

City of Portland, Maine - Building or Use Permit Application
 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 04-0307	Issue Date: APR 17 2004	CBL: 143 A065001
-----------------------	----------------------------	---------------------

Location of Construction: 978 Forest Ave	Owner Name: Pickus Owen B	Owner Address: 2 Chabot St	Phone:
Business Name:	Contractor Name: Sheridan Corporation	Contractor Address: PO Box 359 Fairfield	Phone: 2074539311
Lessee/Buyer's Name	Phone:	Permit Type: Amendment to Commercial	Zone: RP

Past Use: Office Space	Proposed Use: Office Space; Amendment to permit #04-0128: Interior tenant fit-up, all three floors	Permit Fee: \$2,496.00	Cost of Work: \$275,000.00	CEO District: 4
		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: B Type: 5B 4/15/04 <i>[Signature]</i>	

Proposed Project Description:
 Amendment to permit #04-0128: Interior tenant fit-up, all three floors

Signature: *[Signature]* Signature: *[Signature]*

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: Approved Approved w/Conditions Denied

Signature: _____ Date: _____

Permit Taken By: Idobson	Date Applied For: 03/24/2004	Zoning Approval
-----------------------------	---------------------------------	------------------------

<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>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland</p> <p><input type="checkbox"/> Wetland</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p>Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/></p> <p>Date: 4/1/04</p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date: _____</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in District or Landmark</p> <p><input type="checkbox"/> Does Not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p>Date: _____</p>
	<p><i>Separate permits are required for any new signage</i></p>		

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 _____



The Sheridan Corporation

PO Box 359, Fairfield, ME 04937
 Phone (207) 453-9311, Fax (207) 453-2820
 PO Box 689, Westbrook, ME 04098
 Phone (207) 774-6138, Fax (207) 774-2885
 www.sheridancorp.com

LETTER OF TRANSMITTAL

DATE	3-303-04	JOB NO.	M-031051
ATTENTION	Mr. Michael Nugent, B. I.		
RE	Revised Plans for a Building Permit Application Maine Centers for Health Care 980 Forest Avenue Portland, Maine 04101		

TO City of Portland, Maine
City Hall, Room 315
389 Congress St. Portland, Me. 04101

GENTLEMEN:

WE ARE SENDING YOU Attached Under separate cover via Hand Carry the following items:
 Shop drawings Prints Plans and Check Samples Specifications
 Copy of letter Change order

COPIES	DATE	NO.	DESCRIPTION
3	3-19-04	D1	Existing Conditions Plan @ Second Floor
3	3-19-04	D2	Existing Conditions Plan @ First Floor
3	3-19-04	D3	Existing Conditions Plan @Third Floor/Attic
3	3-29-04	D4	Second Floor Renovation Plan
3	3-29-04	D5	First Floor Renovation Plan
3	3-19-04	D6	Third Floor/Attic Renovation Plan
3	3-18-04	D7	Second Floor Demolition Plan
3	3-18-04	D8	First Floor Demolition Plan
3	3-18-04	D9	Third floor/Attic Demolition Plan
3	3-19-04	D10	Wall and Ceiling Renovation Details
3	3-23-04	D11	Room and Door Finish Schedule

THESE ARE TRANSMITTED as checked below:

For approval Approved as submitted Resubmit _____ copies for approval
 For your use Approved as noted Submit _____ copies for distribution
 As requested Returned for corrections Return _____ corrected prints
 For review and comment _____
 FOR BIDS DUE _____ 20 _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS:

SIGNED: *Michael Nugent, B.I.*

This is to serve as a revised set of plans for this project. Plan sheets D4 and D5 were updated to reflect a mechanical handicap lift in lieu of the ramp and a sectional view of the rear landing/stair and railing detail. We enclose an additional \$105.00 to cover the cost of the building Permit as requested.

Thank you for your time and understanding.

Dana C. Sturtevant, P. E.

Engineering Manager

COPY TO: Ms. Connie Nadeau, MCHC, G. Owen, TSC

SIGNED: _____

Dana C. Sturtevant, P.E.

If enclosures are not as noted, kindly notify us at once.



The Sheridan Corporation

PO Box 359, Fairfield, ME 04937
 Phone (207) 453-9311, Fax (207) 453-2820
 PO Box 689, Westbrook, ME 04098
 Phone (207) 774-6138, Fax (207) 774-2885
 www.sheridancorp.com

LETTER OF TRANSMITTAL

DATE	3-303-04	JOB NO.	M-031051
ATTENTION	Mr. Michael Nugent, B. I.		
RE	Revised Plans for a Building Permit Application Maine Centers for Health Care 980 Forest Avenue Portland, Maine 04101		

TO City of Portland, Maine
City Hall, Room 315
389 Congress St. Portland, Me. 04101

GENTLEMEN:

- WE ARE SENDING YOU Attached Under separate cover via Hand Carry the following items:
 Shop drawings Prints Plans and Check Samples Specifications
 Copy of letter Change order

COPIES	DATE	NO.	DESCRIPTION
3	3-19-04	D1	Existing Conditions Plan @ Second Floor
3	3-19-04	D2	Existing Conditions Plan @ First Floor
3	3-19-04	D3	Existing Conditions Plan @Third Floor/Attic
3	3-29-04	D4	Second Floor Renovation Plan
3	3-29-04	D5	First Floor Renovation Plan
3	3-19-04	D6	Third Floor/Attic Renovation Plan
3	3-18-04	D7	Second Floor Demolition Plan
3	3-18-04	D8	First Floor Demolition Plan
3	3-18-04	D9	Third floor/Attic Demolition Plan
3	3-19-04	D10	Wall and Ceiling Renovation Details
3	3-23-04	D11	Room and Door Finish Schedule

THESE ARE TRANSMITTED as checked below:

- For approval Approved as submitted Resubmit _____ copies for approval
 For your use Approved as noted Submit _____ copies for distribution
 As requested Returned for corrections Return _____ corrected prints
 For review and comment
 FOR BIDS DUE _____ 20 _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS:

SIGNED: *Michael Nugent* AE


This is to serve as a revised set of plans for this project. Plan sheets D4 and D5 were updated to reflect a mechanical handicap lift in lieu of the ramp and a sectional view of the rear landing/stair and railing detail. We enclose an additional \$105.00 to cover the cost of the building Permit as requested.

Thank you for your time and understanding.

Dana C. Sturtevant, P. E.

Engineering Manager

COPY TO: Ms. Connie Nadeau, MCHC, G. Owen, TSC

SIGNED:  P.E.

If enclosures are not as noted, kindly notify us at once.

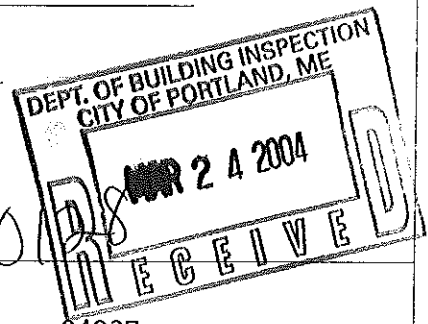


04-0306

Commercial 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>980 Forest Avenue</u>		
Total Square Footage of Proposed Structure <u>10,500 sq.ft. footprint</u>		Square Footage of Lot <u>70,000 sq.ft.</u>
Tax Assessor's Chart, Block & Lot Chart# <u>143</u> Block# <u>A</u> Lot# <u>065</u>	Owner: <u>Owen Pickus</u> <u>Maine Centers for Healthcare</u>	Telephone: <u>(207) 857-9311</u>
Lessee/Buyer's Name (If Applicable) <u>n/a</u>	Applicant name, address & telephone: <u>The Sheridan Corporation</u> <u>33 Sheridan Drive</u> <u>P.O. Box 359</u> <u>Fairfield, Me. 04937</u>	Cost Of Work: \$ <u>10,000</u> Fee: \$ <u>30.</u> Additional for Demo <u>per Mr. Nugent</u>
Current Specific use: <u>Business Offices - Multiple Tenant</u>		
Proposed Specific use: <u>Same</u>		
Project description: <u>To accomplish demolition of offices as outlined on plans and on cover letter.</u>		
<u>Amendment to permit 04-0118</u>		
Contractor's name, address & telephone: <u>The Sheridan Corporation</u> <u>P.O. Box 359, Fairfield, Me. 04937</u>		
Who should we contact when the permit is ready: <u>Dana Sturtevant</u>		
Mailing address: <u>The Sheridan Corporation</u> <u>P.O. Box 359</u> <u>Fairfield, Me. 04937</u>		
		Phone: <u>(207) 453-9311</u>



Please submit all of the information outlined in the Residential Application Checklist. Failure to do so will result in the automatic denial of your permit.

