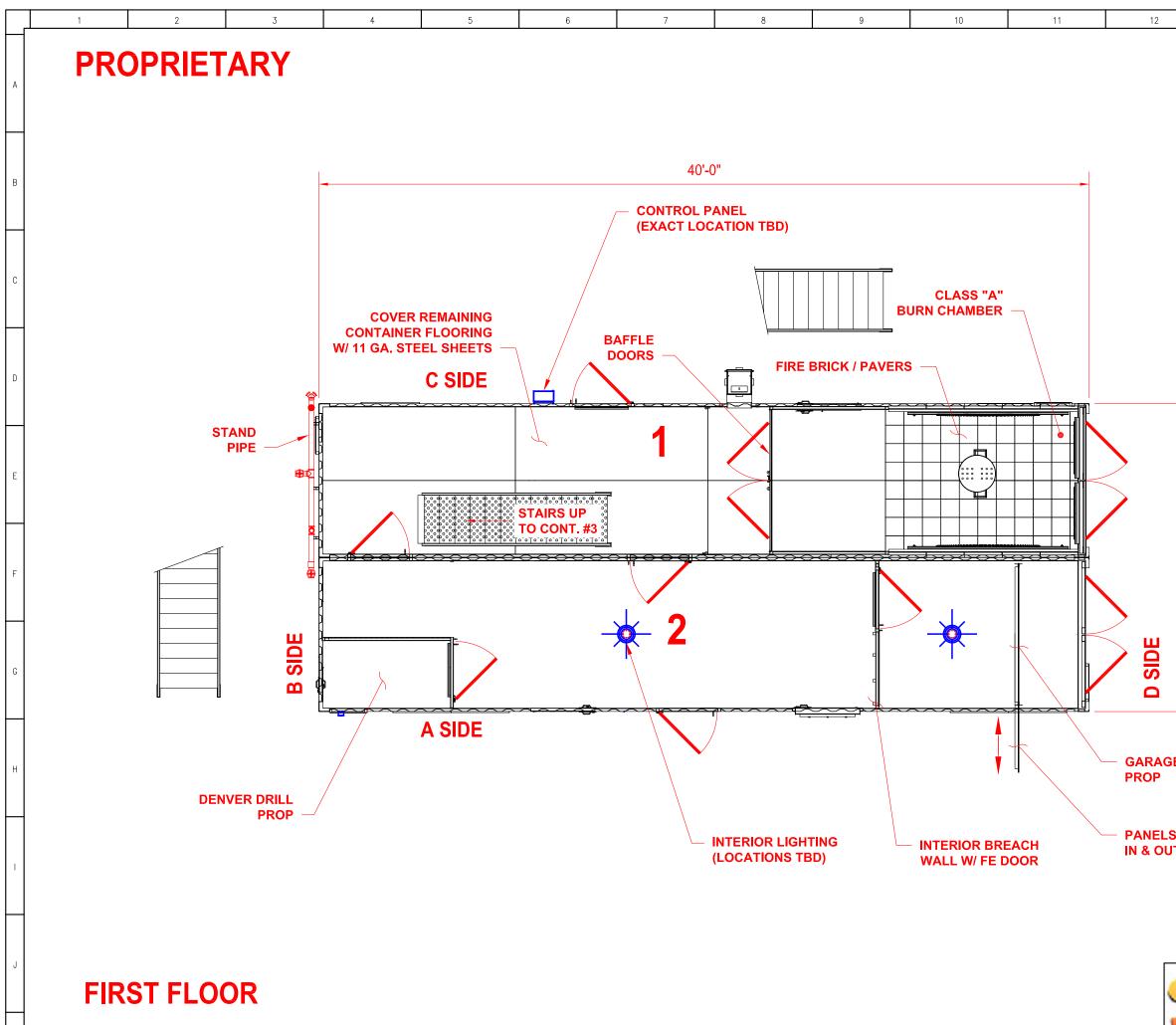
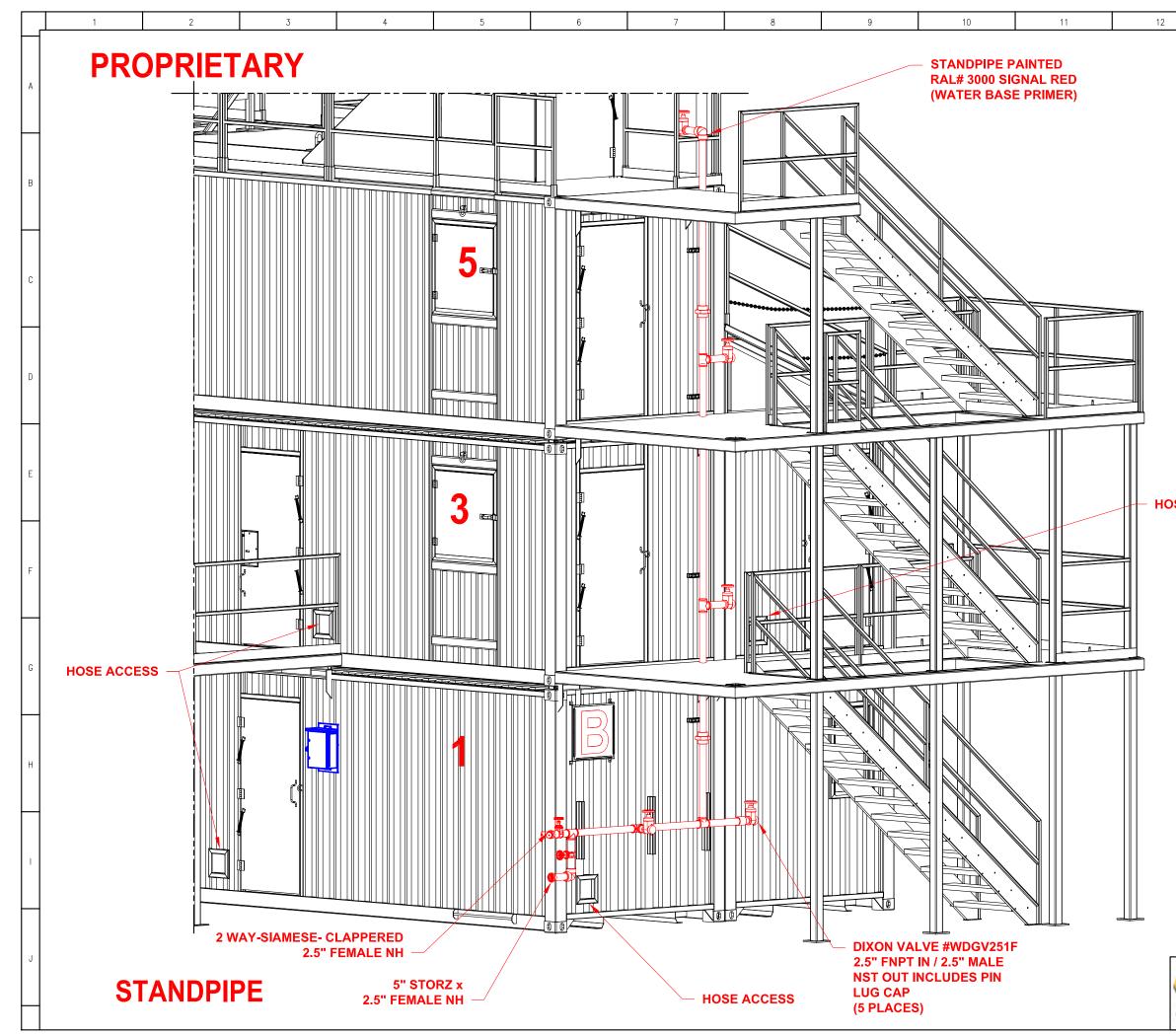


