



APPLICATION FOR VARIANCE

State Form 44400 (R7 / 10-13)
Approved by State Board of Accounts, 2013

INDIANA DEPARTMENT OF HOMELAND SECURITY
CODE SERVICES SECTION
302 West Washington Street, Room W246
Indianapolis, IN 46204-2739
http://www.in.gov/dhs/firefp_bs_comm_code/



INSTRUCTIONS: Please refer to the attached four (4) page instructions.
Attach additional pages as needed to complete this application.

Variance number (Assigned by department)

15-05-2

1. APPLICANT INFORMATION (Person who would be in violation if variance is not granted; usually this is the owner)

Name of applicant	Title
St. Raphael Church	
Name of organization	Telephone number
St. Raphael Church	(812) 678-2011
Address (number and street, city, state, and ZIP code)	
5546 E Raphael St. Dubois, IN 47527	

2. PERSON SUBMITTING APPLICATION ON BEHALF OF THE APPLICANT (if not submitted by the applicant)

Name of applicant	Title
Chris Dufek	Sales/Design
Name of organization	Telephone number
Midwest Accessibility Products	(317) 607-9292
Address (number and street, city, state, and ZIP code)	
2050 Stapleton Ct. Cincinnati, OH 45240	

3. DESIGN PROFESSIONAL OF RECORD (if applicable)

Name of design professional	License number
Name of organization	Telephone number
	()
Address (number and street, city, state, and ZIP code)	

4. PROJECT IDENTIFICATION

Name of project	State project number	County
St. Raphael church	na	Dubois
Address of site (number and street, city, state, and ZIP code)		
5546 E Raphae St. Dubois, IN 47527		
Type of project		
<input type="checkbox"/> New <input type="checkbox"/> Addition <input type="checkbox"/> Alteration <input type="checkbox"/> Change of occupancy <input checked="" type="checkbox"/> Existing		

5. REQUIRED ADDITIONAL INFORMATION

The following required information has been included with this application (check as applicable):

- A check made payable to the Indiana Department of Homeland Security for the appropriate amount. (see instructions)
- One (1) set of plans or drawings and supporting data that describe the area affected by the requested variance and any proposed alternatives.
- Written documentation showing that the local fire official has received a copy of the variance application.
- Written documentation showing that the local building official has received a copy of the variance application.

6. VIOLATION INFORMATION

Has the Plan Review Section of the Division of Fire and Building Safety issued a Correction Order?

Yes (If yes, attach a copy of the Correction Order.) No

Has a violation been issued?

Yes (If yes, attach a copy of the Violation and answer the following.) No

Violation issued by:

Local Building Department
 State Fire and Building Code Enforcement Section
 Local Fire Department

Nature of non-compliance (Include a description of spaces, equipment, etc. involved as necessary.)

3.1.2.1 requires 80" overhead above platform. we have 84" at top and 50" at lower end of platform and 71.5" at seat area.. 3.1.2.2 headroom clearance shall be 60" during travel. During travel overhead lowest spot is 50" and once it clears beam area overhead is within code.

8. DEMONSTRATION THAT PUBLIC HEALTH, SAFETY, AND WELFARE WILL BE PROTECTED

Select one of the following statements:

- Non-compliance with the rule will not be adverse to the public health, safety or welfare; or
- Applicant will undertake alternative actions in lieu of compliance with the rule to ensure that granting of the variance will not be adverse to public health, safety, or welfare. Explain why alternative actions would be adequate (be specific).

Facts demonstrating that the above selected statement is true:

We will install signs warning low overhead and please be seated at upper and lower landings. There is a fold down seat on platform and a attendant remote for customer to operate lift while passenger is riding if needed. We will also put padding over low overhead area affected and more signage warning of low overhead. Customer will alter drop ceiling to creat as much overhead as possible up to beam.

9. DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE

Select at least one of the following statements:

- Imposition of the rule would result in an undue hardship (unusual difficulty) because of physical limitations of the construction site or its utility services.
- Imposition of the rule would result in an undue hardship (unusual difficulty) because of major operational problems in the use of the building or structure.
- Imposition of the rule would result in an undue hardship (unusual difficulty) because of excessive costs of additional or altered construction elements.
- Imposition of the rule would prevent the preservation of an architecturally or a historically significant part of the building or structure.

Facts demonstrating that the above selected statement is true:

There is a structural beam in ceiling above stairs which supports upper level above stairway. The cost of construction and design would be to excessive for church. They are just wanting to be able to get someone in a wheelchair to lower meeting area for church functions.

10. STATEMENT OF ACCURACY

I hereby certify under penalty of perjury that the information contained in this application is accurate.

