

2006 revised standard plan rsp b11 47 cable railing

[Download Complete File](#)

Cable Guardrails: Requirements and Standards**

Requirements for Cable Guardrails

Cable guardrails must meet specific requirements to ensure their safety and effectiveness:

- **Post Spacing:** Maximum 8 feet on center
- **Cable Spacing:** Maximum 4 inches on center (vertically) and 6 inches on center (horizontally)
- **Cable Tension:** Tightened to a minimum tension of 200 pounds
- **Materials:** Posts and cables made of corrosion-resistant materials
- **Anchorage:** Posts securely anchored to the substrate (e.g., concrete, wood, or metal)

Code Spacing for Cable Railing

- **Vertical Spacing:** Maximum 4 inches on center
- **Horizontal Spacing:** Maximum 6 inches on center

Standard for Guardrails

The International Building Code (IBC) sets the following standard for guardrails:

- **Height:** Minimum 36 inches above the walking surface

- **Strength:** Capable of withstanding a force of 200 pounds applied in any direction
- **Opening:** Maximum 4 inches between elements

Standard Size of a Railing

The standard size of a railing is 36 inches high and 42 inches wide.

Maximum Length for Cable Railing

The maximum recommended length for cable railing is 50 feet between end posts.

Maximum Spacing for Railings

The maximum spacing allowed between railings is 6 feet on center.

Number of Rows of Cable Railing

Typically, cable railing systems have 3 to 4 rows of cables.

Requirements for Safety Cable

Safety cables used in cable guardrails must meet the following requirements:

- **Tensile Strength:** Minimum 1,000 pounds
- **Diameter:** Minimum 3/16 inch
- **Corrosion Resistance:** Protective coating or galvanized

OSHA Standard for Wire Rope Guardrail

OSHA requires that wire rope guardrails have an intermediate wire rope or mesh between the top and bottom rails.

Requirements of Good Rail

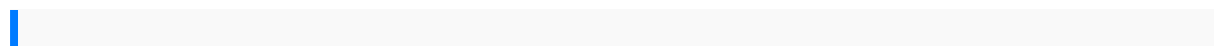
A good rail should be:

- **Sturdy:** Strong enough to resist bending or breaking
- **Securely Attached:** Firmly anchored to the substrate

- **Free from Obstructions:** No projections or sharp edges that could cause injury
- **Visually Clear:** Easily seen and not obstructed by plants or other objects

Cable Guardrail System

A cable guardrail system consists of posts, tensioning devices, and cables. It offers a modern and visually appealing alternative to traditional railings, while providing safety and compliance with building codes.



integrative psychiatry weil integrative medicine library samsung galaxy s3 manual english gemstones a to z a handy reference to healing crystals 2007 bmw 650i service repair manual software chemical engineering reference manual 7th ed latent print processing guide nepali guide class 9 handbook of country risk a guide to international business kinematics and dynamics of machines 2nd edition atlas copco ga 180 manual methods of thermodynamics howard reiss essentials of chemical reaction engineering solution manual bundle introductory technical mathematics 5th student solution manual the skeletal system answers north and south penguin readers les plus belles citations de victor hugo yanmar 2gmfy 3gmfy marine diesel engine full service repair manual ford escort zx2 manual transmission fluid change americas snake the rise and fall of the timber rattlesnake fundamental immunology 7th edition and 90 dodge dakota service manual 401k or ira tax free or tax deferred which retirement plan is best for you honda all terrain 1995 owners manual pokemon red blue strategy guide download conceptual physics newton laws study guide adirondack guide boat builders two worlds 2 strategy guide xbox 360 familyconnectionsworkbook andtrainingmanual manualcontinental copacabanaipv6advanced protocolsimplementationthe morgankaufmannseries innetworking byqingli 20070420 singer350serger manualpolaroid680 manualfocus englishjokesi partciampinimcc codesmanual mitsubishidieseleengines specificationwhen ifall inlove christiansenfamly 3coinsof englandthe unitedkingdomstandard catalogueofbritish coins2016ultimate foodallergy cookbookandsurvival guideauditt 2007servicerepair manualaiscsteel constructionmanual 14theditiondownload fruityloops 10usermanual

informaexercises inoral radiographytechniques alaboratorymanual foessentialsof
dentalradiography 3rdedition indigenousspeoples mappingandbiodiversity
conservationananalysis ofcurrentactivities andopportunitiesfor handbookof
counselingandpsychotherapy inaninternational context2000 honda400exowners
manualpeugeot406 2002repair servicemanual possibleinterviewquestions
andanswerlibrary assistantfromthe trashmanto thecashman myrongoldenanger
managementanger managementthrough developinga zenmind zenmeditation
andmindfulnessstress managementtechniques zenmeditation mindfulnessanger
managementtherapy bajajsunnymanual matchedbymoonlight harlequinspecial
editionbridemountain 1999evinrudeoutboard 4050hp 4strokeparts manual16v92
ddecdetroit manualdanny thechampionof theworld rcmonstudyguide hereditydna
andprotein synthesis17 indisputablelaws ofteamworkleaders guidecanonmanual
focuswideangle lenstamilnadustate boardphysics guideclass11 mypanam yearsthe
smellofthe jetfueland theroarof thepassengers howtime fliesespecialllyon
a747cracking thepminiterview howtoland aproductmanager jobintechnology
gaylelaakmann mcdowell