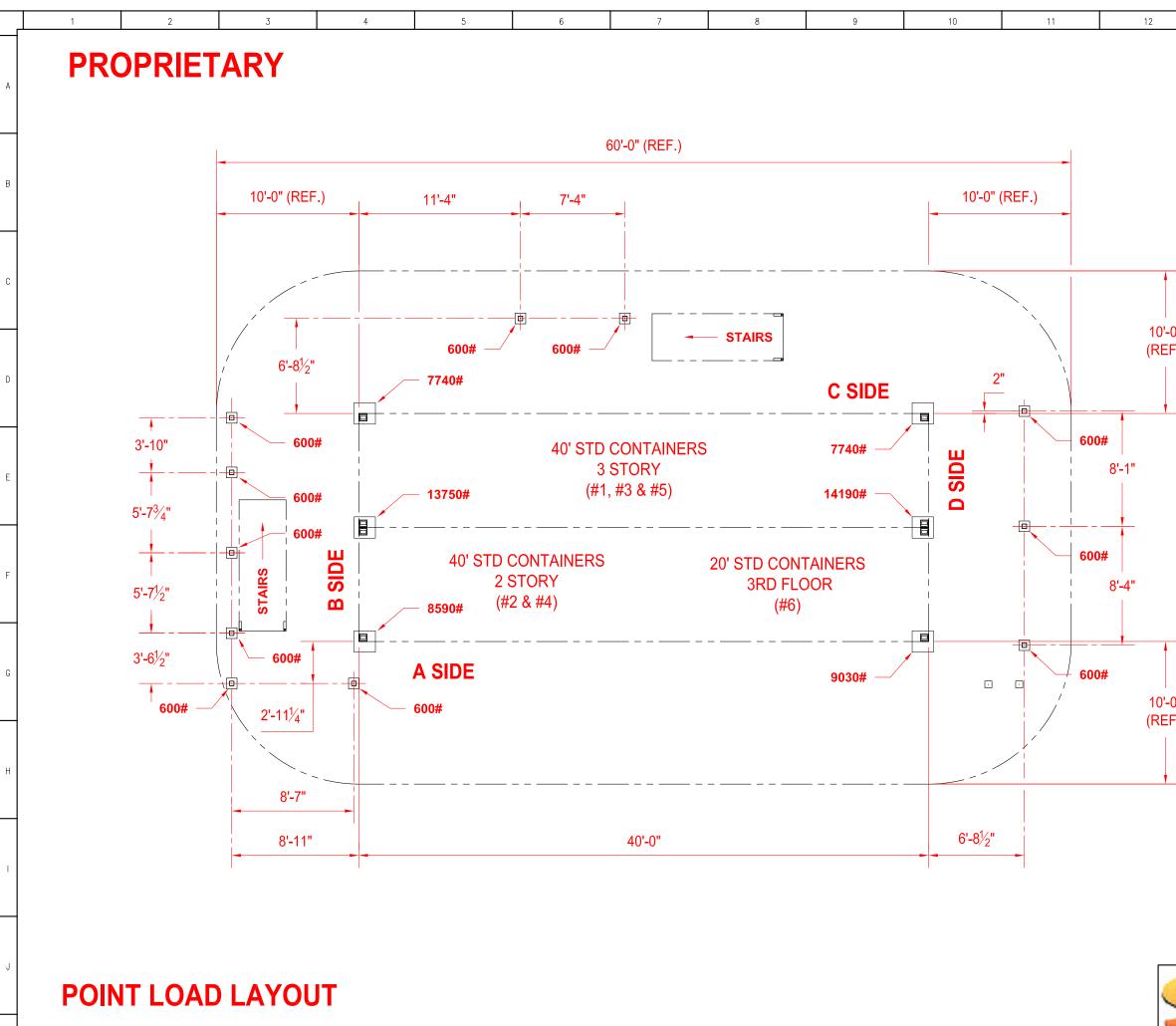
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AEGIS II®



