

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

Please Read
Application And
Notes, If Any,
Attached

BUILDING INSPECTION

PERMIT

Permit Number: 081008

This is to certify that MERCY HOSPITAL /Leavitt & Parris Inc
has permission to Mercy Hospital Grand/Opening Event - Events and Staging - Setup 8/21/08 Break down 09/15/2008
AT 175 FORE RIVER PKWY PL 073 A001001

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

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

Verification of inspection must be
given and written permission provided
before this building or part thereof is
demolished or services closed-in
OUR NO. IS REQUIRED

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

OTHER REQUIRED APPROVALS	
Fire Dept.	<i>Area</i> PERMIT ISSUED
Health Dept.	
Appeal Board	AUG 21 2008
Other	
Department Name	
CITY OF PORTLAND	

8/20/08 *Cheryl M*
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

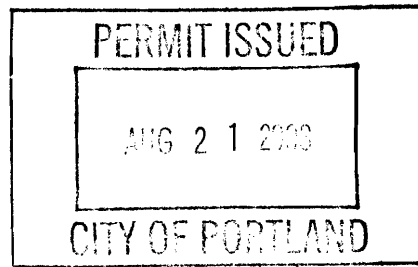
Permit No: 08-1008	Issue Date: 8/20/08	CBL: 073 A001001
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Location of Construction: 175 FORE RIVER PKWY	Owner Name: MERCY HOSPITAL	Owner Address: 144 STATE ST	Phone:
Business Name:	Contractor Name: Leavitt & Parris Inc.	Contractor Address: 256 Read St. Portland	Phone: 2077970100
Lessee/Buyer's Name	Phone:	Permit Type: Tents	Zone: C-26

Past Use: Commercial - Mercy Hospital	Proposed Use: Commercial - Mercy Hospital - Mercy Hospital Grand/ Opening Event - Tents and staging - Set-up 8/21/08 Break down 09/15/2008	Permit Fee: \$270.00	Cost of Work: \$270.00	CEO District: 3
Proposed Project Description: Mercy Hospital Grand/ Opening Event - Tents and staging - Set-up 8/21/08 Break down 09/15/2008		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied <i>See Conditions</i>	INSPECTION: Use Group: A-2 Type: SB <i>IBC 2003 NFPA</i>	
		Signature: <i>Greg Cross</i>	Signature: <i>CU 8/20/08</i>	
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)				
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied				
Signature: _____ Date: _____				

Permit Taken By: ldobson	Date Applied For: 08/15/2008	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>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: <i>8/15/08</i></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>
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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

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

to schedule your inspections as agreed upon

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

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

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

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

Final/Certificate of Occupancy: Prior to any occupancy of the structure or use.
NOTE: There is a \$75.00 fee per inspection at this point. Electrical inspector, Fire Inspector and inspections must sign off prior to event.

Food service inspection required prior to service.

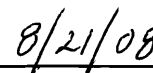
Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection.

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

CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED.



Signature of Applicant/Designee



Date

Signature of Inspections Official

Date



Tent/Canopy or Temporary Event Staging 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/Park of Installation: <i>New Mercy Hospital Fore River</i>		
Date of Set up/Event <i>Wed 8/21</i>		Date of Breakdown/ End of Event <i>Mon 9/15/08</i>
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# <i>73 A 1</i>	Property Owner: <i>Mercy Hospital</i>	Telephone:
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: <i>Leavitt & Parris 256 Read St Portland, Me</i>	Fee: \$30.00
<p>The permit fee and the following items must be completed and submitted along with this application in order to receive a permit.</p> <ol style="list-style-type: none"> 1. Certificate of Flammability 2. Letter of approval from property owner. If the City is owner, attach a completed copy of Application to Use City Parks & Public Space from Parks & Recreation (756-8275). 3. Company name of installer (contact info). 4. Plot Plan showing the following: Tent/Canopy or temporary event staging locations, including dimensions, exits and entrances of proposed and existing, parking and existing building locations. If this is temporary staging, you will need to include product information. (Applicant may call Parks & Recreation for maps of Portland's Parks @ 756-8275). 5. If the City is the property owner, Certificate of Insurance listing the City as additional insured. Minimum amount of coverage is \$400,000.00 <p>Who should we contact when permit is ready: <i>John Hutchins c/o Leavitt & Parris</i> Address: <i>256 Read St</i> Telephone: <i>207-797-0100 ext. 113 or ext 111</i></p>		
<p>Please submit all of the information outlined in the Tent/Canopy and Event Staging Permit Application as one package. Failure to do so will result in the automatic denial of your permit.</p>		

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 visit us on-line at www.portlandmaine.gov, stop by the Building Inspections office, room 315 City Hall or call 874-8703. AUG 18 2008

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:

8/15/08

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

City of Portland, Maine - Building or Use Permit

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

Permit No: 08-1008	Date Applied For: 08/15/2008	CBL: 073 A001001
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Business Name:	Contractor Name: Leavitt & Parris Inc.	Contractor Address: 256 Read St. Portland	Phone (207) 797-0100
Lessee/Buyer's Name	Phone:	Permit Type: Tents	