At the discretion of the Planning and Development Department, additional information may be required prior to permit approval. For further information stop by the Building Inspections 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:	Date:
-------------------------	-------

Permit Fee: \$30.00 for the first \$1000.00 Construction Cost, \$9.00 per additional \$1000.00 cost

This is not a Permit; you may not commence any work until the Permit is issued.



The Sheridan Corporation

PO Box 359, Fairfield, ME 04937
 Phone (207) 453-9311, Fax (207) 453-2820
 PO Box 689, Westbrook, ME 04098
 Phone (207) 774-6138, Fax (207) 774-2885
 www.sheridancorp.com

LETTER OF TRANSMITTAL

DATE	3-23-04	JOB NO.	M-031051
ATTENTION	Mr. Michael Nugent, B. I.		
RE	Building Permit Application Maine Centers for Health Care 980 Forest Avenue Portland, Maine 04101		

TO City of Portland, Maine
City Hall, Room 315
389 Congress St. Portland, Me. 04101

GENTLEMEN:

WE ARE SENDING YOU Attached Under separate cover via Hand Carry the following items:
 Shop drawings Prints **Plans** Samples Specifications
 Copy of letter Change order _____

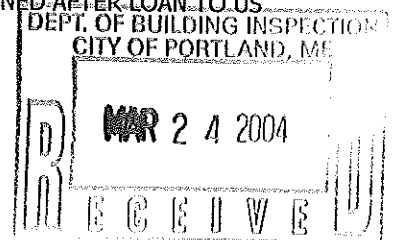
COPIES	DATE	NO.	DESCRIPTION
3	3-23-04	N. A.	Building Renovation Cover Letter
3	3-19-04	D1	Existing Conditions Plan @ Second Floor
3	3-19-04	D2	Existing Conditions Plan @ First Floor
3	3-19-04	D3	Existing Conditions Plan @Third Floor/Attic
3	3-19-04	D4	Second Floor Renovation Plan
3	3-19-04	D5	First Floor Renovation Plan
3	3-19-04	D6	Third Floor/Attic Renovation Plan
3	3-19-04	D10	Wall and Ceiling Renovation Details
3	3-23-04	D11	Second Floor Emergency Lighting and Exit Signage
3	3-23-04	D12	First Floor Emergency Lighting and Exit Signage
3	3-23-04	D13	Room and Door Finish Schedule
3	3-23-04	ST-1	Second Floor Rear Step and Railing Spec. Sheet (2 pages)
3	3-23-04	HCL-1	Second Floor handicap Lift Spec. and Detail Sheet (4 pages)

THESE ARE TRANSMITTED as checked below:

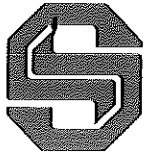
For approval Approved as submitted Resubmit _____ copies for approval
 For your use Approved as noted Submit _____ copies for distribution
 As requested Returned for corrections Return _____ corrected prints
 For review and comment _____
 FOR BIDS DUE _____ 20 _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS:

143 A 65



SIGNED: _____



Sheridan

March 19, 2004

The Sheridan Corporation

PO Box 359 Fairfield, ME 04937

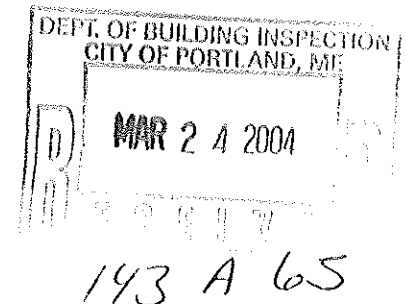
Phone (207)453-9311

Fax (207)453-2820

www.sheridancorp.com

Mr. Michael Nugent, Codes Office
City of Portland
389 Congress St., Room 315
Portland, Maine 04101

**Re: Demolition Permit Application Submission
Maine Center for Health Care - 980 Forest Ave.**



Dear Mr. Nugent:

We enclose our permit application for the demolition portion of this project located at 980 Forest Avenue owned by Maine Centers for Health Care, 2 Chabot St., Westbrook, Maine. Once we receive a building permit for the renovations of this space, our work will include work to meet fire code and life safety issues and to provide new space allocation for two new business tenants. One tenant will occupy a portion for the second floor and provide physical therapy to Maine Centers for Health Care (MCHC) therapy patients. The second tenant's use will be for a business office which will complete the build out for this floor.

Our demolition work will be restricted to the following items:

First Floor:

1. Remove existing barn boards in the hallway, lobby and stairway.
2. Remove suspended ceiling tile in the above areas.
3. Remove electrical and communication equipment from under and behind existing stairs.
4. Remove electrical water heater and storage tank and all storage materials from under the stairs.
5. Remove double glass/aluminum entrance door.
6. Remove electric baseboard heat from hallways and corridor.

Second Floor:

1. Remove carpeting in the existing offices and rooms as noted on the plans.
2. Remove suspended ceiling tiles throughout the renovated areas.
3. Remove non-load bearing walls and doors to accommodate future offices and open areas.
4. Remove toilet facilities that will not be reused. Plug all drains and pipes temporarily or permanently as per plumbing code requirements.
5. Possible removal of a non-load bearing wall to accommodate a handicap lift if required.
6. Remove closet door at stairway leading to third floor.
7. Remove double glass/aluminum entrance door.
8. Remove ramp and stairs in existing lobby.



Sheridan

Third Floor:

1. Removal of an attic access door. (to remain until we receive permission to install a new one).
2. Remove storage materials for attic space.
3. Remove boiler and relocate on second floor.

In all cases, we will maintain egress required to provide security and safety to the occupants until new doors can be installed. We will maintain electrical and plumbing in a safe condition until new equipment and connections can be made. The 1st floor demolition work will be delayed until new elements can be installed to reduce the inconvenience to the existing tenants. All demolition materials will be disposed of in a lawful manner. A dumpster will be provided to accept the debris and emptied when full. It will be located at the rear of the building in the existing parking lot and barricaded with reflective tape and/or barricades and traffic cones.

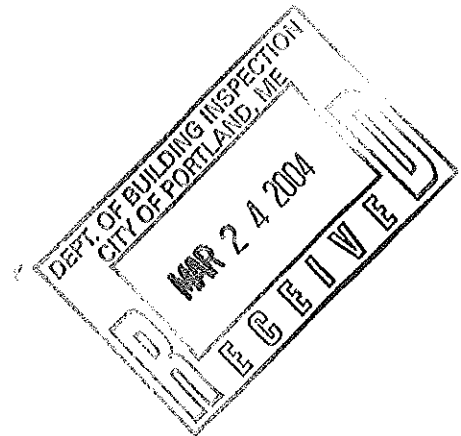
We stand ready to address any questions you may have as we are in hopes of getting started on this project by March 29th, 2004 or sooner.

Sincerely,

Dana C. Sturtevant, P. E.
Engineering Manager

143A65

Enclosure





The Sheridan Corporation

PO Box 359, Fairfield, ME 04937
 Phone (207) 453-9311, Fax (207) 453-2820
 PO Box 689, Westbrook, ME 04098
 Phone (207) 774-6138, Fax (207) 774-2885
 www.sheridancorp.com

LETTER OF TRANSMITTAL

DATE	3-23-04	JOB NO.	M-031051
ATTENTION	Mr. Michael Nugent, B. I.		
RE	Demolition Permit Application Maine Centers for Health Care 980 Forest Avenue Portland, Maine 04101		

TO City of Portland, Maine
City Hall, Room 315
389 Congress St. Portland, Me. 04101

GENTLEMEN:

WE ARE SENDING YOU Attached Under separate cover via Hand Carry the following items:
 Shop drawings Prints Plans Samples Specifications
 Copy of letter Change order _____

COPIES	DATE	NO.	DESCRIPTION
1	3-23-04	N. A.	Demolition Cover Letter with Check for Fee as requested by Mr. Nugent
1	3-19-04	D7	Second Floor Demolition Plan
1	3-19-04	D8	First Floor Demolition Plan
1	3-19-04	D9	Third Floor/Attic Demolition Plan

THESE ARE TRANSMITTED as checked below:

- For approval Approved as submitted Resubmit _____ copies for approval
- For your use Approved as noted Submit _____ copies for distribution
- As requested Returned for corrections Return _____ corrected prints
- For review and comment _____
- FOR BIDS DUE _____ 20 _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS:

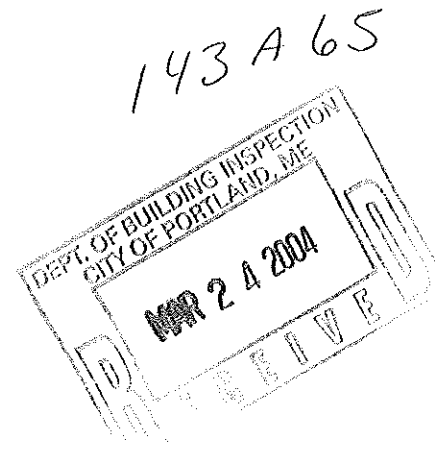
See cover letter for project description.