Signature of applicant or person submitting application <i>Chris Dufek</i>	Please print name Chris Dufek	Date of signature (month, day, year) 4/6/2015
Signature of design professional (if applicable)	Please print name	Date of signature (month, day, year)

11. STATEMENT OF AWARENESS (If the application is submitted on the applicant's behalf, the applicant must sign the following statement.)

I hereby certify under penalty of perjury that I am aware of this request for variance and that this application is being submitted on my behalf.

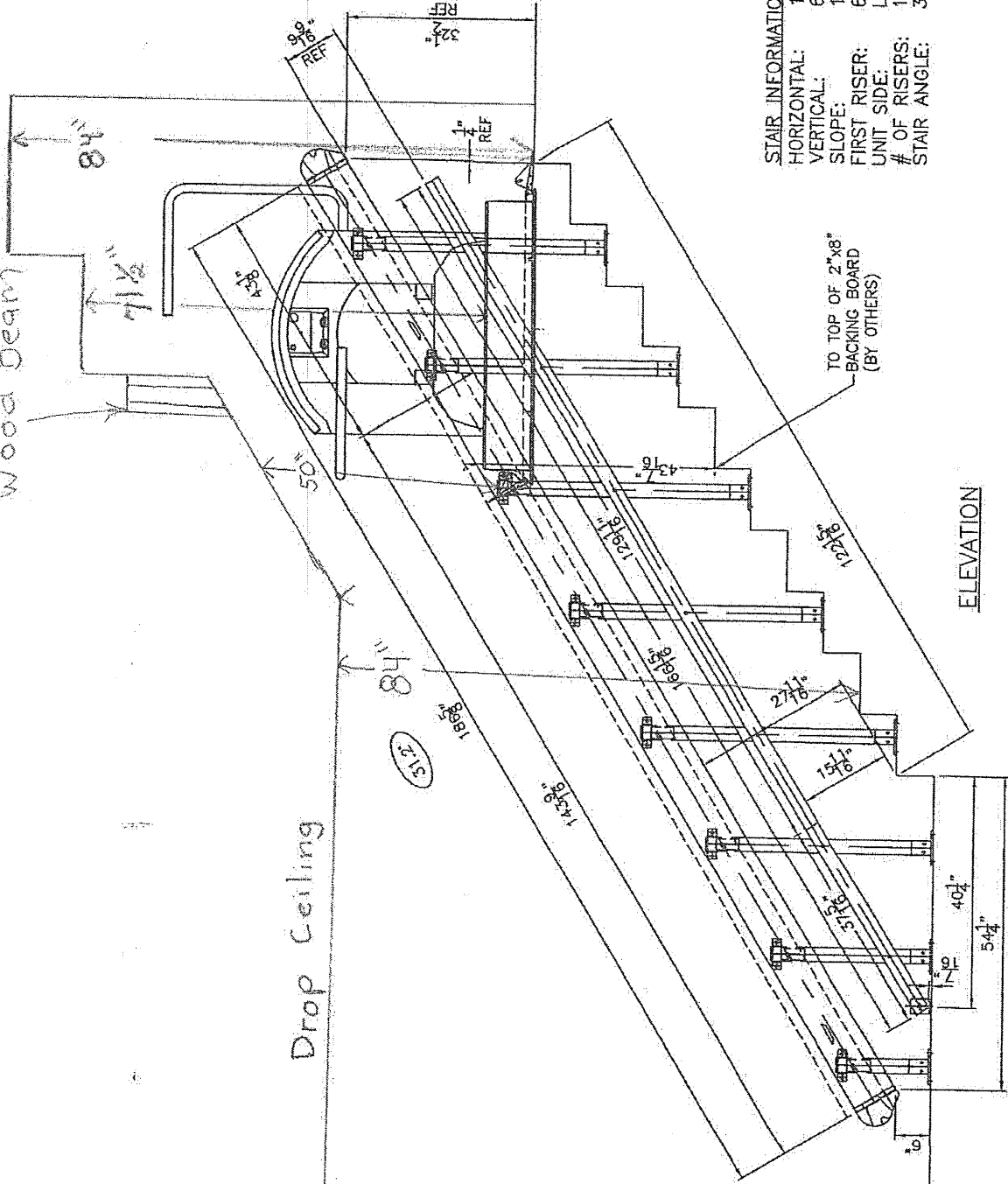
Signature of applicant <i>Angie Mitchell</i>	Please print name Angie Mitchell	Date of signature (month, day, year) 4-7-15
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Structural Wood Beam

Drop Ceiling

STAIR INFORMATION:
 HORIZONTAL: 105 1/8"
 VERTICAL: 63 3/4"
 SLOPE: 123"
 FIRST RISER: 6 1/2"
 UNIT SIDE: LEFT
 # OF RISERS: 11
 STAIR ANGLE: 31.23°