Proposed Use: Commercial - Mercy Hospital - Mercy Hospital Grand/ Opening Event - Tents and staging - Set-up 8/21/08 Break down 09/15/2008	Proposed Project Description: Mercy Hospital Grand/ Opening Event - Tents and staging - Set-up 8/21/08 Break down 09/15/2008
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Dept: Zoning **Status:** Approved **Reviewer:** Marge Schmuckal **Approval Date:** 08/15/2008
Note: **Ok to Issue:**

Dept: Building **Status:** Approved with Conditions **Reviewer:** Chris Hanson **Approval Date:** 08/20/2008
Note: **Ok to Issue:**

- 1) Approval of license is subject to health inspections per the Food Code.
- 2) This permit DOES NOT authorize any construction activities. The tent/stage must be removed at the end of the event.
- 3) Permit approved based on the plans submitted and reviewed w/owner/contractor, with additional information as agreed on and as noted on plans.

Dept: Fire **Status:** Approved with Conditions **Reviewer:** Capt Greg Cass **Approval Date:** 08/19/2008
Note: **Ok to Issue:**

- 1) Cooking operations shall be seperated from other occupied structures.
Candles shall be secured against tipping over.
- 2) Egress requirements.
Tent # 1 has an occupant load of 500 and requires 100 inches of unobstructed exiting.
Tents # 8 & 9 are approved for an occupant load of 1400 and require 280 inches of unobstructed exiting.
A min. Of 16 feet shall be maintained clear and unobstructed between tent # 1 and 8 & 9 for egress.
- 3) The HVAC unit shall be listed for this use.
- 4) Emergency lights and exit signs are required.
- 5) An emergency plan and crowd managers are required.
A fire lane for emergency vehicle access is required.

Clear Walls

Certificate of Flame Resistance



REGISTERED
APPLICATION
CONCERN No.

F-191

ISSUED BY

ROBECO INC.
89 Park Avenue
New York, NY 10016

Date treated or
manufactured

02 / 15 / 04

This is to certify that the materials described on the reverse side hereof have been flame-retardant treated (or are inherently nonflammable).

FOR DEBRON PLASTICS LTD ADDRESS 201 Racquet Club Rd. N-120
CITY Weston STATE FL 33326

Certificate is hereby made that: (Check "a" or "b")

(a) The articles described on the reverse side of this Certificate have been treated with a flame-retardant chemical approved and registered by the State Fire Marshal and that the application of said chemical was done in conformance with the laws of the State of California and the Rules and Regulations of the State Fire Marshal.

Name of chemical used _____ Chem. Reg. No. _____

Method of application _____

(b) The articles described on the reverse side hereof are made from a flame-resistant fabric or material registered and approved by the State Fire Marshal for such use.

Trade name of flame-resistant fabric or material used _____ Reg. No. ³ F-191

The Flame Retardant Process Used will not Be Removed By Washing
~~XXXXXX will not~~