INDUSTRIAL ORNAMENTAL STEEL FENCE

Aegis II is the obvious front-runner in *strength and durability for fence and gates.* With a dual wall ForeRunner rail and *multi-layer coating,* this fence system is unmatched in overall product performance. In addition, the superior component design of Aegis II makes it *easy to customize for any project application.*



PRIMARYAPPLICATIONS

- Stadiums & Event Centers
- Schools & Universities
- Airports
- Water Treatment & Storage
- Public Housing Authorities
- State Facilities
- Municipal Facilities
- Parks & Recreation
- Hospitals



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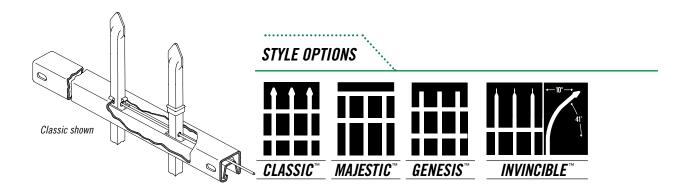






INDUSTRIAL ORNAMENTAL STEEL FENCE

1"sq x14ga PICKETS | 1.75"sq x1.75"sq x14ga ForeRunner™ RAILS | 2.5"sq x12ga & 3"sq x12ga POSTS





FABRICATION & DESIGN

Ameristar crafted the ForeRunner rail to increase strength through architecture. The innovative design of the ForeRunner rail contains an internally secured rod that allows for variable pitch connection, high angle biasability and eliminates the need for visually unappealing external fasteners. Galvanized inside and out; to protect against internal corrosion; puts the ForeRunner rail in the upper echelon of fencing options.



