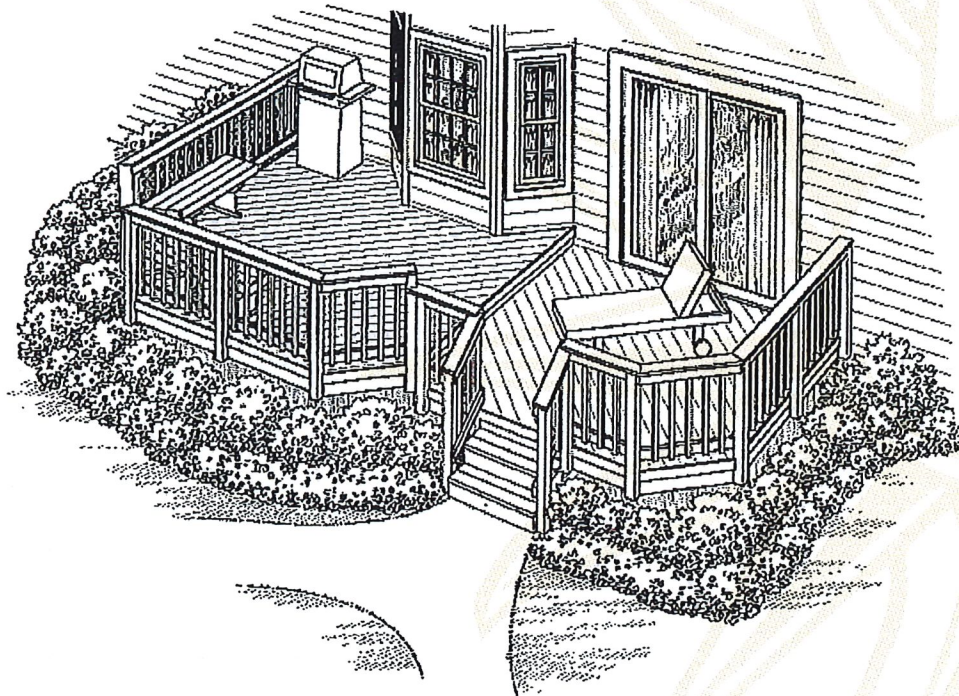


Development Services Department

**Deck Addition to
Single Family Dwelling**