M. L. Coren

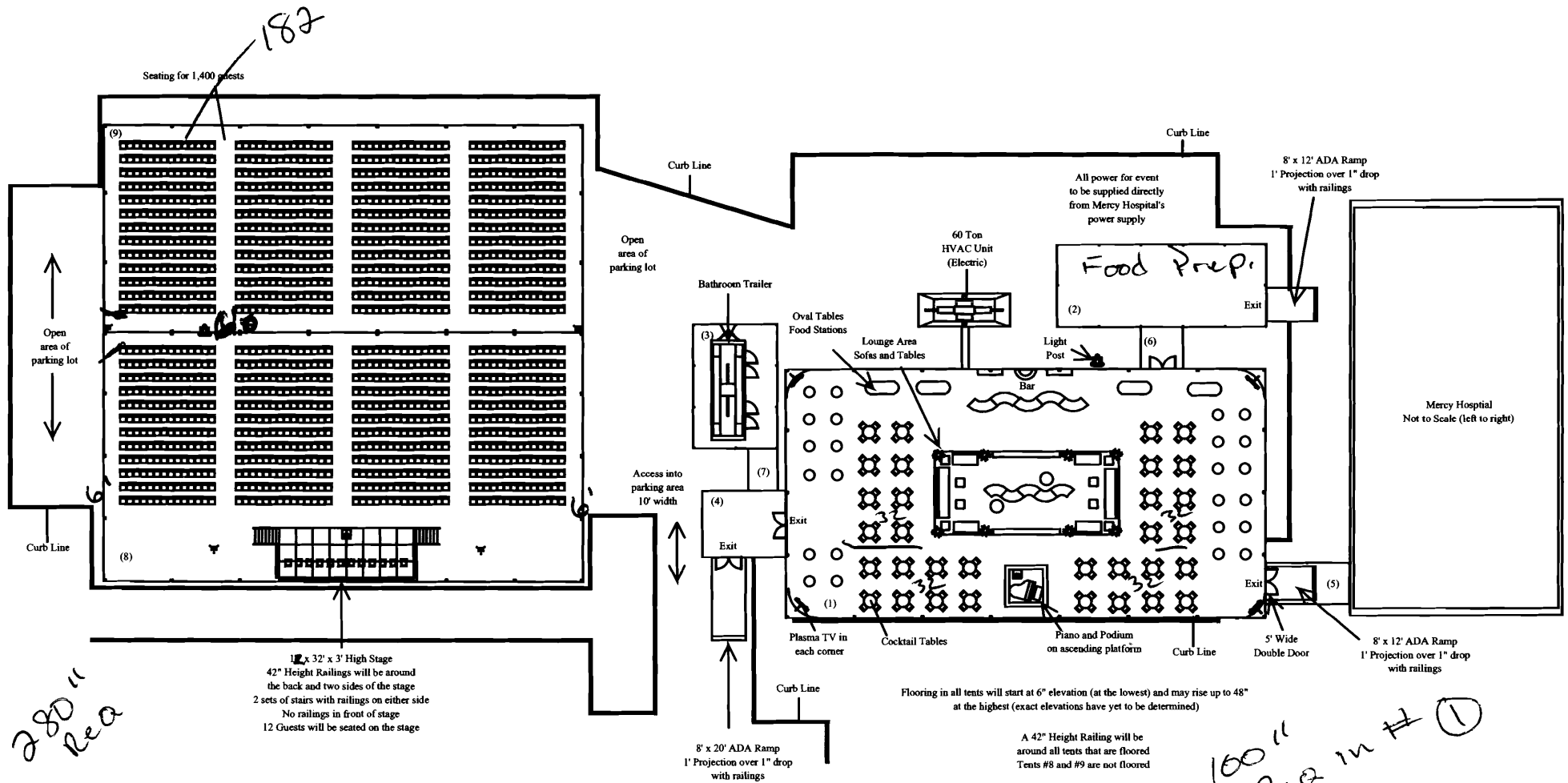
Name of Applicator or Production Superintendent

By Technical Manager

Title

CONTROL NO. M-3586
CUSTOMER ORDER NO. Verbal Bernie
YARDS OR QUANTITY 25 rolls 2500 lbs. 1500 yds
COLOR Clear
STYLE .020 x 54" 3S CPAI/CFM/NFPA/UV/-20°Fcc/DUSTED
DATE PROCESSED 05 / 21 / 04

LEAVITT & PARRIS
MERCY HOSPITAL GRAND OPENING
 Friday, September 5 - Wednesday, September 10 (use dates)



- STRUCTURE ID (Match to corresponding #)
- (1) 60' x 115' x 11' Structure with closed fabric sides (Guests)
 - (2) 20' x 40' x 8' Structure with closed fabric sides (Catering)
 - (3) 20' x 40' x 10' Structure with closed fabric sides (Bathroom Trailer)
 - (4) 16' x 20' x 10' Structure with closed fabric sides (Entrance)
 - (5) 10' x 20' x 10' Structure with open sides (Connection to Hospital)
 - (6) 10' x 10' x 8' Structure with closed fabric sides (Catering connection)
 - (7) 7' x 10' x 8' Structure with closed sides (bathroom connection)
 - (8) 60' x 115' x 11' Structure with open sides (Ceremony)
 - (9) 50' x 115' x 11' Structure with open sides (Ceremony)

Certificate of Flame Resistance



FOR: Leavitt & Parris

ADDRESS: 256 Read Street

CITY: Portland

STATE, ZIP: ME 04103

Drapes

This is to certify that the materials described herein have been flame retardant treated (or are inherently flame resistant).

Certification is hereby made that: (Check "a" or "b")

(a) The article described on this Certificate has been treated with a flame retardant chemical. The warranted period of effectiveness is guaranteed for one year. The fabric has been tested and complies with NFPA 701 Small Scale, and is in conformance with the laws of both the State of California and the City of New York.

(b) The article described on this Certificate has been manufactured using an inherently flame resistant fiber or durable flame retardant process. This fabric will remain flame resistant for the length of its service life. The fabric has been tested and complies with NFPA 701 Small Scale and has been registered and approved by both the CA State Fire Marshal and the New York City Fire Department.

A separate New York City Certificate is available upon request

Style: Nu-Voile Plus
Color: White
Quantity: 900 yards
Lot #(s): C12788

Invoice #: 212567
Date: 6/19/2008
CA State Fire Marshal # _____
City of NY Approval # 5056

The Flame Retardant Process Used WILL NOT Be Removed By Washing


Dazian LLC

BY:

Dazian LLC.
124 enterprise ave. So
Secaucus, NJ 07094
877-232-9426 (Toll Free)
201-549-1055 (Fax)

WWW.Dazian.Com
Info@Dazian.Com

Dazian LLC.
7120 Case Ave.
No. Hollywood, CA 91605
877-432-9426 (Toll Free)
201-549-1056 (Fax)

OFFICE OF

STATE FIRE MARSHAL

1-9

CALIFORNIA DEPARTMENT OF FORESTRY and FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL

REGISTERED FLAME RESISTANT PRODUCT

Product:

PRECONSTRAINT 702 BLACKOUT

Registration No.