Thank you for your interest and time to review this application.

Dana C. Sturtevant, P. E.
 Engineering Manager

COPY TO: Ms. Connie Nadeau, MCHC, G. Owen, TSC

SIGNED: _____



**Sheridan**

April 13, 2004

The Sheridan Corporation

PO Box 359 Fairfield, ME 04937

Phone (207)453-9311

Fax (207)453-2820

www.sheridancorp.com

Mr. Michael Nugent, Building Inspector
City of Portland, Codes Office
389 Congress Street, Rm. 315
Portland, Maine 04101

**Re: P. E. Certification Clarification
Maine Center of Health Care Project - 980 Forest Avenue**

Dear Mr. Nugent:

I called you yesterday morning (April 12, 2004) to ask the status of the revised building permit application I had submitted on March 30, 2004 for the above project. You replied in the early afternoon to tell me that you were reporting me to the P. E. board for submitting plans that you felt I was not qualified to stamp. You explained your reasoning by stating that I had submitted both electrical and mechanical plans this project. You further explained that you had proceeded to employ the services of Mr. Ralph Sweet to review the electrical "submission" and he found them lacking in many respects. From this, you asked me if I was qualified to develop these plans, to which I replied that I was not and I had no intent of submitting "Electrical or Mechanical" plans as part of my package and if I had stamped a set of plans so marked, I was mistaken and fully apologized for any oversight on my part. From that point, you suggested I contact Mr. Ralph Sweet (the City's consultant and a member of the P. E. registration board) to explain my actions.

I subsequently reviewed my records of what I had submitted to you for plans and cover letter and was able to reassure myself that I had indeed not submitted any such "Electrical or Mechanical" plans, but rather gave you a full set of plans describing the work we intended to perform which included moving a electrical room, relocating a boiler and adding a hot air furnace along with the "fit-up" of this existing building for a business use.

Upon further investigation, I re-read the letter you sent to me on March 1st with regards to an earlier set of plans that laid out what you needed for more information in order to proceed with the permit review process. I include a copy of that letter herein. At no place did it state I needed to submit "Electrical or Mechanical" plans with my final submission.

**Sheridan**City of Portland
April 13, 2004
Page 2 of 2

I feel I did exactly as I intended to do and am qualified to stamp the plans I did stamp. These plans were never meant to include electrical or mechanical plans and were not labeled as such. Such plans, stamped by a registered Maine P. E., are being developed and will be submitted under separate cover by our selected subcontractors.

In retrospect, I could have noted this fact in my submission to you, which I believe would have reduced the confusion. I relied on your input via your March 1st letter requesting additional information and have taken that seriously. In turn, you are the expert in determining what documents you deem necessary for a building permit and you did not explain this to me or ask me for such further plan submission, but elected to pursue a course of outside investigation. Please consider that this was my first submission to you and your department and what I anticipated you may require obviously has differed from what you have assumed I knew without any direct communication with me.

I stand ready to resolve this conflict as our client's project is being held up in the meantime. To avoid any further action or claims for delay on my part, I suggest that we both accept this as a regrettable "misunderstanding"; you drop your complaint against me with the P. E. board; accept a letter from our electrical and mechanical subcontractors that states they will abide by all local and national codes the City has in effect with the stipulation that an approved and properly set of stamped plans be submitted under separate cover within the next 10 days and allow my company, the Sheridan Corporation, to proceed with a "Conditional" building permit, conditioned on this being done.

Sincerely,

Dana C. Sturtevant, P. E.
Engineer of Record

Enclosure

389 Congress St. Rm 315
Portland, ME 04101
Phone: (207)874-3700
Fax: (207)874-3716

facsimile transmittal

To: Dana Sturtevant & CC Dr. Pickus From: Mike Nugent

Fax: 453-2820 Date: March 1, 2004

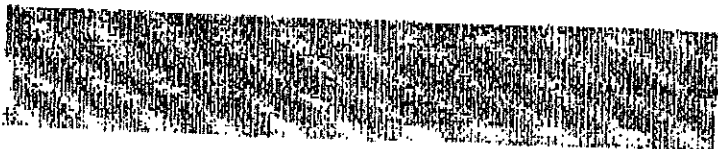
Phone 453-9311 Pages: 1

Re: 980 Forest St. (143-A-065)

- Urgent
- For Review
- Please Comment
- Please Reply
- Please Recycle

We have commenced the review the submissions for Permit #040128 and need the following technical submissions to continue the review:

- 1) General plans lack sufficient detail such as:
 - a) Existing Floor layout conditions
 - b) Fire Separation Assembly details with UL Listing number and rating
 - c) Door Schedule - GAP/RCB
 - d) Wall Section detail
 - e) Ceiling Assembly detail
 - f) Structural/Framing Detail for the reversed Stairway and ramp that demonstrate reads, risers, headroom, handrails/guards, load calculations, width etc.
 - g) Structural/Framing Detail for the new attic access
 - h) Handicap restroom floor plan with ADA certification
 - i) Same Detail as "f" for new exterior landing and steps
 - j) Detail of fire separation assemblies including door schedule proposed on page D2.
 - k) Provide a Framing detail for the headroom alteration / floor reconfiguration
 - l) Loading assessment of attic system to accommodate the new AC units
 - m) Fire Damper schedule.
- 2) Need .PDF disk of the complete submissions
- 3) Need the attached form properly completed (there is no type 6 construction)
- 4) Have asked Steven Cole /Engineer's Licensing Board to review the scope of the project to insure that Section 114.1 of the 1999 BOCA is being complied with.





Sheridan

The Sheridan Corporation
 PO Box 369 Fairfield, ME 04937
 Phone (207) 453-9311 Fax (207) 453-2820
 PO Box 689 Westbrook, ME 04098
 Phone (207) 774-6138 Fax (207) 774-2885
 www.sheridancorp.com

Facsimile Transmission

To: Mr. Michael Nugent **From:** Dana Sturtevant
Fax: 874-8716 **Pages:** 4 including cover
Phone: 874-8700 **Date:**
RE: Reply to Building Permit Application P. E. Qualifications
CC:

Urgent For Review Please Comment Please Reply

Please read my response to your telephone comments of yesterday and call me this pm so we can settle these misunderstandings and to work to move this building permit ahead without further delay.

Included:

1. Letter of explanation and response to P. E. Qualifications, dated April 13, 2004
2. Copy of Mr. Nugent's Building Permit Response to earlier application via Fax Transmittal of March-1-04

Dana Sturtevant, P. E.

This facsimile and any correspondence transmitted with it are confidential and intended solely for the individual(s) or entity(ies) to whom they are addressed. If you have received this transmittal in error please notify The Sheridan Corporation immediately.



Sheridan

March 23, 2004

The Sheridan Corporation

PO Box 359 Fairfield, ME 04937

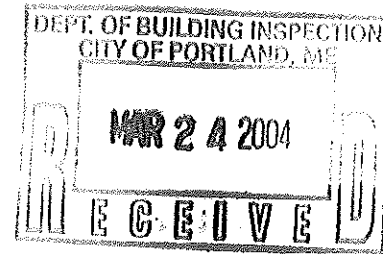
Phone (207)453-9311

Fax (207)453-2820

www.sheridancorp.com

Mr. Michael Nugent, Codes Office
City of Portland
389 Congress St., Rm 315
Portland, Maine 04101

**Re: Building Permit Application Submission
Maine Center for Health Care - 980 Forest Ave.**



Dear Mr. Nugent:

We enclose our permit application for renovations of an existing office building located at 980 Forest Avenue and owned by Maine Centers for Health Care, 2 Chabot St., Westbrook, Maine. Our work will include work to meet fire code and life safety issues and to provide new space allocation for two new business tenants. One tenant will occupy a portion for the second floor and provide physical therapy to Maine Centers for Health Care (MCHC) therapy patients. The second tenant's use will be for a business office which will complete the build out for this floor. No dwelling unit or units will be allowed in this building. Our design parameters and details follow:

Fire Code and Ratings:

No "ambulatory care" is to be provided in this building; therefore it remains an "existing business" and falls under the NFPA Chapter 39 rules for existing businesses. Our discussion with the State Fire Marshal's office and review of the code allows us to not fire rate the corridors and most other portions of the building. In the interest of the owner, should such a tenant require this in the future, we have provided for an extra layer of 5/8" Type X gypsum on the corridor walls and 2 layers on the corridor ceiling to allow for an upgrade to a 1-hour assembly later on. We've added UL approved corridor doors with panic hardware and automatic closures to close off the hallways and lower stairway along with 2 new double wide entrance doors with panic hardware and closures.