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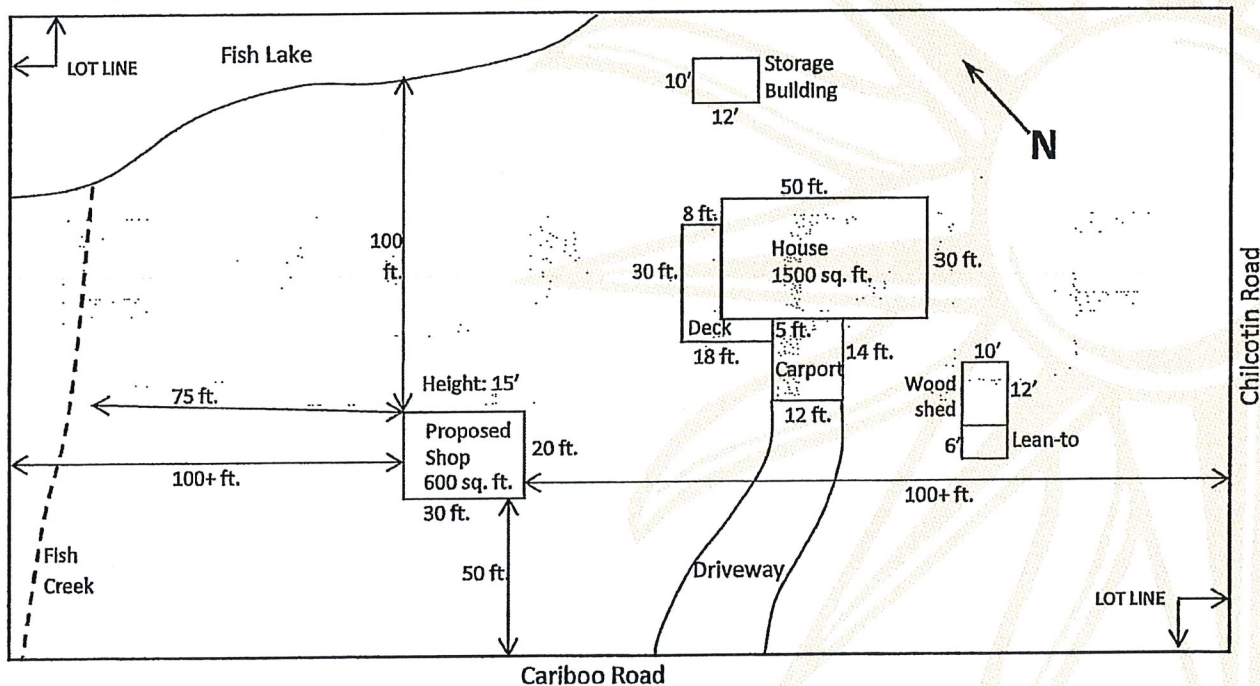
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Site Plan Instructions