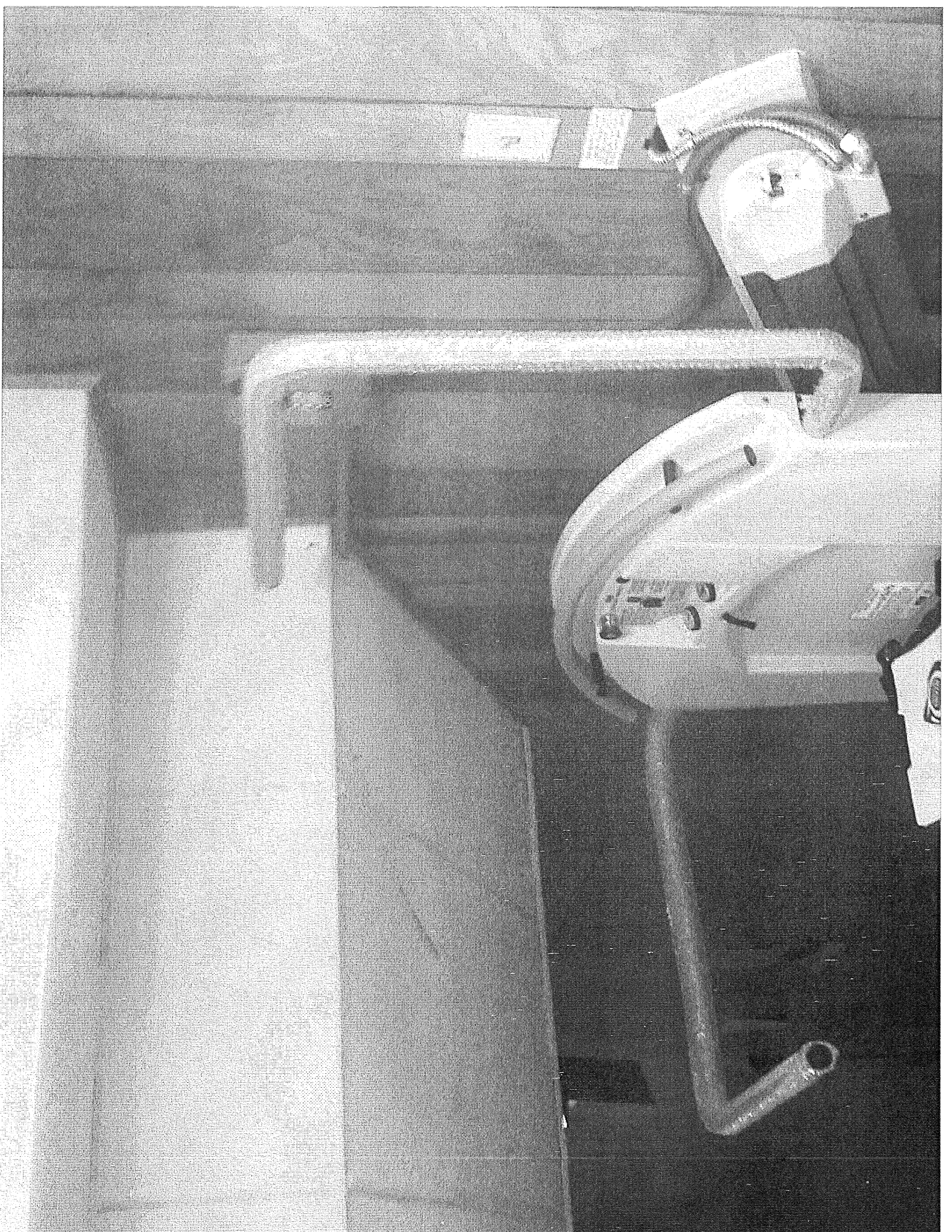
ELEVATION



A. INITIAL RELEASE	TOLERANCES: DIMENSIONAL ±1/16"	ANGULAR ±0.5°	UNITS: INCHES	12/04/14	RF
REV. SCALE: NTS	PROJECTION:		DATE	DRN. BY	CHK. BY
XPRESS II FABRICATION DRAWING			63690-FI-A		
ST. RAPHAEL			PAGE 2 OF 4		
5564 E RAPHAEL ST.			MIDWEST ACCESSIBILITY PRODUCTS (OH)		
DUBOIS IN 47527					

7505 - 134A STREET
 SURREY, BC, CANADA V3W 7B3
 PH: ++1 604 594 0422
 FAX: ++1 604 594 9915
 http://www.garaventailift.com





ASME A18.1-2005
(Revision of ASME A18.1-2003)

Safety Standard for Platform Lifts and Stairway Chairlifts

AN AMERICAN NATIONAL STANDARD



**The American Society of
Mechanical Engineers**

2.12.1 Standby Power. Except where permitted by 2.12.1.1, the lift shall be powered by a standby power system from the building.