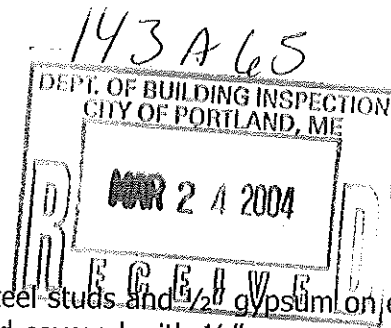
Second Floor – Primary Proposed Renovated Space

The second floor system in the area of the renovations is comprised of steel joists and two layers of 1-1/8" (2-4-1) plywood deck. We intend to replace the existing suspended ceiling and use steel hat channels and sandwich two layers of 5/8" type X gypsum between them. The ceiling in the corridor at the rear of the building will be attached to wood floor trusses with 2 layers of 5/8" type X gypsum, being GA File No. FC-5408. This is being done to improve the headroom at the stairs and to will serve to provide a fire rating for any future needs. The wall system in the corridor and hallways is presently comprised of 1/2" gypsum and portions covered with 3/4" tongue and groove barn board. The barn board will be remove and covered with a layer of 5/8" type X gypsum and taped.

As we will be installing new doors in the corridor area, we will fire rate them for future economy. Doors will be installed to close off the corridor from the remaining hallways and at the bottom of the corridor stair as well. New aluminum and glass entrance doors with panic hardware will be installed at both ends of the main corridor. A fire rated door will be installed at the base of the third floor stairs that lead to the attic and discontinued apartment area. It will have a key lock to restrict access and be used to serve the mechanical equipment located on the third floor. No third floor living space will be allowed.



Sheridan



Interior "fit up" will consist of 3-5/8" non-load bearing steel studs and 1/2" gypsum on either side. Walls will be taped, sanded and painted. Ceilings will be strapped and covered with 1/2" gypsum to raise the ceiling height to 7'-6" minimum height in the physical therapy area and remain as is as suspended grids at 7'-3" in the future tenant space. The floors will receive either carpet or tile, depending on the room's usage. Interior doors will be solid core wood with and without glass panels per our door schedule.

Heat and A/C Upgrades:

We will relocate the existing hot water- gas fired boiler system to the second floor per code. The fire rating for this room will be 2 hours using class A or B materials and a 90 minute rated door. The existing AC and gas hot air system units will remain in the attic and one new AC / hot air unit will be suspended from the roof trusses. The weight of approx. 200 to 300 pounds is within the design capacity of the roof trusses, provided the load is spread equally over 3 or more trusses and suspended from the top chord at 2 points per chord. Additional ventilation will be provided in the attic space over the two upper level offices. Duct work will continue to extend into the attic to provide for air conditioning and heat to the second floor spaces. Fire rated dampers will be installed in areas of fire rated assembly. All installations will be as per Local and State codes and the work will be done by a licensed installer.

Electrical and Telephone Connections:

The electrical equipment and meters will be relocated to the exterior of the building and enclosed in a metal cabinet as located on the plans. The existing wood picket fence will be moved closer to the property line to allow for a 3 1/2 foot horizontal clearance behind these panels. The telephone equipment and wiring splice junction boxes now located under and behind the corridor stairs will be relocated to a dedicated second floor room provided the wire is adequately long enough to reach this space. Otherwise, they will be remounted in a room behind the lower stairs and a new access door will be provided from an existing first floor office space. An approved fire alarm system will be installed in the corridor and hard wired smoke alarms installed on each level. All work will be by a licensed electrician and meet all local and State codes.

Handicap Considerations:

The handicap ramp in the second floor rear corridor is steeper than 1:10. NFPA 2003, Chapter 7 Section 7.2.5 provides for existing ramps to be 1:8. BOCA 1999 requires 1:12 with no reference to existing spaces. As this is an existing building and to lengthen it to 1:12 would mean considerable work via the relocation of an office door to the exterior of the building and the repair of the interior office. The ramp is now 1:7-1/2. We read in NFPA that this condition may be allowed provided it was approved by the local building official per "Exception 1". We ask for your approval of the present condition at this time. If this is not acceptable, we will have to make the necessary modifications or install an approved single user lift as made by Concord Elevator, being Model No. X36. We enclose with our transmittal, the technical information in this regard.

If such a lift is mandated, the width required is 58" clear. We have a 98-1/2" wide hall leaving 40-1/2" for a stairway and rail. To widen it to 44" would require the wall nearest the 3rd floor stairway be relocated and the entrance at the top of the stairs be widened further. No handicap access is available from this point to the first floor or 3rd floor and less than 50 persons will occupy the second level. No occupants are to be allowed on the third floor. Given this, we ask that Section 1014.3 - Exception No. 4 of the BOCA 1999 Code which allows for a 36" minimum stair width be approved in this instance. Section A.7.2.2.2.1(2) of NFPA Life Safety 2003 also allows 36" stair width for existing conditions.



Sheridan

143 A 65

Stairways and Headroom:

The primary stairway leading from the first to second floor or vice-versa, has a tread pattern of 11" and a rise of 7 1/2". This condition is allowable under NFPA 2003, Table 7.2.2.2.1(b) and BOCA 1999, Section 1014.6 - Exception 7. Upon inspection, I hereby certify these stairs are adequately constructed to support the load conditions required by BOCA 1999, Section 1014.9. The short set of stairs in the second floor lobby/corridor will follow the new dimensional standards as close as possible and meet BOCA 1999 load conditions.

The main stairway at the first to second level will be enclosed with metal studs and 5/8" type X gypsum each side and the present storage area under the stairs will be eliminated. The corridor and second to third floor stairway will be closed off to prevent any further storage below. A fire rated keyed door will be installed at the entrance to the third level lobby to prevent the regular use of the upstairs room(s) while providing access to the mechanical equipment and attic space.

As this is an existing building built many years ago, we have made accommodations for this space to the best of our ability. The rear corridor head room at the upper level stairs/ramp is a difficult issue to address, but we have made provision to raise it to at least 6' - 8" in height by using a gypsum ceiling vs. the existing suspended system. To increase it more would involve some major structural changes to the building and affect other tenant spaces. The lower level stair head room can be raised to 6"-8" by relocating two heating pipes and raising the header and ceiling without disrupting the structural elements in accordance with BOCA 1999, Section 1014.4.

Exit stairs located on the south west side of the building serving as a secondary exit will be composed of a set of pre-cast concrete stairs, railing and landing. We will submit documentation to the effect that these stairs and railing meet the 1999 BOCA Code upon choosing a vendor and the receipt of that information.

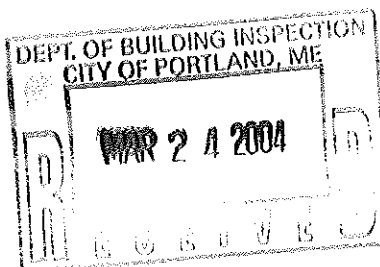
Conclusion:

We have explained to the State Fire Marshal, our renovation proposal and that this building is not to contain "ambulatory care". Consequently, the Fire Marshal asked us to deal with your department only and he did not want to get involved with "renovations". We feel we have met the intent of the requirements for existing business in a reasonable manor and these efforts on behalf of the owner will provide for a much safer and secure environment for their tenants and the public. We enclose our letter of transmittal listing the plans and details you have requested and an application for a building permit. We stand ready to address any questions you may have as we are in hopes of getting started on this project by April 1, 2004.

Sincerely,

Dana C. Sturtevant, P. E.
Engineering Manager

Enclosure



389 Congress St. Rm 315
Portland, ME 04101
Phone: (207)874-8700
Fax: (207)874-8716

facsimile transmittal

To: Dana Sturtevant & CC/Dr. Pickus From: Mike Nugent
Fax: 453-2820 Date: March 1, 2004
Phone 453-9311 Pages: 1
Re: 980 Forest St. (143-A-065)

Urgent For Review Please Comment Please Reply Please Recycle

I have commenced the review the submissions for Permit #040128 and need the following information/technical submissions to continue the review:

- 1) The general plans lack sufficient detail such as:
 - a) Existing Floor layout conditions
 - b) Fire Separation Assembly details with UL Listing number and rating
 - c) Door Schedule
 - d) Wall Section detail
 - e) Ceiling Assembly detail
 - f) Structural/Framing Detail for the reversed Stairway and ramp that demonstrate treads, risers, headroom, handrails/guards, load calculations, width etc.
 - g) Structural/Framing Detail for the new attic access
 - h) Handicap restroom floor plan with ADA certification
 - i) Same Detail as "f" for new exterior landing and steps
 - j) Detail of fire separation assemblies including door schedule proposed on page D2.
 - k) Provide a Framing detail for the headroom alteration / floor reconfiguration
 - l) Loading assessment of attic system to accommodate the new AC units
 - m) Fire Damper schedule.
- 2) Need .PDF disk of the complete submissions
- 3) Need the attached form properly completed (there is no type 6 construction)
- 4) Have asked Steven Cole /Engineer's Licensing Board to review the scope of the project to insure that Section 114.1 of the 1999 BOCA is being complied with.