F-14408

Product Marketed By:

FERRARI SA
BX54, 38352 LA TOUR DU PIN
LA TOUR DU PIN, FRANCE

This product meets the minimum requirements of flame resistance established by the California State Fire Marshal for products identified in Section 13115, California Health and Safety Code.

The scope of the approved use of this product is provided in the current edition of the CALIFORNIA APPROVED LIST OF FLAME RETARDANT CHEMICALS AND FABRICS, GENERAL AND LIMITED APPLICATIONS CONCERNS published by the California State Fire Marshal.

Pat Sawyer

Deputy State Fire Marshal

Expire: 06/30/2004

FR-8



MAINLINE CARPETS

ATTN:
Johr

8/14/08 13:10:36

Enter/Update Process Specifications

(WPF029)

Process: 100 TUFTING

STYLE: PEBBLE BEACH

Size: 1000

Bk: GI Clr:

Ins= + Del= -


YARN TYPE: NYLON	SIZE: 1411/2	LOT#:
PILE HEIGHT: H 5/16 L 7/32	STITCHES: 30/3	WGT PER SQ YD: 32
MACHINE GAUGE: 1/8 PCU	SHIFTED: PCL 2X2	BKING TYPE: 127"15PK BEIGE POLY
TUFTED WIDTH: 10'1 1/2"	ORDER FOOTAGE:	

07 Aug 2003

To Whom It May Concern:

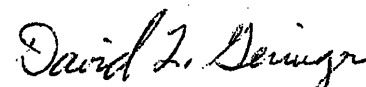
We certify that the Multi-Stage ST-8100 Series Portable Staging System manufactured by bil-jax inc., Archbold, Ohio has been tested to meet or exceed the requirements of applicable standards, namely NFPA 102-86, Uniform Building Code 1997 (UBC), and the International Building Code 2003 (IBC), as interpreted by those whose signatures appear below, and has a safe deck load rating of 150 PSF when properly assembled and erected to a maximum height of 6'2" according to the instructions supplied.

Sincerely,
Bil-Jax inc.,

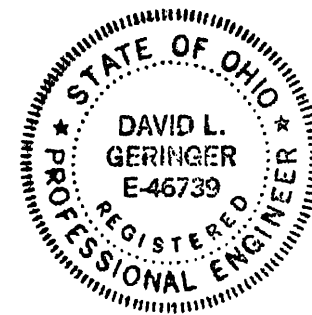


David A. Brinegar
Engineering Manager

I, David L. Geringer, have witnessed the above-mentioned procedures and tests and concur with the intent of this letter:



David L. Geringer, P.E.
Consulting Engineer
8-12-03





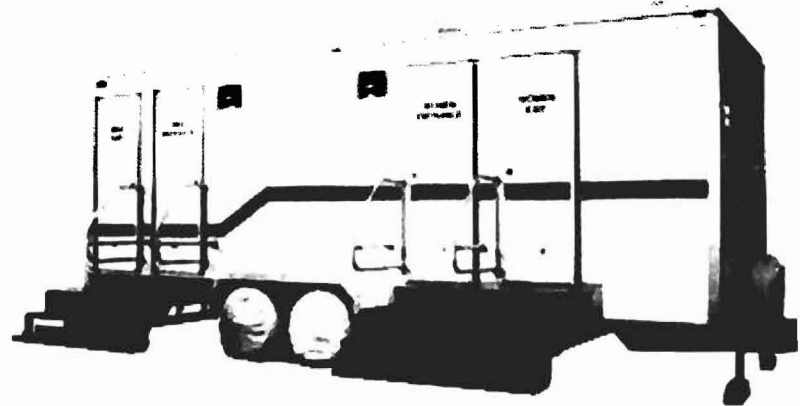


Dave's

CROWD MANAGEMENT

800-672-3402

The Luxury Restroom Trailer Choice Since 1982

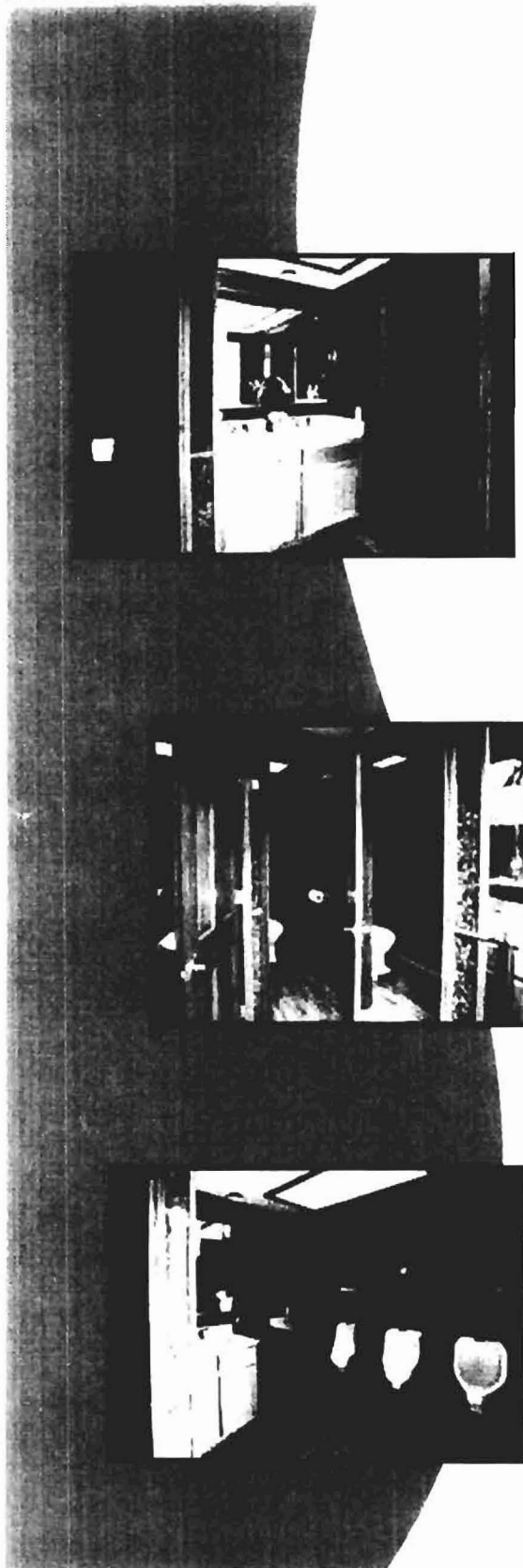


24 Foot Wide-Body Presidential Series Luxury Mobile Restroom Trailer

For the ultimate refinement, comfort and style, choose the 24 Ft. Presidential Series Luxury Mobile Restroom Trailer - designed for your special event in NH, MA, ME, RI, VT, CT, NY and beyond. If you require luxury restroom trailer facilities that rival four star hotel restrooms, with all the amenities associated with ultimate luxury, choose Dave's Crowd Management's Services 24 Ft. Presidential Series Luxury Mobile Restroom Trailer.

Both the women's and men's suites are spacious and climate-controlled, with generous china sinks, private locking bathrooms, immaculate full-size porcelain flush toilets, faux marble wall finish with stained wood trim and other unique amenities listed below. Our courteous on-site attendant ensures the 24 Ft. Presidential Series Luxury Mobile Restroom remains clean and maintained throughout your event. Our Event Restroom Trailers are available for weekend, short-term and long-term rentals. Find out why the most respected caterers and event coordinators have chosen Dave's Crowd Management Services as the trusted provider of 24 Ft. Presidential Series Luxury Mobile Restroom Trailers in NH, MA, VT, CT, RI, ME, NY, serving all of the Northeast.

Call us at 800-672-3402 or book your order online www.davesseptic.com



The trailer layout includes a men's restroom and a women's restroom.

Men's floor plan includes:

- Three porcelain urinals
- Enclosed bathroom with porcelain toilet
- Two separate china sinks with hot and cold running water, hand soap, and paper towels
- Vanity mirror

Women's floor plan includes:

- Four enclosed bathrooms with porcelain toilets
- Three china sinks with hot and cold water, hand soap, and paper towels.
- Vanity mirror

Other amenities include:

- Heating and cooling systems
- Faux marble wall finish with stained wood trim
- Roomy interiors with large double pane skylights
- Indirect lighting
- Comfortable private toilet bathrooms with elongated toilets, brass paper holders, shelves, and wood doors with brass hardware
- Stereo sound system
- Stained wood valances
- Wide steps and deep landings
- Folding steps and handrails
- Full length hinged side exterior doors

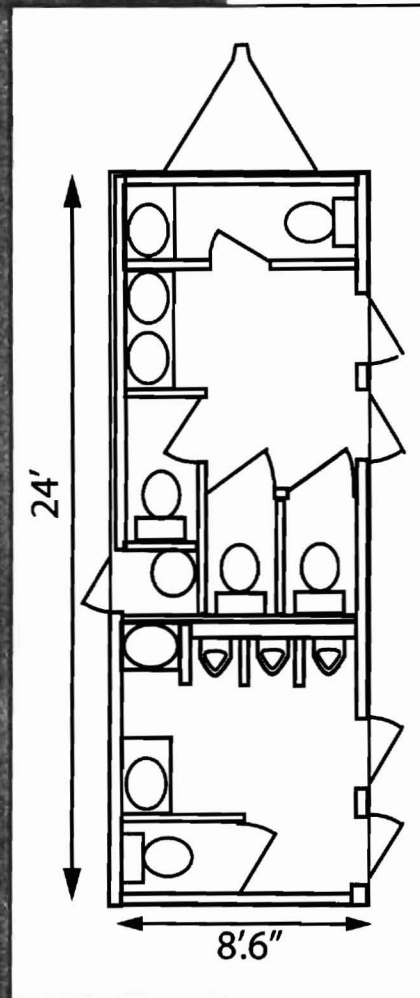
Power Requirements

- The Trailer has 3 20amp 110 v. Edison male connectors
- You will need 3 20 amp 110 v. Edison female connectors
- We supply 100' of electrical cord.