PERMACOAT[™] PROTECTIVE FINISH

Ameristar's production facilities use a state-of-the-art polyester powder coating system that provides a durable and scratch resistant finish. Aegis II is protected with Ameristar's PermaCoat multi-layer coating process. The combination of these layers delivers a system that increases weathering resistance and product durability. The Ameristar coating system results in finished surfaces with unmatched performance.



10 YEAR LIMITED WARRANTY

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The family of Aegis steel fencing products are manufactured from the highest quality materials by skilled craftsmen to meet the highest standards of workmanship in the industry. This is why Ameristar proudly offers a limited 10 year warranty.



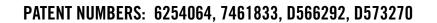
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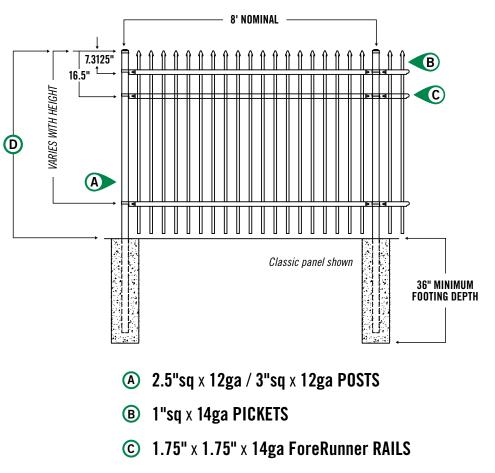
Ameristar is committed to providing products that are manufactured in the USA. We have made significant investments in technology, process improvement, and employee training in an effort to secure American jobs and combat inferior import products.



AEGIS II[®] | 2 & 3-RAIL OPTIONS | 4" AIR-SPACE

STANDARD BOTTOM OPTION AVAILABLE



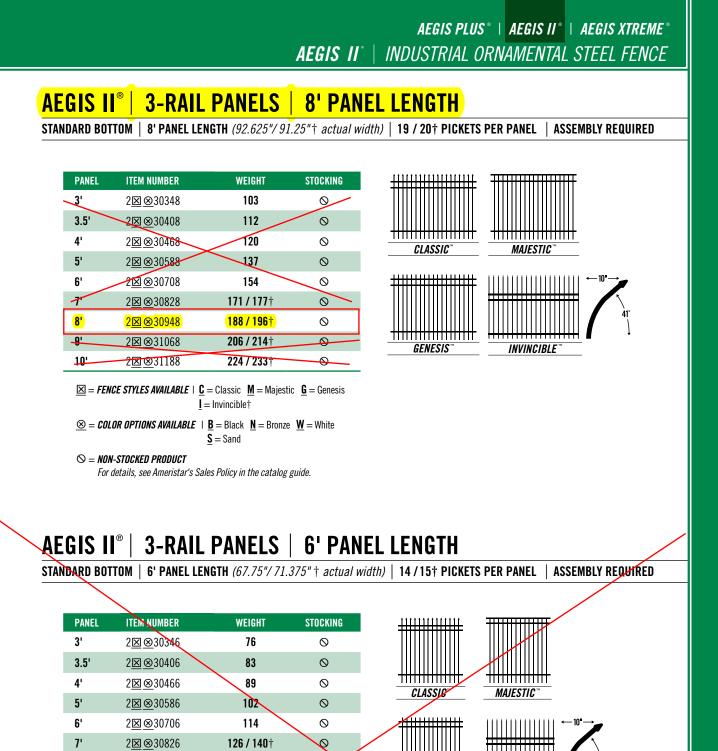


D 3', 3½', 4', 5', 6', 7', 8', 9' & 10' PANEL HEIGHTS

PANELS REQUIRE ASSEMBLY

Refer to construction specification & tables within this section for recommended post space by bracket type

Effective: 01-26-22



 $\boxed{\mathbf{X}} = FENCE STYLES AVAILABLE \mid \underline{\mathbf{C}} = Classic \quad \underline{\mathbf{M}} = Majestic \quad \underline{\mathbf{G}} = Genesis \\ \boxed{1 = Invincible^{\dagger}}$ $\boxed{\mathbf{S}} = COLOR OPTIONS AVAILABLE \mid \underline{\mathbf{B}} = Black \quad \underline{\mathbf{N}} = Bronze \quad \underline{\mathbf{W}} = White \\ \underline{\mathbf{S}} = Sand$ $\boxed{\mathbf{S}} = NON-STOCKED PRODUCT \\ For details, see Ameristar's Sales Policy in the catalog guide.$