The Sheridan Corporation

PO Box 359, Fairfield, ME 04937
 Phone (207) 453-9311, Fax (207) 453-2820
 PO Box 689, Westbrook, ME 04098
 Phone (207) 774-6138, Fax (207) 774-2885
 www.sheridancorp.com

LETTER OF TRANSMITTAL

DATE	3-23-04	JOB NO.	M-031051
ATTENTION	Mr. Michael Nugent, B. I.		
RE	Building Permit Application Maine Centers for Health Care 980 Forest Avenue Portland, Maine 04101 <i>143 A 65</i>		

TO City of Portland, Maine
City Hall, Room 315
389 Congress St. Portland, Me. 04101

GENTLEMEN:

WE ARE SENDING YOU Attached Under separate cover via Hand Carry the following items:
 Shop drawings Prints Plans Samples Specifications
 Copy of letter Change order

COPIES	DATE	NO.	DESCRIPTION
3	3-23-04	N. A.	Building Renovation Cover Letter
3	3-19-04	D1	Existing Conditions Plan @ Second Floor
3	3-19-04	D2	Existing Conditions Plan @ First Floor
3	3-19-04	D3	Existing Conditions Plan @Third Floor/Attic
3	3-19-04	D4	Second Floor Renovation Plan
3	3-19-04	D5	First Floor Renovation Plan
3	3-19-04	D6	Third Floor/Attic Renovation Plan
3	3-18-04	D7	Second Floor Demolition Plan
3	3-18-04	D8	First Floor Demolition Plan
3	3-18-04	D9	Third floor/Attic Demolition Plan
3	3-19-04	D10	Wall and Ceiling Renovation Details
3	3-23-04	D11	Room and Door Finish Schedule
3	3-23-04	ST-1	Second Floor Rear Step and Railing Spec. Sheet (2 pages)
3	3-23-04	HCL-1	Second Floor handicap Lift Spec. and Detail Sheet (4 pages)
3	3-18-04	SD-1	Site Orientation Plan @ 980 Forest Ave.

THESE ARE TRANSMITTED as checked below:

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> For approval | <input type="checkbox"/> Approved as submitted | <input type="checkbox"/> Resubmit _____ copies for approval |
| <input type="checkbox"/> For your use | <input type="checkbox"/> Approved as noted | <input type="checkbox"/> Submit _____ copies for distribution |
| <input type="checkbox"/> As requested | <input type="checkbox"/> Returned for corrections | <input type="checkbox"/> Return _____ corrected prints |
| <input type="checkbox"/> For review and comment | <input type="checkbox"/> | |
| <input type="checkbox"/> FOR BIDS DUE _____ 20 _____ | | <input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US |

REMARKS:

SIGNED: *Alison C. Stone P.E.*

If enclosures are not as noted, kindly notify us at once.

See cover letter for project description. The check for this permit will be forwarded by Maine Center for Health under separate cover.

Thank you for your interest and time to review this application.

Dana C. Sturtevant, P. E.
Engineering Manager

COPY TO: Ms. Connie Nadeau, MCHC, G. Owen, TSC

143 A 65

SIGNED: _____

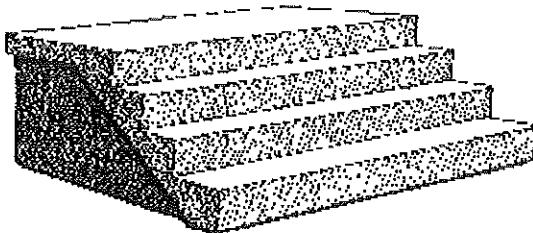
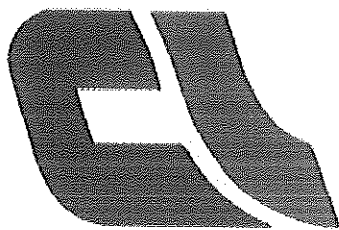
If enclosures are not as noted, kindly notify us at once.

143 A 65

7/11 Pre-cast Concrete Steps

Conforms to B.O.C.A. building codes

Shawnee 7/11 steps are designed to n
of most localities for commerci



- Shawnee Steps
- Finishes
- Heat Mats
- Installations
- How to Measure
- About Shawnee Steps
- Pricing Shawnee Steps

Planters

Terrace Steps

Railings

7/11 Steps

Accessibility Ramps

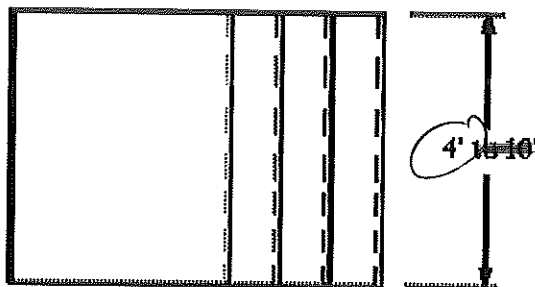
High Rise Stairs

- PermEntry Bulkheads
- Models Available
- Job Site Requirements

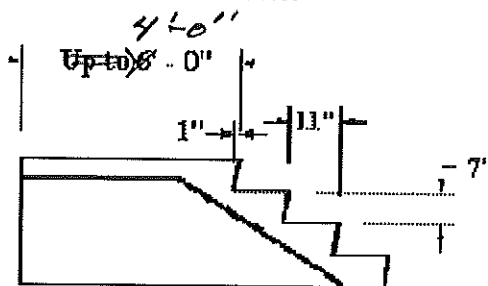
Park Benches

Septic Systems and other commercial products

Return to Home Page



Plan view



Side view



Saint Michael's Chu
Auburn, Maine

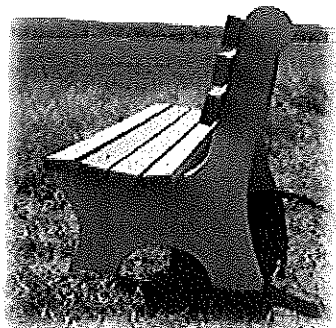
American Concrete Industries

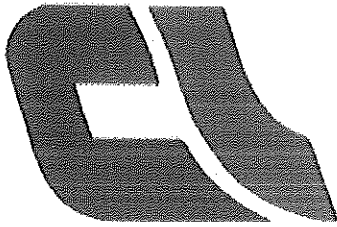
1022 Minot Avenue
Auburn ME 04210 USA
(207) 784-1388 - Fax (207) 783-4039
1-800-638-9000

1717 Stillwater Avenue
Bangor ME 04401 USA
(207) 947-8334 - Fax (207) 947-3580
1-800-432-7843

E-Mail webmaster@shawneesteps.com

ST-1.0





- [Shawnee Steps](#)
- [Finishes](#)
- [Heat Mats](#)
- [Installations](#)
- [How to Measure](#)
- [About Shawnee Steps](#)
- [Pricing Shawnee Steps](#)

[Planters](#)

[Terrace Steps](#)

[Railings](#)

[7/11 Steps](#)

[Accessibility Ramps](#)

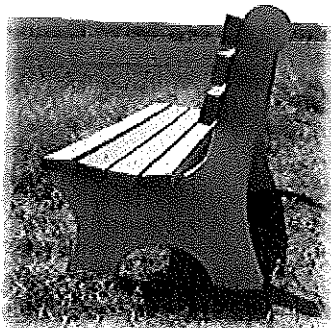
[High Rise Stairs](#)

- [PermEntry Bulkheads](#)
- [Models Available](#)
- [Job Site Requirements](#)

[Park Benches](#)

[Septic Systems and other commercial products](#)

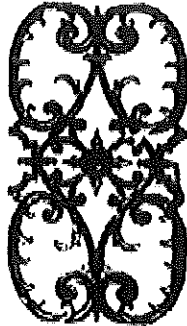
[Return to Home Page](#)