2.12.1.1 Battery Power. A lift equipped with rechargeable battery power capable of cycling the lift under full load for five cycles minimum after building power is removed shall be permitted.

(05) **2.13 Code Data Plate**

A data plate shall be provided that indicates the A18.1 Standard to be used for inspections and tests. The data plate shall be in plain view, securely attached on the main line disconnect or on the controller. The data plate shall be of such material and construction that the letters and figures stamped, etched, cast, or otherwise applied to the face shall remain permanently and readily legible. The height of the letters and figures shall be not less than 3 mm (0.125 in.).

3 INCLINED PLATFORM LIFTS³

Section 3 applies to inclined platform lifts installed in locations other than in or at a private residence for use by the mobility impaired.

3.1 Runways

3.1.1 Means of Egress. Lifts shall be installed so that the means of egress is maintained as required by the authority having jurisdiction.

3.1.2 Clearances. Clearances between the platform and adjacent surfaces shall not be less than 20 mm (0.75 in.). At no point in its travel shall the edge of the platform floor facing the uppermost landing be more than 600 mm (24 in.) above a step or landing as measured vertically.

3.1.2.1 Headroom clearance where the platform is positioned for boarding shall not be less than 2 000 mm (80 in.) as measured vertically from all points on the surface of the platform floor.

3.1.2.2 Headroom clearance during travel shall be not less than 1 500 mm (60 in.) as measured vertically from any point on the surface of the platform floor.

(05) **3.1.2.3** If the headroom is less than 2 000 mm (80 in.) measured from all points on the platform floor surface throughout its travel a caution sign shall be provided. The caution sign shall contain the words "CAUTION. LOW OVERHEAD" and "SEAT AND SEATBELT PROVIDED." The caution sign shall be securely fastened in a conspicuous place. Letters shall be not less than 6 mm (0.25 in.) high.

³ See section 6 for the requirements for this equipment installed in or at a private residence.

3.1.3 Pipes in Runway Vicinity. Pipes conveying steam, gas, or liquid that, if discharged into the runway, would endanger life or health shall not be permitted.

3.1.4 Lower Level Access Ramps and Pits. Lifts shall be permitted to have a pit. Unenclosed pits shall not exceed 100 mm (4 in.) in depth. Where a pit is not provided, a floor mounted or retractable platform floor mounted ramp shall be provided in accordance with para. 3.1.4.1 or 3.1.4.2.

3.1.4.1 Ramping inclinations for floor mounted ramps shall be not greater than

- (a) 1 in 8 for heights up to 75 mm (3 in.)
- (b) 1 in 10 for heights up to 100 mm (4 in.)
- (c) 1 in 12 for heights greater than 100 mm (4 in.)

3.1.4.2 Retractable ramps shall be automatically actuated and shall remain in their elevated position until the platform returns to the landing. When in use, the inclination of the ramps shall not be greater than

- (a) 1 in 4 for heights up to 50 mm (2 in.)
- (b) 1 in 6 for heights up to 65 mm (2.5 in.)
- (c) 1 in 8 for heights up to 75 mm (3 in.)
- (d) 1 in 10 for heights up to 100 mm (4 in.)
- (e) 1 in 12 for heights greater than 100 mm (4 in.)

3.1.5 Structural Support. The structure on which the lift is installed shall be capable of safely supporting the loads imposed.

3.1.6 Electrical Equipment and Wiring

3.1.6.1 The installation of electrical equipment and wiring shall conform to the requirements of ANSI/NFPA 70.

3.1.6.2 Electrical equipment shall be certified to the requirements of CAN/CSA B44.1/ASME A17.5.

3.2 Guide Rails and Tracks

3.2.1 Material. Guide rails shall be of metal construction.

3.2.1.1 Requirements for Steel, Where Used. Rails, brackets, fishplates, and rail clips shall be made of open-hearth steel or its equivalent having a tensile strength of not less than 380 MPa (55,000 psi) and having an elongation of not less than 22% in a length of 50 mm (2 in.). Bolts shall conform to ASTM A 307. Rivets shall conform to ASTM A 502.

3.2.1.2 Requirements for Metals Other Than Steel. Metals other than steel shall be permitted to be used provided the factor of safety is not less than, and the deflections are not more than, the values specified in section 3, and provided that cast iron is not used.

3.2.1.3 Guide-Rail Surfaces. Guide-rail surface used for guiding a platform or counterweight shall be sufficiently smooth and true to operate properly with