Please use this checklist and example to create your site plan on the following page.

Please indicate:

- ☐ The lot lines;
- ☐ Sketch in the location and dimensions (footprint) of all buildings (existing and proposed), indicating second storeys, decks, carports and sheds;
- ☐ Show the overall height of proposed structure;
- ☐ Label use of each building as shown on sketch;
- ☐ Show the distance to each lot line and waterbody from the proposed structure;
- ☐ The location of any creek, and/or lake that may be present;
- ☐ The location of the driveway and all lanes or streets on which the property borders;
- ☐ Draw an arrow indicating the North direction; and
- ☐ The street or road name and legal description/PID of the property.



Street or Road Number/Name: 1234 Cariboo Road

Owner's name: John Smith

PID: 000-000-000



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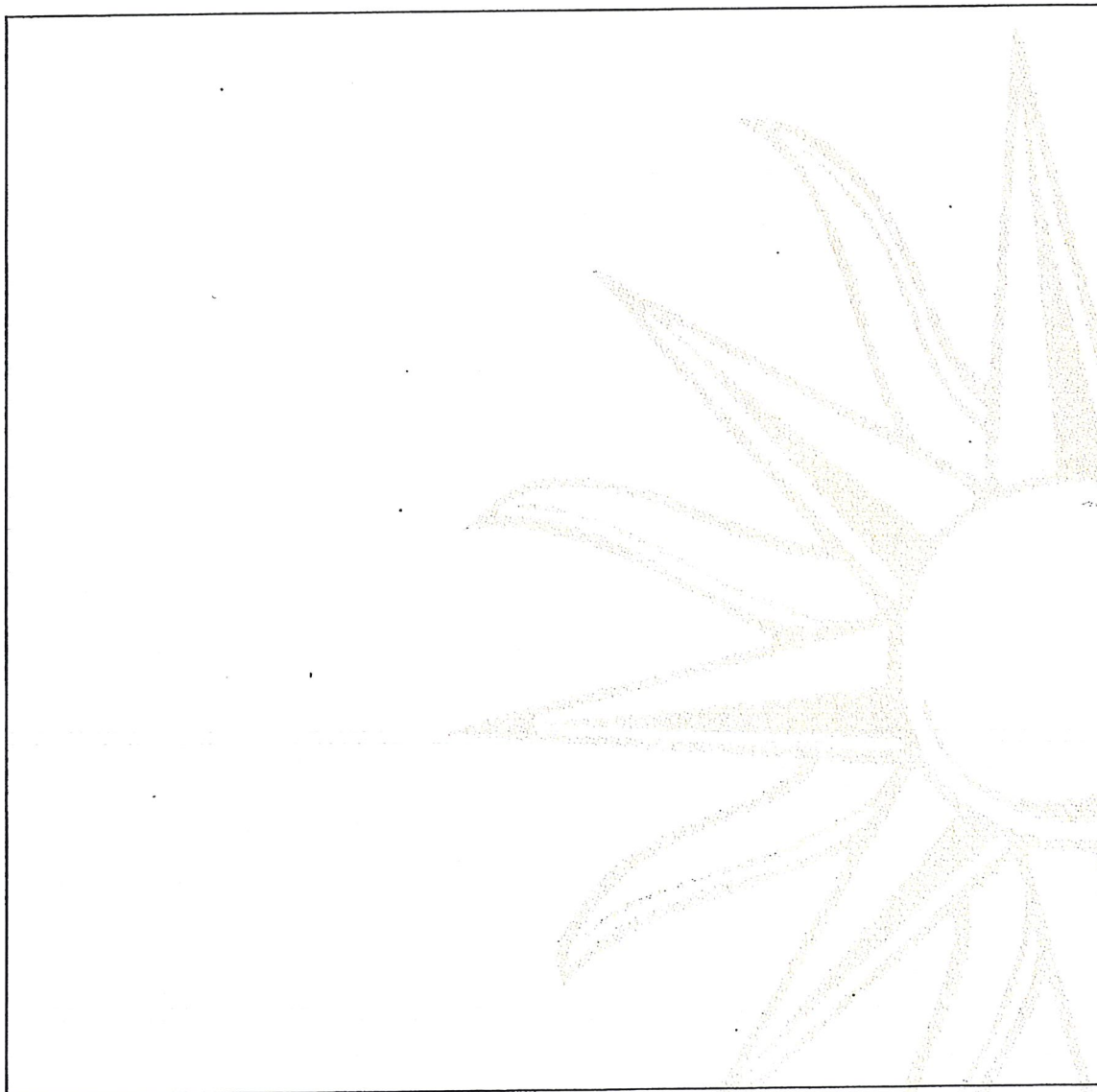
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Site Plan Worksheet

Please draw a site plan depicting your property and proposal as instructed on the previous page:



Street or Road Number/Name: _____

Owner's name: _____

PID: _____



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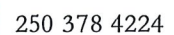
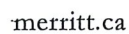
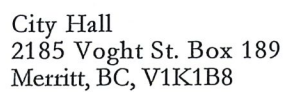
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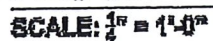