Powder Coated Shawnee Railings

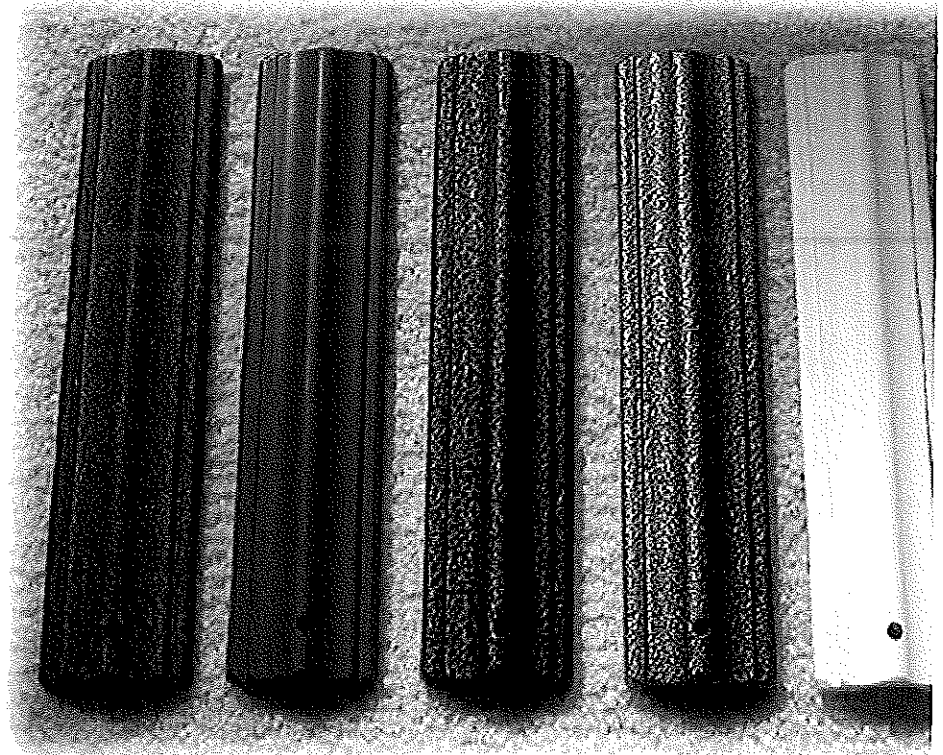
Available within Northern New England only

143 A 65



Our railings are fabricated in our own shop in Auburn, Maine. After fabricating the railings are shot-blasted, then coated with two coats of baked-on powder coat. The first coat is a zinc-rich coat that protects the steel railing. This layer is partially baked on before the second layer is applied. After the second layer is applied, the railing is baked in ovens to cure and bind the layers into an integrated coating system. This polyester powder-coat system is one of the finest railing finishes available anywhere.

Our standard railing color is satin black. Other colors are shown below and available as special order. Left to right: Wrinkle Black, Bronze, Copper Vein, Silver Vein, Almond, and White



277.1

Railings are made to conform to BOCA building codes.

Shawnee builds railings for their own **steps and ramps**, but also **builds railings for other** business, as home owners and contractors are anxious to have rails that will **stay rust free!**

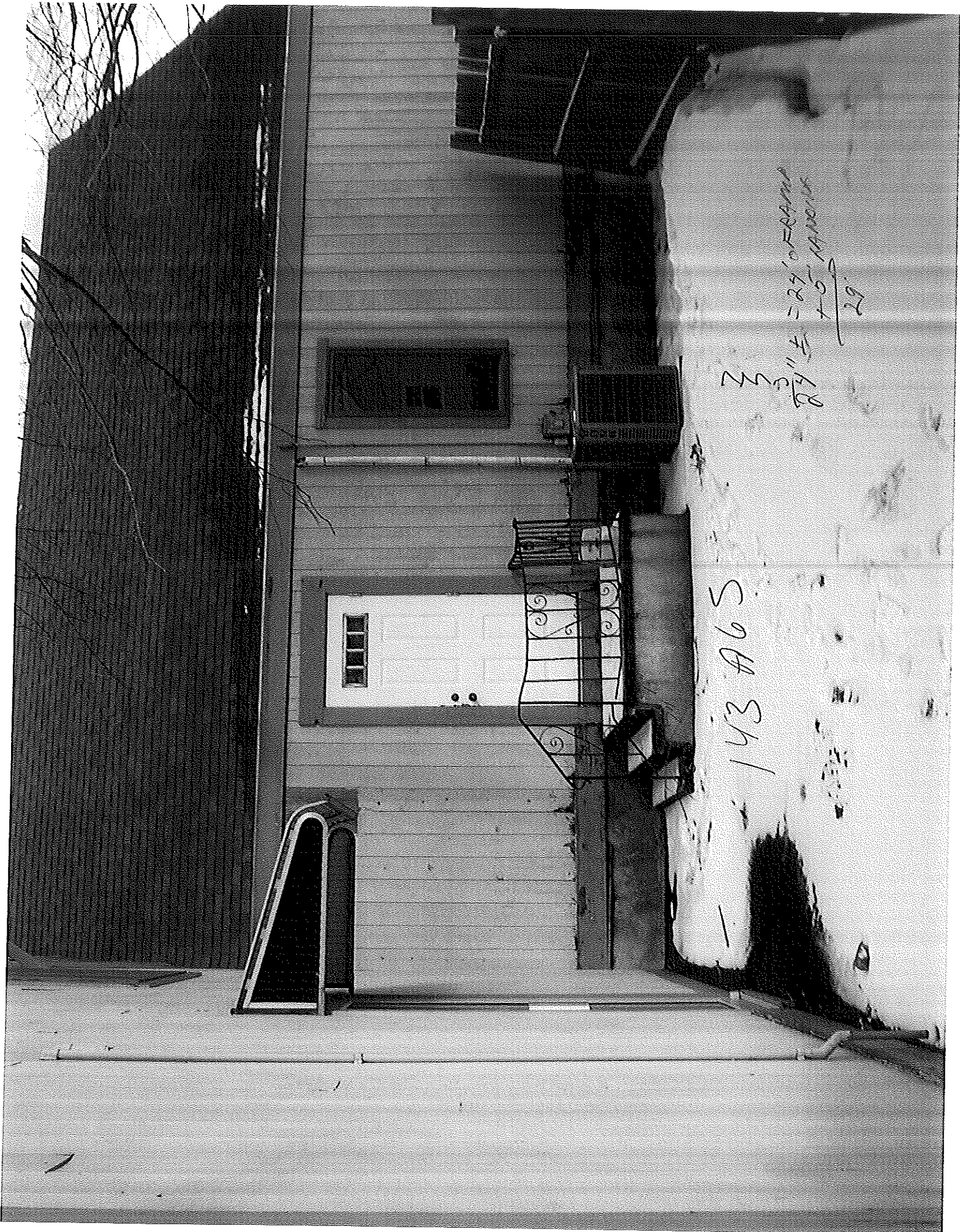
American Concrete Industries

1022 Minot Avenue
Auburn ME 04210 USA
(207) 784-1388 - Fax (207) 783-4039
1-800-638-9000

1717 Stillwater Avenue
Bangor ME 04401 USA
(207) 947-8334 - Fax (207) 947-3580
1-800-432-7843

E-Mail webmaster@shawneesteps.com

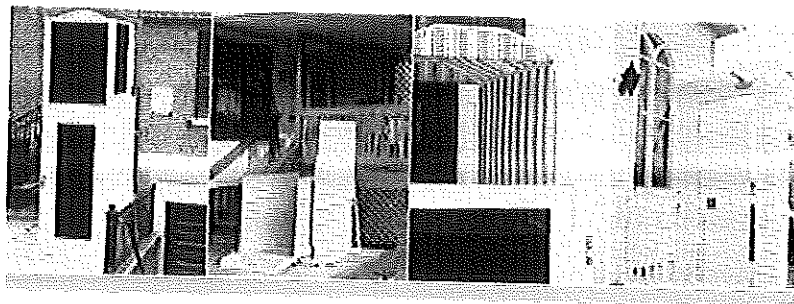
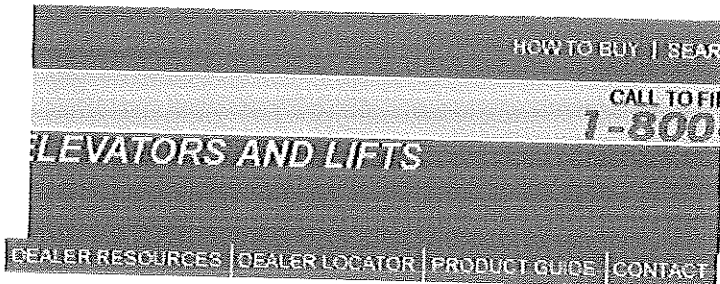
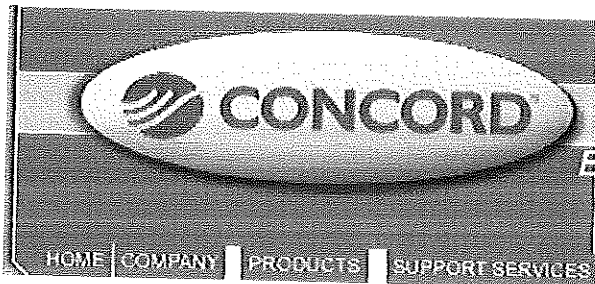
143 A 6 S



143 A65

2 3/4" ± = 29" FRAME
+ 6" MOUNT

29"



Handilift-S

Please Select.....