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TO PLACE YOUR ORDER CALL 888-333-3422 VISIT AMERISTARFENCE.COM

INVINCIBLE

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10'

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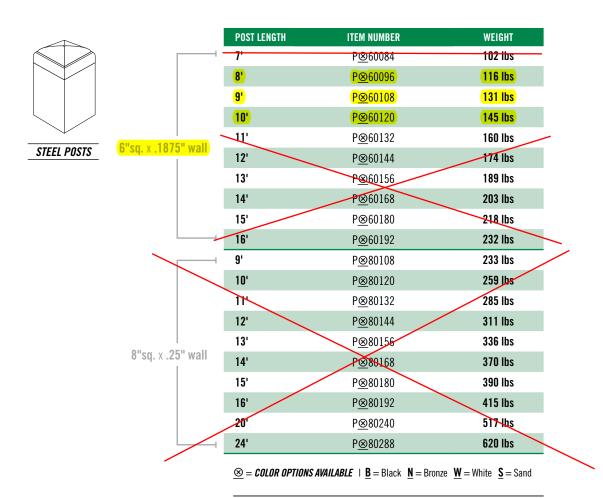
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AMERISTAR ASSA ABLOY

Effective: 0

AEGIS II[®] | STEEL SQUARE POSTS



NOTE: When installed in a location subject to freezing, where posts are grouted into coredrilled holes, a .25" diameter hole should be drilled in the post approximately .5" above elevation to allow for drainage of built-up ground water. The drilled hole must be wiped clean and dry before applying Ameristar zinc primer and color finish.

Effective: 01-26-22

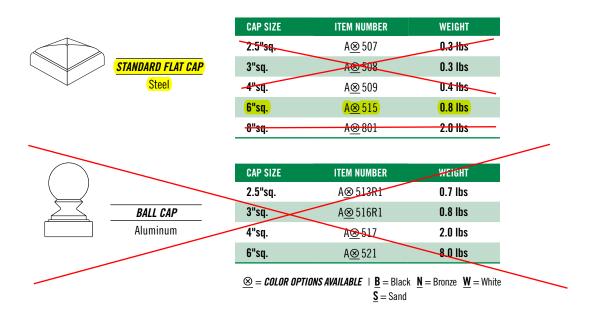
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TO PLACE YOUR ORDER CALL 888-333-3422VISIT AMERISTARFENCE.COMASSA ABLOY $\underline{\otimes} =$ COLOR OPTIONS AVAILABLE | $\underline{B} =$ Black $\underline{N} =$ Bronze $\underline{W} =$ White

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AEGIS PLUS® |AEGIS IIAEGIS XTREME®AEGIS IIINDUSTRIAL ORNAMENTAL STEEL FENCE

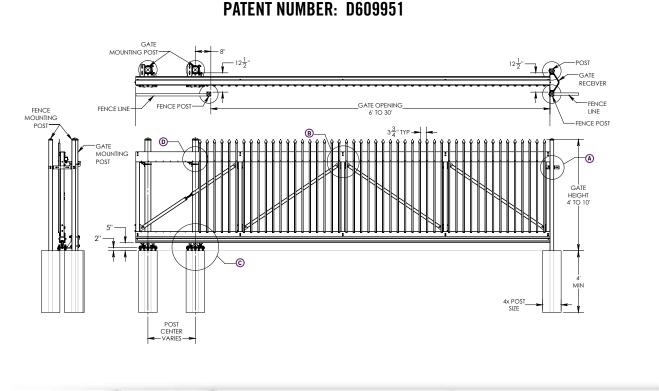
AEGIS II[®] | POST CAPS

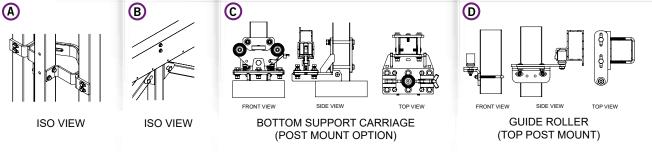


Effective: 01-26-22

TRANSPORT TRAVERSE II[®]

2-1/2"sq x 16 GA. STEEL UPRIGHTS | 2"sq x 16 GA. STEEL DIAGONAL BRACES | 1"sq PICKETS





AUTOMATED GATE WARNING

Warning! It is the responsibility of the gate installer to ensure the gate installation meets ASTM F2200, UL325, and any local standards, for gates that are to be automated. Ameristar assumes no responsibility for automated gate installations. Post close out shields, for closing voids greater than 2-1/4" between gate/fence posts and gate, and screening material covering the entire gate opening and tail section, including equal distance of the adjacent fence line when the gate is in the full open position, are NOT included with the gate. The gate installer may supply their own or see appropriate catalog section for separate kit pricing.