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EXAMPLE





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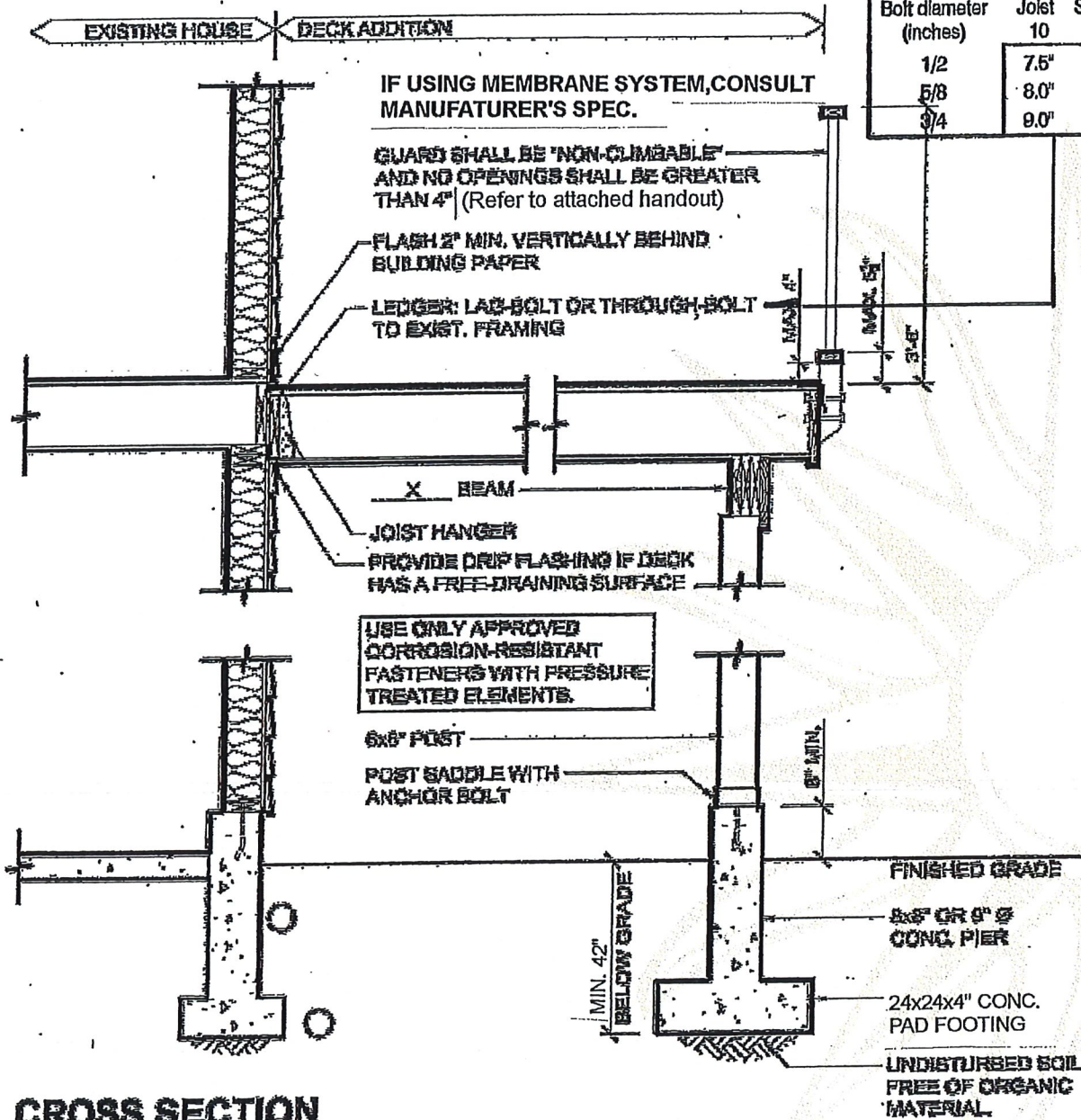
FLOURISH UNDER THE SUN

TABLE 1: Single row of through bolts

Bolt diameter (inches)	Joist 10	Span 12	In 14	Feet 16
1/2	9.0"	7.5"	6.5"	5.0"
5/8	11.0"	9.0"	7.5"	7.0"
3/4	12.5"	10.5"	9.0"	8.0"

TABLE 2: Single row of lag screws

Bolt diameter (inches)	Joist 10	Span 12	In 14	Feet 16
1/2	7.5"	6.5"	5.0"	4.5"
5/8	8.0"	7.0"	6.0"	5.0"
3/4	9.0"	7.5"	6.5"	5.5"



CROSS SECTION

SCALE: $\frac{1}{2}'' = 1'-0''$

EXAMPLE



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Development Services Department Residential stairs, guards and handrails

HANDRAILS

Maximum variation of 3/16" for risers and 3/8" for treads.

Minimum width of stairs within a dwelling is 34".

Handrail to be graspable. Top of handrail to be between 34" and 38" above line drawn through front edge of stair treads.

Handrails required at one side of all interior stairs with more than 2 risers and exterior stairs with more than 3 risers.