Please Select.....

143 A65
Vertical Platform Lifts - Handilift-S

[Features](#) | [Options](#) | [Specifications](#) | [Drawings](#) | [Code](#) | [Phot](#)

The CONCORD HANDILIFT-S is a vertical wheelchair platform designed to provide an economical means of vertical access with physical disabilities.

Simple design and ease of installation makes HANDILIFT-S an economical solution to accessibility problems in the home or building. Powered by a one horsepower motor, the reliable drive system can lift 750 lbs. (340 kg). The HANDILIFT-S is two standard platform sizes, both with 42 1/4" high barrier s

Safety features include under-platform obstruction sensors, pressure control buttons, handrail, emergency stop button, switch, and anti-slip flooring. The Handilift-S can be installed outdoors and will look new for years due to its electrostatically baked polyester gloss powder coat paint.

- [View Handilift-S Images](#)
- [Handilift-S Specifications](#)
- [View Our Elevators and Lifts](#)
- [Contact Concord Elevator](#)



Toll Free : 1.800.661.5112
Long Distance: 1.905.791.5555
Email: info@concordelevator.com

[HOME](#) : [COMPANY](#) : [PRODUCTS](#) : [SUPPORT SERVICES](#) : [DEALER RESOURCES](#) : [DEALER LOCATOR](#) : [CONTACT](#) : [TESTIMONIAL](#)



Copyright © 2003 Concord Elevator, Inc. - All rights reserved.
Web Design - 360 Mediaworx

HCL-1

Note 2: Wheelchair lifts are often installed at or near a regular or emergency egress stairway. When so they may be subject to review for emergency egress, in addition to the requirements of the A17.1 and A local elevator/lift rules. The local Building Inspector or Fire Inspector should be consulted prior to install lift(s), if it is to be installed at or near a stairway.

ADAAG

For complete and detailed information concerning the location and usage of Lifts for Disabled persons in accessible route, the Architect/Specifier should have available the Americans with Disabilities Act Accessibility Guidelines (ADAAG). This is available for free download from the Access Board's Internet Web Page at <http://www.access-board.gov>.

Note 3: A new proposal for ADAAG Rules is currently undergoing the approval process. A copy of the new ADAAG Rules is also available from the above web site.

Installation

The applicable standard governing the requirements for field installation and wiring of the Concord Hand Wheelchair Lift is the ANSI/NFPA 70 (The National Electrical Code) Article 620. (Referenced by Rule 2000.10i(2) of the ASME A17.1-1996 and rule 2.10.9.1 of A18.1). The Architect/Specifier should be aware of the requirements in this section especially as it applies to the location and installation of the lift power supply. In most areas the responsibility to supply to a lift is the responsibility of other contractors, not the installing Concord dealer. Check with your Concord dealer, for assistance and information concerning the requirements of this standard. All field wiring and lift components will be performed in accordance with this standard by dealer Technicians who have been trained by Concord.

Certifications

The applicable standard governing the requirements for Certification of the Electrical Equipment of the Handlift Wheelchair Lift is the CSA B44.1/ASME A17.5. (Referenced by Rule 2000.10i(2) of the ASME A17.1-1996 and Rule 2.10.9.2 of A18.1). This is the North American harmonized standard for certification of electrical equipment used with all elevating devices for the Physically Disabled which are covered by the ASME A17.1 Standard. The Architect/Specifier should be aware of this requirement and ensure that all lift electrical equipment specified for use on the project is certified to this standard. Certification must be by a Federal OSHA Approved Nationally Recognized Testing Laboratory, and the certification mark must clearly indicate the approving laboratory. Some examples of certification laboratories are: CSA (Canadian Standards Association); UL (Underwriter's Laboratories); ETL (Electrical Testing Laboratories); WH (Warnock-Hersey Testing Laboratories) and there are others. Concord equipment is certified to American Standards by CSA (Canadian Standards Association).

Operating devices

To ensure that the operating devices, i.e. push buttons, key switches, etc. are at the proper height and of proper design for ease of use by Physically Disabled persons, the American National Standards Institute A117.1 Standard, "Providing Accessibility and Usability for Physically Disabled People" is referenced in Rule 2000.10a. There are requirements within the A117.1 which impact on the design of the building in the area approaching the lift entrances. The Architect/Specifier should be aware of these requirements. The most recent edition is 1999.

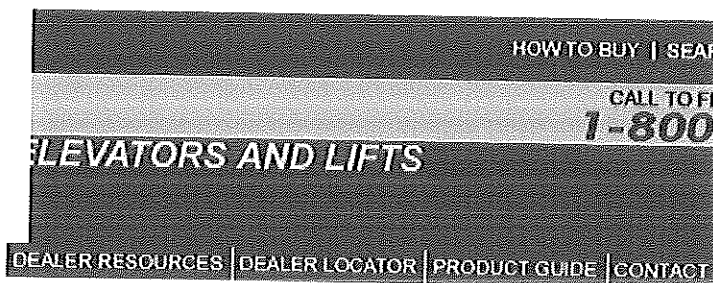
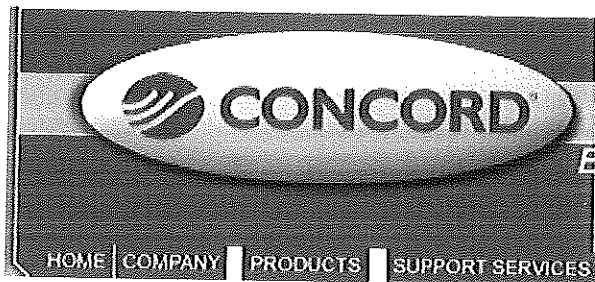
Building Codes and Standards

Depending on the area of the USA where the lift is to be installed, the local building codes may have requirements which will affect the design and installation of lifts for the Physically Disabled. Reference should be made by the Architect/Specifier to the actual building code legislated in their area.

It may be (for example):

143 AGS

HCL-1.1



Handilift - Vertical Wheelchair Platform Lift

Applicable National Codes and Standards - USA Public Buildings

GENERAL

The National Standard used by most States and localities is the ASME A17.1 Safety Code for Elevators Escalators Part 20, Section 2000. The most current edition is 1996, with a 1999 Addendum. (See Note Wheelchair Lifts are typically referenced in the Standard as one of three configurations;

a.) "Runway enclosure provided"; Rule 2000.1a; (A17.1)/ Rule 2.1.1 (A18.1)

Handilift Model (S) When runway in building provided by owner or

Handilift Model (EN) When runway (enclosure) provided by Concord.

b.) "Runway enclosure not provided"; Rule 2000.1b; (A17.1)/ Rule 2.1.2 (A18.1)

Handilift Model (SE) When partial runway (enclosure) provided by Concord.

c.) "Attendant Operated" ; Rule 2000.1c; (A17.1)/ Rule 2.1.3 (A18.1)

Handilift Model (S) (Modified): For use only when permitted by local enforcing authorities. Note that lifts designed to be operated exclusively by an attendant are not ADA (Americans with Disabilities Act) com

Some States and areas adopt the standard in it's entirety, and some areas adopt the standard in part, c standard may have been developed which has been legislated for use. Check with your local enforcing for the requirements in your area.

Note 1: A new standard for "Platform Lifts and Stairway Chairlifts" has been published by ASME and is January 2000. The standard is the "ANSI/ASME A18.1". This will be the applicable standard for those s cities, etc. which have officially adopted the A18.1 in legislation. Until then, A17.1 will continue to be the of record for most (but not all) jurisdictions. It is important to know the requirements of your local jurisdic

Americans With Disabilities Act (ADA):

The Architect/Specifier should be aware that a Handilift Vertical Wheelchair Platform Lift (Where permit compliance with the ADA (Americans with Disabilities Act) requirements for lifts for the physically disabl installed on an accessible route. (With the exception noted in "Attendant Operated Lifts" above)

Vertical Wheelchair Lifts are subject to certain restrictions under the ADAAG requirements. (See ADAAG Code requirements are continually evolving, If ADA compliance is required, contact Concord Elevator's Architectural consultant for more information.

143A65

HCL-1.2



143 A 65

HCL 1.3

1. UBC (Uniform building Code) available from the ICBO (See other pages for address)
2. NBC (National Building Code) available from BOCA (See other pages for address)

ICBO = International Conference of Building Officials

BOCA = Building Officials and Code Administrators

[HOME](#) : [COMPANY](#) : [PRODUCTS](#) : [SUPPORT SERVICES](#) : [DEALER RESOURCES](#) : [DEALER LOCATOR](#) : [CONTACT](#) : [TESTIMON](#)



Copyright © 2003 Concord Elevator, Inc. - All rights reserved.
Web Design - 360 Mediaworx

143 A65

HCL-1.4

SUGGESTED SPECIFICATIONS

PART 1 - GENERAL

1.1 SCOPE

To furnish all labor, materials and equipment necessary or required to complete the installation of the lift indicated on the Drawings and Specifications. This specification is intended to cover the complete installation of the Concord HANDILIFT-S Vertical Wheelchair Platform Lift design.