NOTE: Customer supplied screening material not to exceed .36 lbs per square foot.

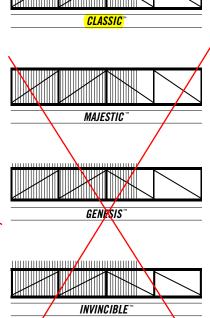
Refer to construction specification & tables within this section for more details.

Effective: 8/30/22

TRANSPORT TRAVERSE II[®] | CANTILEVER GATES

GATE HARDWARE & POST NOT INCLUDED | REVERSIBLE FOR RIGHT / LEFT OPENING | ASSEMBLY REQUIRED

\sim						
	OPENING	LENGTH	ITEM NUMBER	WEIGHT	PICKET OTY	
	8'-8'	154.5"	2TT <u>⊠⊗</u> 08408	375 lbs	22	
	8'-10'	187.8"	2TT <u>⊠⊗</u> 08410	425 lbs	27	
	10'-12'	216.3"	2TT <u>⊠⊗</u> 08412	4 61 lbs	32	
	12'-14'	244.8"	2TT <u>⊠⊗</u> 08414	520 lbs	38	
71	14'-16'	268.5"	211⊠⊗08416	575 lbs	43	
HEIGHT	16'-18'	287.5"	2TF <u>⊠</u> ⊗08418	620 lbs	48	
	18'-20'	316"	2TT <u>⊠⊗</u> 08420	759 lbs	53	
	20'-22'	344.5"	2TT <u>⊠⊗</u> 08422	814 lbs	58	
	22'-24'	358.8"	2TT <u>⊠⊗</u> 08424	723 Has	63	
	24'-26'	401.5"	2TT <u>⊠⊗</u> 08426	801 lbs	68	
	26'-28'	430"	2TT <u>⊠⊗</u> 08428	847 lbs	73	
	28'- 30'	458.5"	2TT <u>⊠⊗</u> 08430	925 lbs	78	
	6'-8'	154.5"	2TT <u>⊠⊗</u> 09608	355 lbs	22	
	8'-10'	187.8"	2TT <u>⊠⊗</u> 09610	435 lbs	27	
	10'-12'	216.3"	2TT <u>⊠⊗</u> 09612	485 lbs	32	
	12'-14'	244.8"	2TT <u>⊠⊗</u> 09614	550 lbs	38	
<mark>8'</mark>	14'-16'	268.5"	2TT <u>⊠⊗</u> 09616	625 lbs	43	
HEIGHT	16'-18'	287.5"	2TT <u>⊠⊗09818</u>	670 lbs	48	
	18'-20'	306.5"	2II <u>I⊠</u> ⊗09620	773 lbs	53	
	20'-22'	335"	2∏⊠⊗09622	851 lbs	58	
	22'-24'	358.8"	2TT <u>⊠⊗</u> 09624	772 lbs	63	
	24'-26'	406.3"	2TT <u>⊠⊗</u> 09626	841 lbs	68	
	26'-28'	430"	2TT <u>⊠⊗</u> 09628	904 lbs	73	
-	<mark>28'- 30'</mark>	458.5"	2TT <u>⊠⊗</u> 09630	952 lbs	<mark>78</mark>	



9' & 10' HEIGHTS ON NEXT PAGE

 $\underline{\boxtimes} = FENCE STYLES AVAILABLE | \underline{C} = Classic \underline{M} = Majestic \underline{G} = Genesis \underline{I} = Invincible^+$

 $\underline{\otimes} =$ *COLOR OPTIONS AVAILABLE* | $\underline{B} =$ Black $\underline{N} =$ Bronze $\underline{W} =$ White $\underline{S} =$ Sand

Effective: 8/30/22

TRANSPORT TRAVERSE II[®] | POST SIZE CHART

	HEIGHT						
OPENING	4'	5'	6'	7'	8'	9'	10'
6' 10' THRU 20'-22'	4"	4"	4"	4"	<u> </u>	6"	6"
	4"	4"	4"	4"	6"	6"	6"
26'-28' THUR 28'-30'	4"	4"	4"	6"	<mark>6"</mark>	-6"	6"