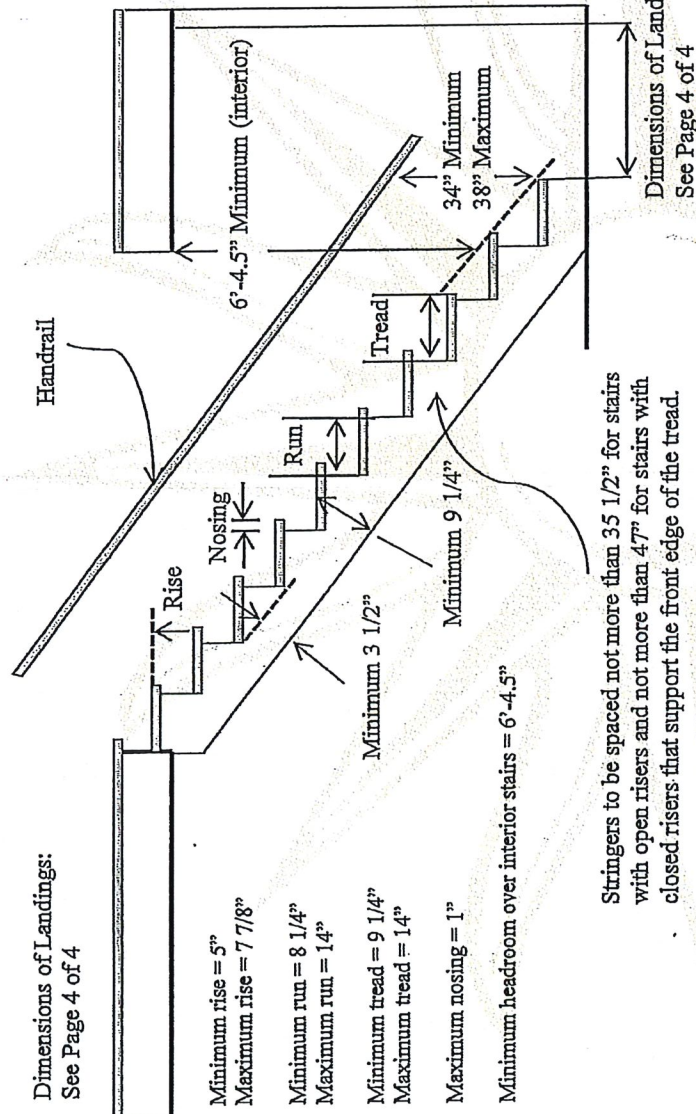
Handrail to project a maximum of 4" into the required width of the stairway.

Minimum clear space of 2" required between handrail and wall.

All handrails shall be constructed so as to be continually graspable along their entire length with no obstruction on or above them to break a handhold, except where the handrail is interrupted by newels and changes in direction.

Handrails and any building element that could be used as a handrail shall be designed and attached in such a manner as to resist a concentrated load at any point of not less than 200 pounds.