Water Requirements

- All trailers require 20lbs of water pressure and a 3/4" garden hose.
- We supply 100' of garden hose for water hook-up.

(These requirements are "per trailer". All restroom facilities used MUST be placed on level ground.)





18 M LOSBERGER FRAME TENT
STRUCTURAL EVALUATION
(3.4 M EAVE HEIGHT – EASYFLEX PROFILE)



Prepared for:

Doug Remsberg
Losberger U.S. LLC
95 Monocacy Boulevard, B20
Frederick, MD 21705
February 10, 2004

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Evaluation Summary

Table of Contents

This report is a condensed and recompiled version of the original. Refer to the complete structural evaluation report for further details.

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 4.1 Dead Loads

 4.2 Live Loads

 4.3 Wind Loads

 4.4 General Load Cases and Combinations

From Part 5 Structural Analysis and Results

 5.2 ROBOT MILLENIUM Results

 5.2.1 Displacements, Axial Forces, Bending Moments (Critical cases)

 5.2.2 Maximum Applied Loads

 5.2.3 Maximum Base Reactions

18 M LOSBERGER FRAME TENT STRUCTURAL EVALUATION

Prepared for
LOSBERGER U.S LLC
February 10, 2004

EVALUATION SUMMARY

This report documents the structural evaluation of the 18 meter Losberger Frame Tent (3.4 m eave height, Easy-Flex Profile) in accordance with applicable U.S. building codes. This study is based on the technical background information provided by Losberger U.S. LLC. The structure is intended for temporary use only and all of the following load assumptions should not be exceeded at any time for the conclusions of this report to remain valid.

F.T.L Design Engineering Studio compiled this report based on the existing tent system with reference to the applicable building codes in the U.S. This report includes the loading used in the analysis and gives an indication as to what wind exposure the structure is suitable for. Certification of this document only shows that the Professional Engineer of that particular state is in agreement with the report's contents. It does not, however, imply that the structure is generally suitable for use within that state, or that every installation is covered by the report.

WIND SPEED RATING

Wind Speed : 90 mph (3-Second Gust Wind Speed)
Exposure : Class C (Open Country or Terrain)
Return Period : 2 Years (Accounts for the Temporary Nature of the Structure)

It has been found that for the abovementioned wind speed, exposure class and return period, the structure satisfies the requirements of the American Society of Civil Engineers: Minimum Design Loads for Buildings and Other Structures (ANSI/ASCE 7-98). In addition, for the above wind speed, exposure class and return period, the structure is also in accordance with the following building code standards in the U.S. including, but not restricted to:

International Building Code (IBC)
Uniform Building Code (UBC)
Building Officials and Code Administrators (BOCA)
Southern Building Code Congress Int'l: Standard Building Code (SBCCI-SBC)
South Florida Building Code (SFBC)

As for the other wind speeds and exposure classes, refer to Table 0-1 for rating and allowable installation parameters.

BASE REACTIONS

The maximum forces at the foundations / supports due to the rated load and exposure class are as follows:

Maximum Vertical Down Load : 0.91 K (Class C, 90 mph)
Maximum Vertical Uplift : 2.22 K (Class C, 90 mph)
Maximum Shear : 1.80 K (Class C, 90 mph)

The values given are per base plate.

ALLOWABLE HANGING LOADS ON FRAMES

The maximum allowable live load hung from the rafters is 1000 lbs distributed as follows:

Left Rafter Centerspan	:	250 lbs
Ridge	:	500 lbs
Right Rafter Centerspan	:	250 lbs

ADDITIONAL EXPOSURE AND WIND SPEED COMBINATIONS

The 18 meter version is suitable for up to a Class C, 90 mph wind exposure. For other exposures and wind speed combinations refer to the following chart (where the stricken values are the unsuitable pressures for the tent):

18 METER LOSBERGER FRAME TENT (20.30 FT MAXIMUM HEIGHT)
ANSI/ASCE 7-98 WIND PRESSURES, q (psf)

Exposure	85 mph	90 mph	95 mph	100 mph
Class A	5.53	6.20	6.91	7.65
Class B	5.69	6.38	7.11	7.88
Class C	6.91	7.75	8.63	9.57
Class D	8.37	9.39	10.46	11.59

Table 0-1 18 meter Losberger Frame Tent Allowable Exposure Chart

Exposure classes according to ANSI/ASCE 7-98, p.14 are defined as follows:

Exposure A

Large city centers with at least 50% of the buildings having a height in excess of 70 feet. Use of this exposure category shall be limited to those areas for which terrain representative of Exposure A prevails in the upwind direction for a distance of at least one-half mile or 10 times the height of the building or structure, whichever is greater. Possible channeling effects or increased velocity pressures due to the building or structure being located in the wake of adjacent buildings shall be taken into account.

