B7	56.18 / 15" / DMH B5	2+40.05	84.62' R
		56.88 / 12" / Trench Drain #2			
6"	61.93	57.18 / 12" / Trench Drain #1	56.73 / 12" / DMH B6	3+70.05	84.84' R
6"	61.79	57.25 / 12" / Trench Drain #6	56.82 / 12" / DMH B3	0+58.56	55.60' R



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REVISIONS

P.E. DWIGHT D. ANDERSON
LIC. #9275

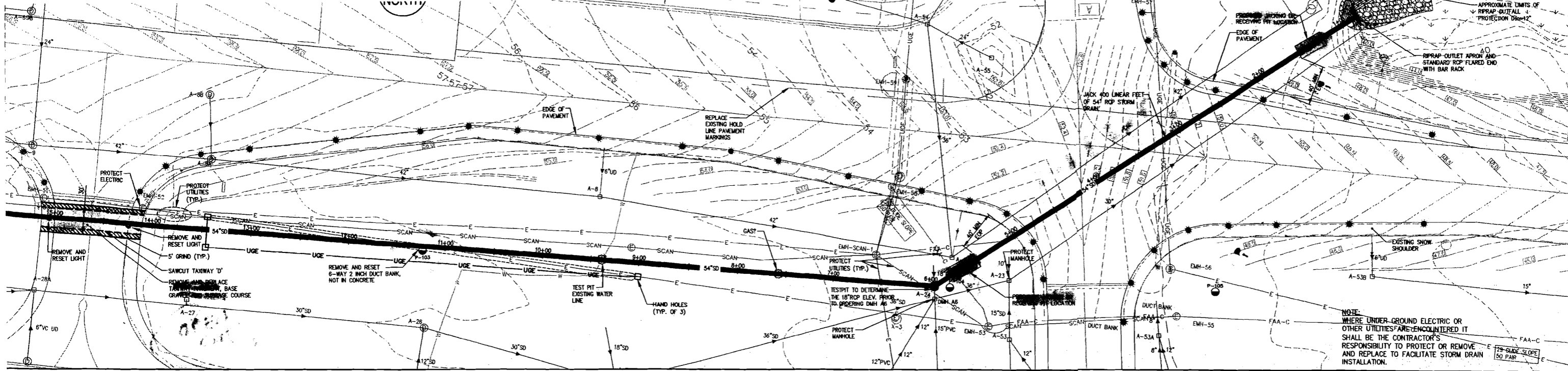
PROJECT CONSTRUCT TERMINAL APRON
PHASE 2 AND DEICING FLUID RECYCLING
PROJECT AIP-3-23-0038-69