1.2 SYSTEM DESCRIPTION

Lift assembly shall consist of a platform, guide system, panels and gates, self-contained Acme Screw drive control system, signals and alarms, electrical wiring, and parts and accessories necessary to provide reliable performance operation and code and safety requirements.

1.3 QUALITY ASSURANCE

1.3.1 The lift shall meet or exceed the applicable regulations of all governing agencies and be in conformance with the applicable sections of the most current edition of the following codes and standards:

- a) ASME A18.1-1999 "Safety Standard for Platform Lifts and Stairway Chair Lifts.
- b) ICC/ANSI A117.1-1998 "Accessible and Usable Buildings and Facilities".
- c) ANSI/NFPA 70-1999 "The National Electric Code" (NEC).
- d) ADAAG "Americans With Disabilities Act Accessibility Guidelines" (where applicable).
- e) CSA B44.1/ASME A17.5 "Elevator and Escalator Electrical Equipment"
- f) Local codes and regulations, as applicable.

1.3.2 Requirements of the Regulatory Agencies

- a) Fabricate and install work in compliance with all applicable jurisdictional authorities.
- b) File shop drawings and submissions to local authorities as the information is made available. Complete inspection and jurisdictional authority inspections and permits are to be made on a timely basis as required. The contractor will include all inspections and re-inspections required to ensure licenses are issued.

1.3.3 Subcontractor Qualifications

- a) Execute work of this specification only by a contractor/company who has adequate product and public liability insurance in excess of one million dollars.
- b) Skilled tradesmen must be employees of the contractor and perform the work on a timely basis. Employees must be trained by the manufacturer and be supervised by the lift contractor.

1.3.4. Substitutions

No substitutions will be considered unless written request for approval has been submitted by the bidder received by the architect at least 10 days before the date of receipt of bids. Each such request shall include a complete description of the proposed substitute including drawings, test data, photographs, and any other information needed for consideration.

PART 2 - PREPARATORY WORK BY OTHERS

2.1 The following preparatory work to accommodate the lift is to be done by others:

- 2.1.1 Permanent 110 volt 20 amp min. power to operate the lift to be provided from a Lockable Fused/Circuit Breaker Type Disconnect Switch. Refer to architectural drawings for permanent power specifications and location of disconnect. Temporary power may be provided to expedite the installation of lift.
- 2.1.2 Provide clear access to lift installation location and remove all obstacles before lift delivery and installation.
- 2.1.3 Provide adequate overhead clearances as required by the applicable code and as per drawings.
- 2.1.4 Provide a substantial level floor (pit) slab as indicated on lift contractors' shop drawings.
- 2.1.5 Provide finish grouting, and masonry around walls, ceilings, and doors.
- 2.1.6 Provide adequate lighting at lift areas as required by the applicable code.

PART 3 - SUBMITTALS

143 A 65

143 A 65

3.1 SHOP DRAWINGS

The shop drawings shall show a complete layout of the lifting equipment detailing dimensions, clearance location of lift equipment. Including the following:

- a) Drawings showing the dimensions including plans, elevations, and sections to show equipment location and their relationship to surroundings.
- b) Anchorage and clearance requirements.
- c) Load and reaction drawings.

3.2 Samples

PART 4 - PRODUCT DATA

4.1 MANUFACTURER / PRODUCT

Lift shall be the CONCORD HANDILIFT Vertical Wheelchair Platform Lift manufactured by Concord Elevator, Brampton, Ontario, Canada. U.S. Toll Free Number 800 661-5112 and (905) 791-5555 Fax (905) 791-2

Dealer:

Name _____ Number _____

Rated Load: 750 lbs. (341 kg)

Normal Speed: 8 fpm (0.04 m/s)

Platform Dimensions: 35"W x 54" L (890 W x 1372 L mm)

Levels Served: 2

Travel Distance (up to 6' (1828mm) max): see drawings _____

Operation: Constant Pressure

Power Supply: 110 Volts, 1 Phase, 20 Amps min.

Drive Type: Acme Screw

Paint: Baked Electrostatic Polyester

4.2 SIGNAGE

4.2.1 The lift shall have all necessary signs, capacity plates, and data signs as per the Local and national codes and Standards.

4.2.2 A capacity plate indicating the rated load in pounds and kilograms and operating instructions shall be furnished by the manufacturer and fastened in a conspicuous place at each landing and in the platform. The capacity plate and operating instructions will be engraved on non-glare, micro-surface, white letters on a black background, self-adhesive, flexible plastic material. The letters and figures stating the capacity shall not be less than 1/4" in height.

4.3 LIFT PLATFORM (CAR)

4.3.1 FRAME AND SIDE GUARD PANELS

Aluminum platform frame 42 1/4" high (1073 mm) with steel insert.

4.3.2 FLOOR

Formed steel with anti-slip sheeting.

4.3.3 GRAB RAIL

A single grab rail with both ends returned to the wall shall be located on the control wall of the carriage.

4.3.4 CAR OPERATING PANEL

Shall consist of constant pressure illuminated buttons, an emergency stop switch, alarm button, low oil light, and an ON/OFF key switch mounted on a removable stainless steel panel (type 304 #4 stainless steel). The key shall only be removable when the key is in the OFF position.

4.5 DRIVE UNIT AND CONTROLS

The drive unit and controller shall be enclosed in the mast. The controller and drive unit shall be pre-wired and tested before shipment. Control circuitry is to be PCB mounted as an integral unit.

4.6 ACME SCREW

143 A 6 S

1" O.D. . Class 2G. 5 pitch. Self-lubricating nut and screw drive.

4.7 SAFETY DEVICE

Integral "Back up" Safety Nut. In the event of failure of the main drive nut, the "Back up" Safety Nut will and trip a switch to stop the car automatically.

4.8 NORMAL TERMINAL STOPPING DEVICES

Normal terminal stopping devices shall be electro-mechanically sensed at the top and bottom of runway car automatically.

4.9 FINAL LIMIT STOPPING DEVICE

A final stopping device shall be electrically sensed and stop the lift should the lift pass the upper normal stopping device and remove the electrical power to the control circuit.

4.10 PIT SWITCH

Switch located at the base of the mast, when tripped will remove the power to the control circuit and stop operation of the car.

4.11 EMERGENCY MANUAL LOWERING

The top of the Acme Screw must be accessible and equipped such that the screw may be turned by use of a crank to lower the platform.

4.12 GUIDE RAILS AND BRACKETS

4.12.1 Steel "T" guide rails and brackets shall be used to guide the platform and sling.

4.12.2 Guide rail shall form part of the structural integrity of the unit and be integral to the mast enclosure to ensure stability and minimum platform deflection when loaded.

4.13 CAR SLING

4.13.1 Car sling shall be fabricated from steel members with adequate bracing to support the platform and sling.

4.13.2 Guide shoes shall be mounted on the top and bottom of the car sling to engage the guide rails.

4.13.3 Guide shoes to be solid slipper type.

4.13.4 The car sling arms shall be detachable.

4.14 WIRING

All wiring and electrical connections shall comply with applicable Codes, insulated wiring shall have flame retardant and moisture proof outer covering and shall be run in conduit or electrical wire ways.

4.15 FINISH

Electrostatically applied baked polyester powder coating paint finish.

PART 5 - EXECUTION

5.1 EXAMINATION

All site dimensions shall be taken to ensure that tolerances and clearances have been maintained and meet all applicable regulations.

5.2 PREPARATION

Pre-inspect the construction and service requirements for "Work by Others." These requirements will be shown in drawings, diagrams, engineering data sheets and special instructions before the work commences.

PART 6 - WARRANTY

143 A65

The lift contractor shall provide three (3) months free service from date of approval by local authorities. lift and all component parts shall carry a one (1) year limited warranty. The warranty shall be for the repair of defective parts but shall not include the labor costs required to replace the defective part or parts.

PART 7 - OWNER'S INSTRUCTION AND MANUAL

After installation is completed, the contractor shall instruct the owner in the proper use, operation and maintenance requirements of the lift. Instructions shall also include emergency procedures and safety rules and precautions. Contractor shall also supply the owner with an Owner's Manual detailing the operating, safety, and maintenance procedures of the lift.

[HOME](#) : [COMPANY](#) : [PRODUCTS](#) : [SUPPORT SERVICES](#) : [DEALER RESOURCES](#) : [DEALER LOCATOR](#) : [CONTACT](#) : [TESTIMONIAL](#)



Copyright © 2003 Concord Elevator, Inc. - All rights reserved.
Web Design - 360 Mediaworx