TRANSPORT TRAVERSE II $^{\circ}$ | Gate Posts & Post Caps

		POST LENGTH	ITEM NUMBER	WEIGHT
		8'	P <u>⊗</u> 40096	5 4 lbs
		9'	P <u>⊗</u> 40108	61 lbs
		10'	R <u>⊗</u> 40120	67 lbs
		11'	P <u>⊗49132</u>	74 lbs
	4"sq. x 11ga.	12'	P <u>⊗</u> 40144	81 lbs
		13'	P <u>⊗</u> 40156	87 lbs
		14'	P <u>⊗</u> 40168	94 tbs
		15'	P <u>⊗</u> 40180	101 lbs
		16'	P <u>⊗</u> 40192	108 lbs
		<mark>8'</mark>	P <u>⊗</u> 60096	116 lbs
		9'	P <u>⊗</u> 60108	131 lbs
STEEL POSTS		10'	P <u>⊗</u> 60120	145 lbs
		11'	<u>P⊗</u> 60132	160 lbs
	6"sq. x .1875 wall	12'	P <u>⊗</u> 60144	174 lbs
		13'	P <u>⊗</u> 60156	189 lbs
		14'	P <u>⊗</u> 60168	204 lbs
		15'	P <u>⊗</u> 60180	218 lbs
		16'	P <u>⊗</u> 60192	232 lbs
		$\underline{\otimes} = COLOR OPTIO$	NS AVAILABLE <u>B</u> = B <u>W</u> = ₩	lack <u>N</u> = Bronze Vhite <u>S</u> = Sand



Note: Cap is included with post.

Effective: 8/30/22



North Carolina Extension Gardener Plant Toolbox

Juniperus virginiana Common Name(s): Eastern Redcedar; Eastern Red Cedar

Phonetic Spelling

jew-NIP-er-us ver-jin-ee-AY-nah

A This plant has low severity poison characteristics.

See below

Description

Eastern red cedar is an evergreen tree in the Cypress (Cupressaceae) family. This conifer is native to North America and grows from Maine south to Florida and west to South Dakota and Texas. It is a juniper and not, despite its common names, a cedar.

This juniper is easily grown in average, dry to moist, well-drained soils in full sun. In good conditions it will grow to 30 to 40 feet in height and reach a width of 10 to 20 feet. It will tolerate a variety of soils and growing conditions, from swamps to dry, rocky ground. It can even grow on seemingly barren soils that few other plants can tolerate, although it may never grow bigger than a bush in those conditions. It prefers moist conditions but is intolerant of continuously wet soil. It only tolerates shade when it is extremely young. It has the best drought resistance of any conifer native to the eastern United States. This tree is easy to transplant and a tough, dependable tree—but considered weedy by many gardeners. It is highly salt tolerant. This colorful tree needs airy space to grow. Plant 12 to 24 feet apart.

Eastern red cedar has blue-green, scale-like leaves. The bark is red-brown in color and peels off in long, narrow, fibrous strips, often leaving ashy gray areas exposed. Small, light blue-green clusters of flowers mature in late winter or early spring. The tree produces a small, round blue fruit that matures in the fall on female trees.

The heartwood is light brown and aromatic, contrasted by the white sapwood, and is commonly used for cedar chests. The wood is also often used to make fence posts and rails, as it is naturally rot-resistant. It also repels insects, lending to its appeal for use in clothing storage and pet bedding.

Eastern red cedar makes an excellent specimen and does well in a grouping or as a screen or windbreak. It provides cover, habitat and food for wildlife. This tree is also resistant to damage by deer. It is sometimes grown for Christmas trees, especially in warmer areas of North Carolina.

Fire Risk: This plant has a high flammability rating and should not be planted within the defensible space of your home. Select plants with a <u>low flammability</u> rating for the sites nearest your home.

Quick ID Hints:

- Plant has grayish to reddish-brown bark that exfoliates in long strips
- Scale leaves are in a four-rank arrangement
- Small, oval, glandular depressions are on the backs of leaves
- Male cones are yellow and occur at branch tips
- Female cones are blue, frosted looking, and 1/4 inch in size
- Leaf color is sage green to blue-green in the summer
- Leaf color is bronze to yellow-brown in winter
- Juvenile, awl-shaped leaves are often present in pairs

Insects, Diseases, and Other Plant Problems: This tree is susceptible to twig blight and scale. Bagworms are also a problem. Mites may occur. It shares with apple trees susceptibility to a rust fungus called <u>Gymnosporangium juniperi - virginianae</u>. This fungus causes "cedar apples" on red cedar twigs and dark leaf spots on apple leaves.