SHEET TITLE
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DRAINAGE PLAN**

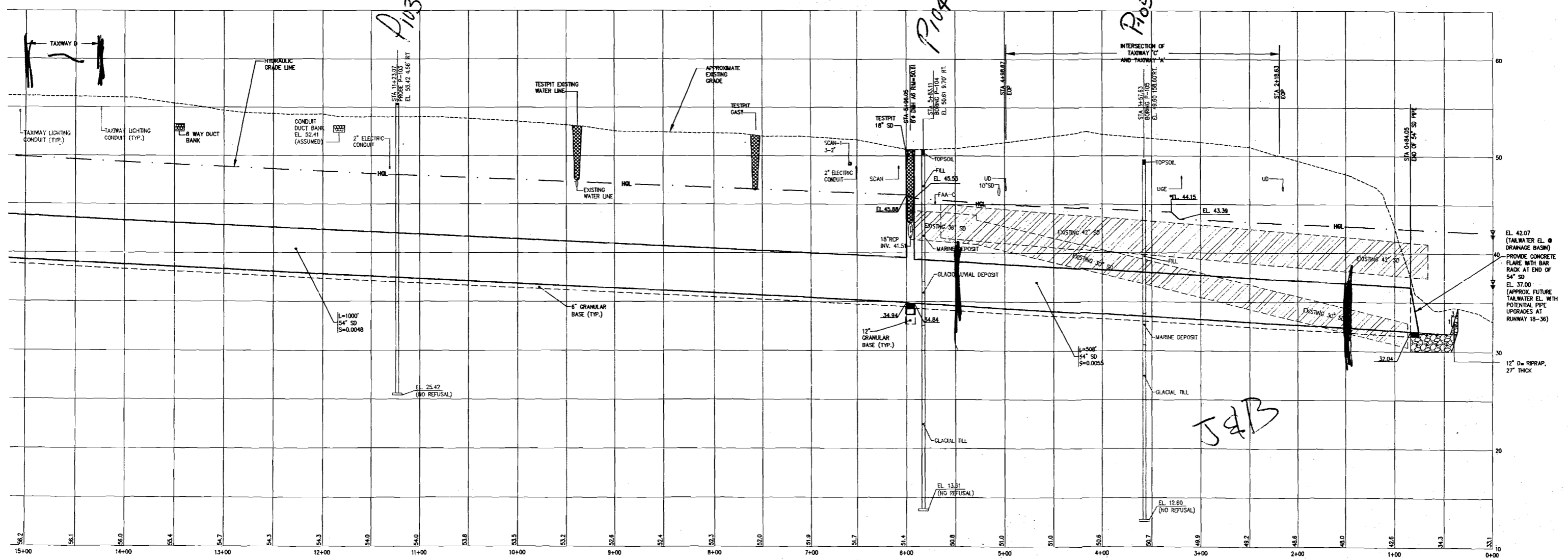
CLIENT
PORTLAND INTERNATIONAL JETPORT
PORTLAND, MAINE

DeLUCA-HOFFMAN ASSOCIATES, INC.
775 MAIN STREET, SUITE 1
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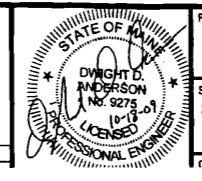
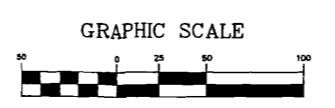
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54 INCH STORM DRAIN PLAN
SCALE: 1"=50'