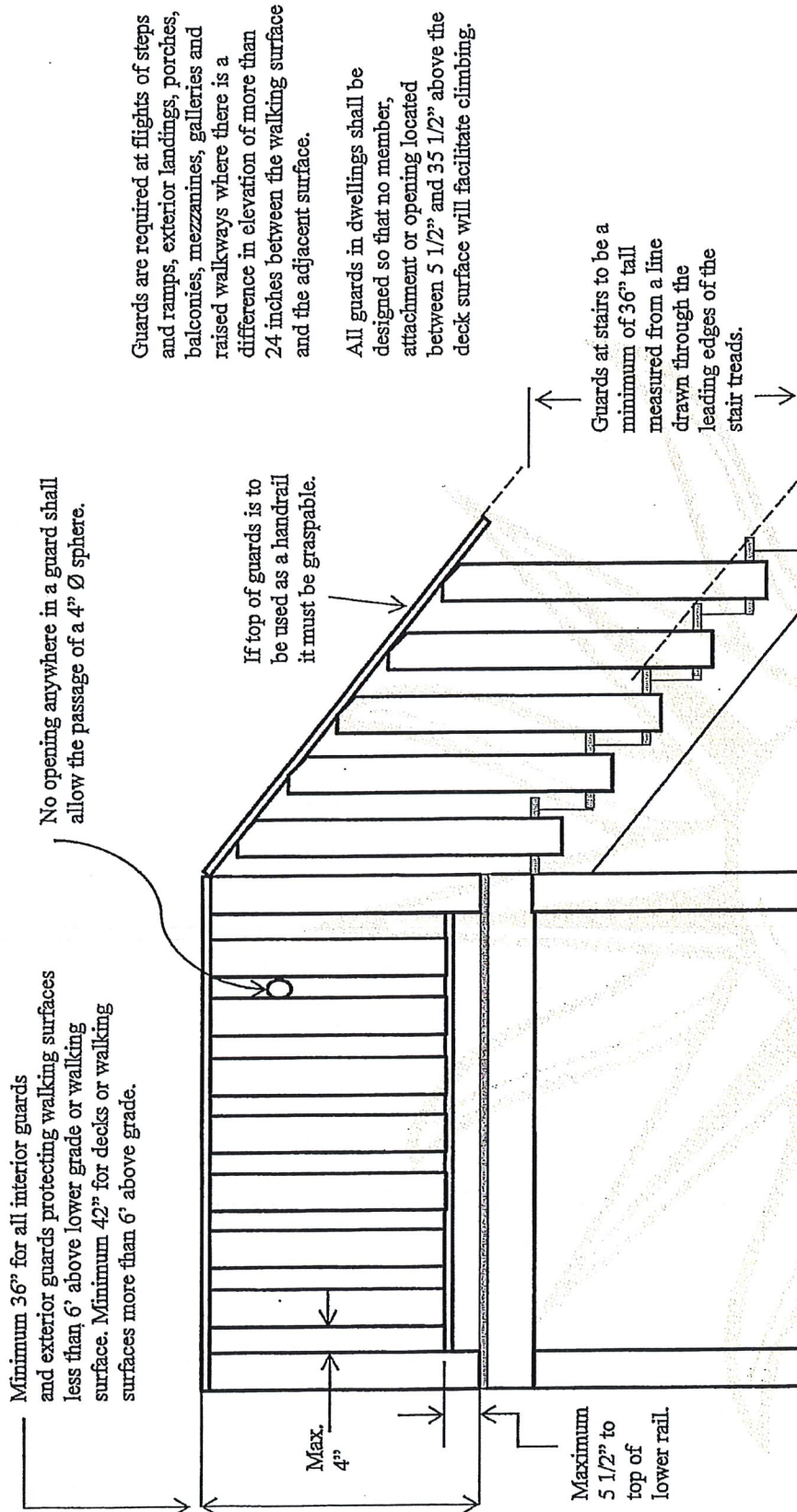
Where a handrail serving a single dwelling unit is attached to wood studs or blocking the attachment points are to be spaced not more than 4 feet apart. The first attachment point at either end is to be located no more than 12 inches from the end of the handrail and the fasteners consist of not less than 2 wood screws at each point, penetrating not less than 1 1/4 inches into solid wood.



The information presented here is based on Section 9.8 of the BC Building Code. It applies to dwellings and small residential buildings.



Development Services Department Residential stairs, guards and handrails



The information presented here is based on Section 9.8 of the BC Building Code. It applies to dwellings and small residential buildings. Page 2 of 3



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Development Services Department Residential stairs, guards and handrails

Minimum design load of 112 pounds per 12" by 12" section applied horizontally to any elements within the guard including solid panels and pickets.

Minimum design load of 103 pounds per foot applied vertically on the guard.

Minimum design load of 225 pounds applied horizontally inward or outward at any point along the top of the guard.

WINDERS

Winders must be 30° or 45°.
Stairs incorporating winders may turn maximum 90° total.
Winders to have a minimum width of 5 5/16" at narrow Ends.