Exposure B

Urban or sub-urban areas, wooded areas or other terrain with numerous closely spaced obstructions having the size of single-family dwellings or larger. Use of this exposure category shall be limited to those areas for which terrain representative of Exposure B prevails in the upwind direction for a distance of at least 1500 feet or 10 times the height of the building or structure, whichever is greater.

Exposure C

Open terrain with scattered obstructions having heights generally less than 30 feet. This category includes flat, open country and grasslands.

Exposure D

Flat, unobstructed areas exposed to wind flowing over large bodies of water. This exposure shall apply only to those buildings and other structures exposed to the wind coming from over the water. Exposure D extends inland from the shoreline a distance of 1500 feet or 10 times the height of the building or structure, whichever is greater.

FIL DESIGN ENGINEERING STUDIO



1000 University Avenue, Suite 200
New York, NY 10017-2498
Tel: 212-477-1000
Fax: 212-477-1001
www.f+i.com

15 M LOSBERGER FRAME TENT
STRUCTURAL EVALUATION
(3.4 M EAVE HEIGHT – EASYFLEX PROFILE)



Prepared for:

Doug Remsberg
Losberger U.S. LLC
95 Monocacy Boulevard, B20
Frederick, MD 21705
November 24, 2003

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Prepared for
LOSBERGER U.S LLC
November 24, 2003

EVALUATION SUMMARY

This report documents the structural evaluation of the 15 meter Losberger Frame Tent (3.4 m eave height, Easy-Flex Profile) in accordance with applicable U.S. building codes. This study is based on the technical background information provided by Losberger U.S. LLC. The structure is intended for temporary use only and all of the following load assumptions should not be exceeded at any time for the conclusions of this report to remain valid.

F.T.L Design Engineering Studio compiled this report based on the existing tent system with reference to the applicable building codes in the U.S. This report includes the loading used in the analysis and gives an indication as to what wind exposure the structure is suitable for. Certification of this document only shows that the Professional Engineer of that particular state is in agreement with the report's contents. It does not, however, imply that the structure is generally suitable for use within that state, or that every installation is covered by the report.

WIND SPEED RATING

Wind Speed : 90 mph (3-Second Gust Wind Speed)
Exposure : Class C (Open Country or Terrain)
Return Period : 2 Years (Accounts for the Temporary Nature of the Structure)

It has been found that for the abovementioned wind speed, exposure class and return period, the structure satisfies the requirements of the American Society of Civil Engineers: Minimum Design Loads for Buildings and Other Structures (ANSI/ASCE 7-98). In addition, for the above wind speed, exposure class and return period, the structure is also in accordance with the following building code standards in the U.S. including, but not restricted to:

Uniform Building Code (UBC)
Building Officials and Code Administrators (BOCA)
Southern Building Code Congress Int'l: Standard Building Code (SBCCI-SBC)
South Florida Building Code (SFBC)

As for the other wind speeds and exposure classes, refer to Table 0-1 for rating and allowable installation parameters.

BASE REACTIONS

The maximum forces at the foundations / supports due to the rated load and exposure class are as follows:

Maximum Vertical Down Load : 0.85 K (Class C, 90 mph)
Maximum Vertical Uplift : 1.85 K (Class C, 90 mph)
Maximum Shear : 1.69 K (Class C, 90 mph)

The values given are per base plate.

ALLOWABLE HANGING LOADS ON FRAMES

The maximum allowable live load hung from the rafters is 1000 lbs distributed as follows:

Left Rafter Centerspan	:	250 lbs
Ridge	:	500 lbs
Right Rafter Centerspan	:	250 lbs

ADDITIONAL EXPOSURE AND WIND SPEED COMBINATIONS

The 15 meter version is suitable for up to a Class C, 90 mph wind exposure. For other exposures and wind speed combinations refer to the following chart (where the stricken values are the unsuitable pressures for the tent):

15 METER LOSBERGER FRAME TENT (19.00 FT MAXIMUM HEIGHT)
ANSI/ASCE 7-98 WIND PRESSURES, q (psf)

Exposure	85 mph	90 mph	95 mph	100 mph
Class A	5.53	6.20	6.91	7.65
Class B	5.69	6.38	7.11	7.88
Class C	6.91	7.75	8.63	9.57
Class D	8.37	9.39	10.46	11.59

Table 0-1 15 meter Losberger Frame Tent Allowable Exposure Chart

Exposure classes according to ANSI/ASCE 7-98, p.14 are defined as follows:

Exposure A

Large city centers with at least 50% of the buildings having a height in excess of 70 feet. Use of this exposure category shall be limited to those areas for which terrain representative of Exposure A prevails in the upwind direction for a distance of at least one-half mile or 10 times the height of the building or structure, whichever is greater. Possible channeling effects or increased velocity pressures due to the building or structure being located in the wake of adjacent buildings shall be taken into account.