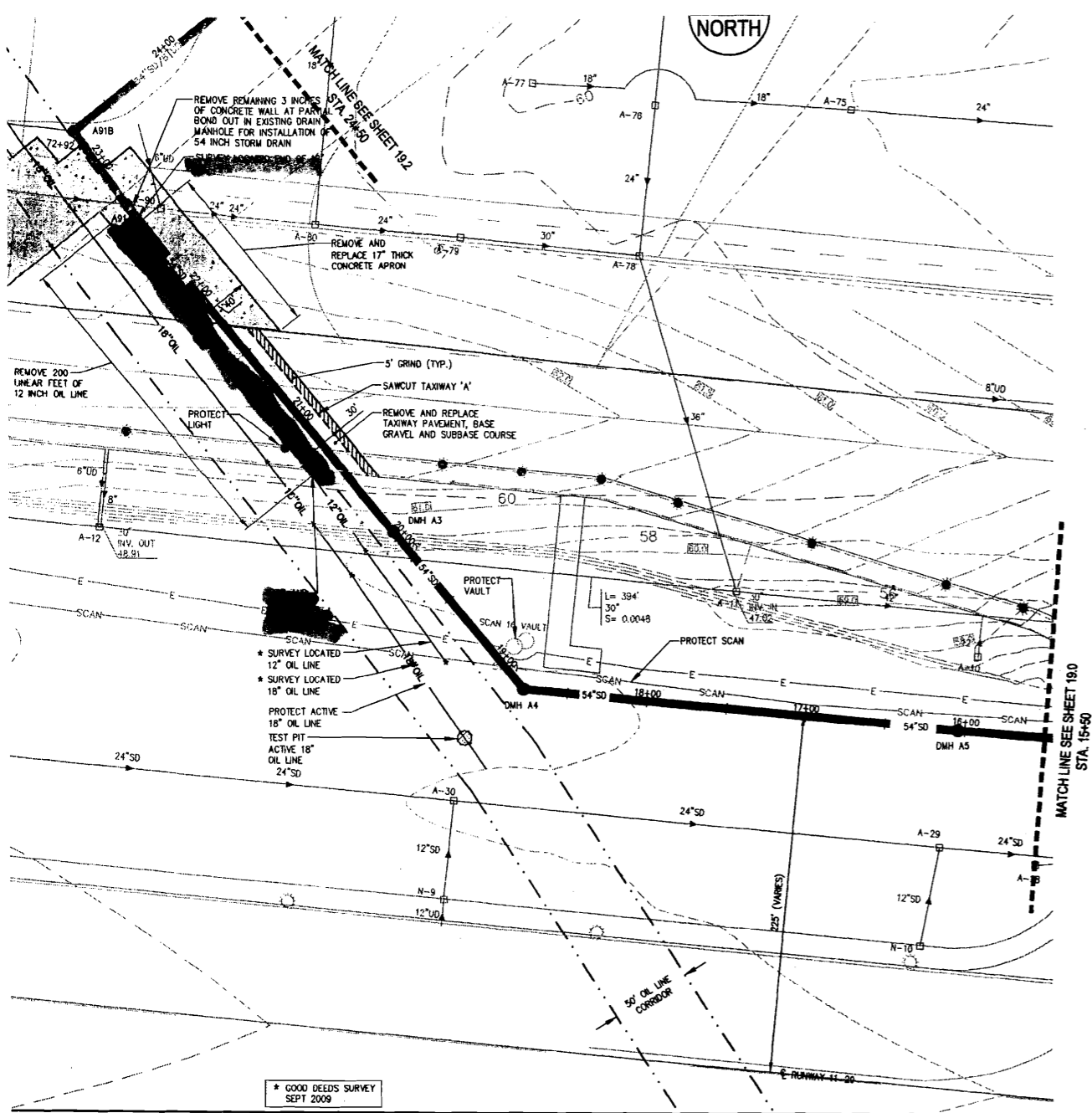
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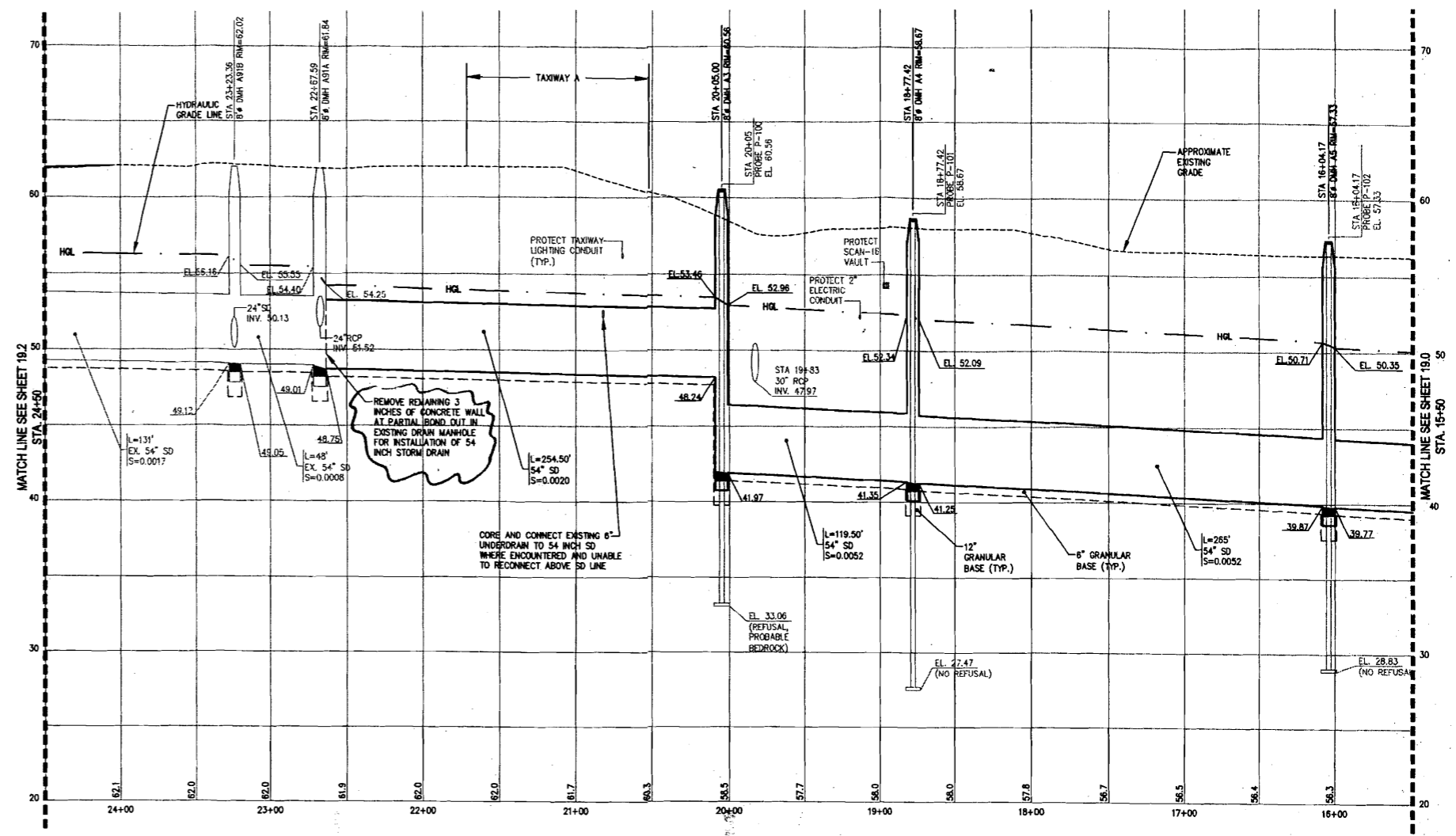
PROJECT CONSTRUCT TERMINAL APRON
PHASE 2 AND DEICING FLUID
RECYCLING PROJECT AIP-3-23-0038-69
SHEET TITLE
54" STORM DRAIN PLAN AND PROFILE
SHEET 1 OF 3

DH DeLUCA-HOFFMAN ASSOCIATES, INC.
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DRAWN: DMB DATE: OCT 2008
DESIGNED: OSC SCALE: 1"=50'
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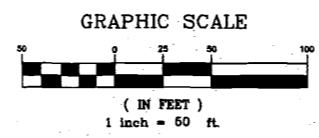
54 INCH STORM DRAIN PLAN
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54 INCH STORM DRAIN PROFILE
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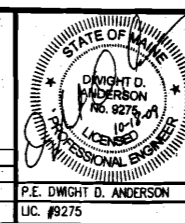
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PROJECT CONSTRUCT TERMINAL APRON
PHASE 2 AND DEICING FLUID
RECYCLING PROJECT AIP-3-23-0038-69

SHEET TITLE
54" STORM DRAIN PLAN AND PROFILE
SHEET 2 OF 3

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