Exposure B

Urban or sub-urban areas, wooded areas or other terrain with numerous closely spaced obstructions having the size of single-family dwellings or larger. Use of this exposure category shall be limited to those areas for which terrain representative of Exposure B prevails in the upwind direction for a distance of at least 1500 feet or 10 times the height of the building or structure, whichever is greater.

Exposure C

Open terrain with scattered obstructions having heights generally less than 30 feet. This category includes flat, open country and grasslands.

Exposure D

Flat, unobstructed areas exposed to wind flowing over large bodies of water. This exposure shall apply only to those buildings and other structures exposed to the wind coming from over the water. Exposure D extends inland from the shoreline a distance of 1500 feet or 10 times the height of the building or structure, whichever is greater.

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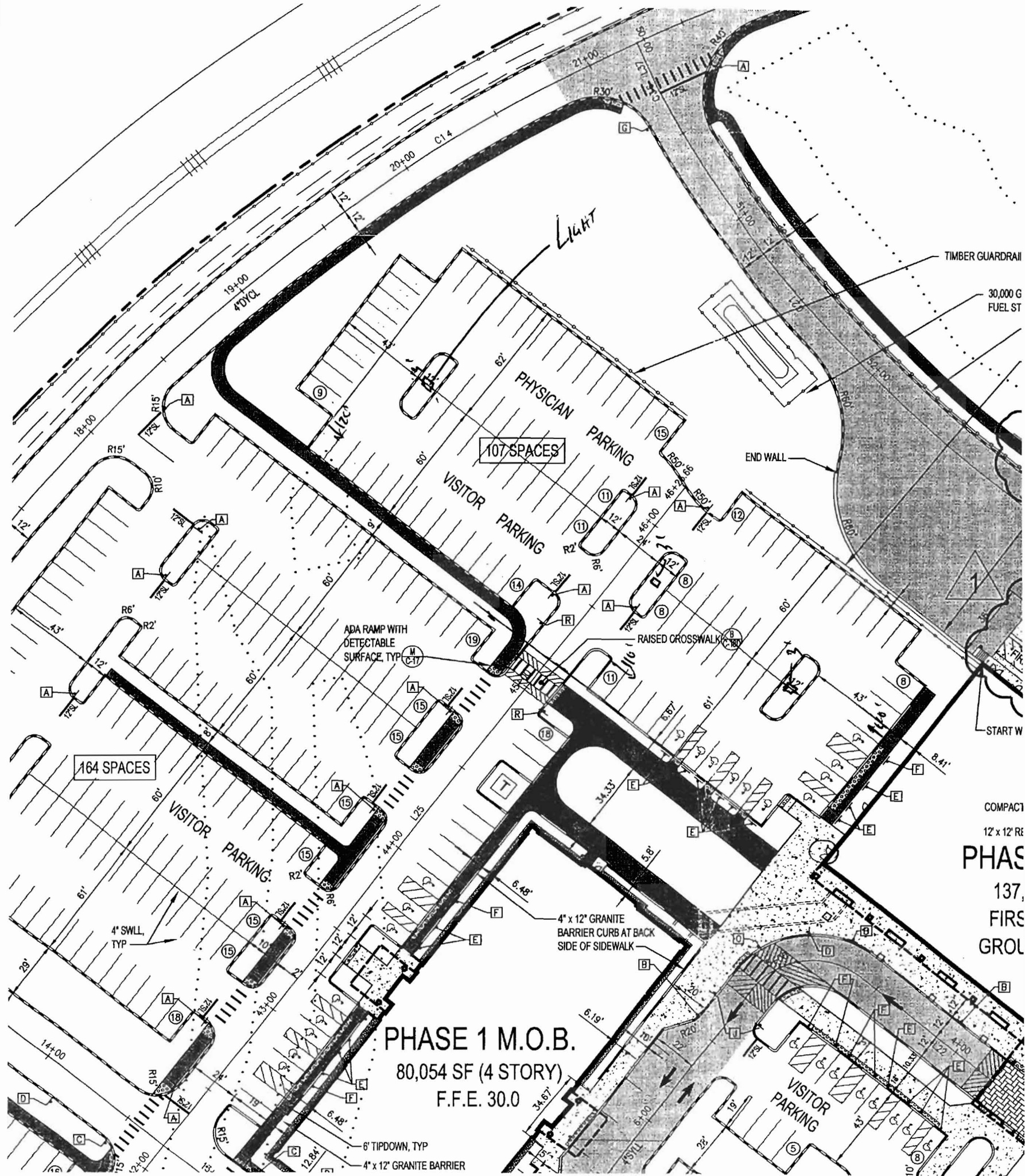
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PHASE 1 M.O.B.
 80,054 SF (4 STORY)
 F.F.E. 30.0

COMPACT
 12' x 12' RE
PHAS
 137,
 FIRS
 GROU