VIDEO Created by Homegrown featuring Jeff Owen, Area Extension Forestry Specialist for NC State Extension

Woodland Backyard Garden Walk Mountain Ridge Top Garden - West Lawn and Border Native/ Woodland Garden

Cultivars / Varieties:

'Canaertii', 'Glauca Compacta', 'Globosa', 'Grey Owl', 'Manhattan Blue', 'Silver Spreader', 'Taylor', var. silicicola





Juniperus virginiana Nicholas A. Tonelli <u>CC BY 2.0</u>

Juniperus virginiana plantsforpermaculture <u>CC BY 2.0</u>



Juniperus virginiana CameliaTWU <u>CC BY-NC-ND 2.0</u>



Juniperus virginiana Forest and Kim Starr <u>CC BY 2.0</u>





Ilex glabra Common Name(s): <u>Appalachian Tea</u>; <u>Gallberry</u>; <u>Inkberry</u>

Previously known as: Winterlia glabra

Phonetic Spelling

EYE-leks GLAY-bruh

This plant has <u>low severity</u> poison characteristics. <u>See below</u>

Description

Ilex glabra, commonly called inkberry or gallberry, is a slow-growing, upright-rounded, stoloniferous, broadleaf evergreen shrub in the holly family. It typically matures to 5 to 10 feet tall, and can spread by root suckers to form colonies. It is native to the coastal plain from Nova Scotia to Florida to Louisiana where it is most commonly found in sandy woods and peripheries of swamps and bogs. This plant is moderately salt-tolerant and adaptable to both light and heavy soils.

Inkberry is an upright, erect, rounded, much-branched shrub that becomes open with age Prune to shape in early spring just before new growth begins. Plants generally need minimal pruning unless used as a hedge (perhaps it is best grown as an informal hedge). Remove root suckers regularly if spread is not desired.

The honey produced from the plant is a highly-rated honey that results from bees feeding on inkberry flowers. This honey is locally produced in certain parts of the Southeastern U.S. in areas where beekeepers release bees from late April to early June to coincide with inkberry flowering time. White-tailed deer may browse the leaves and twigs, although this plant is somewhat resistant to damage by deer and is rabbit resistant. The species is dioecious (meaning individual flowers are either male or female, but only one sex is to be found on any one plant, thus both male and female plants must be grown if seed is required). It is pollinated by bees and is not self-fertile.

Habitat: Savannas, pine flatwoods, pocosin margins, swamps, primarily in wetlands, but extending upslope even into sandhills, with a clay lens or spodic horizon below to maintain additional moisture

Fire Risk: This plant has a high flammability rating and should not be planted within the defensible space of your home. Select plants with a <u>low flammability</u> rating for the sites nearest your home.

Insects, Diseases, or Other Plant Problems:

Leaf spot is an occasional problem. Spider mites may appear, especially in dry conditions. Susceptible to chlorosis (yellowing of leaves) in high pH (alkaline) soils. Prone to Phytophthora root rot– look for resistant alternative species if this disease is in your area.

Entryway Garden, Cabarrus County Extension Office

Cultivars / Varieties:

Gem Box[®], 'Nigra', 'Shamrock', Strongbox[®]







Leaves Phillip Merritt <u>CC BY-NC-SA 2.0</u>



Flowers Mary Keim <u>CC BY-NC-SA 2.0</u>





Leaf and branch structure Debbie Roos Form Jim Robbins <u>CC BY-NC-ND 4.0</u>





Itea virginica Common Name(s): Itea; Virginia Sweetspire; Virginia Sweet Spire; Virginia Willow

Phonetic Spelling

eye-TEE-ah ver-JIN-ih-kah

Description

Virginia Sweetspire is a native deciduous to a semi-evergreen shrub that is found in the southeast USA on streambanks and wet pine barrens. It is found in most areas of NC. It can grow up to 8 feet tall and has graceful arching branches. In early summer, small, fragrant, white flowers occur in terminal arching racemes. Fall color is red to purple and lasts well into winter.

Virginia Sweetspire prefers moist, rich, slightly acidic humusy soils in partial sun to partial shade, but tolerates a wide range of soil conditions and pHs. Best flowering occurs with 4 hours of sun per day. It can form dense colonies by root suckering and can be used for erosion control in wet areas or on wet banks. This plant blooms on previous season's wood, so pruning should be done after flowering. Use en masse for spectacular spring flowers.

The species is rarely sold and the cultivar 'Henry's Garnet' is what is easiest to find for sale. The genus name, *Itea*, comes from the Greek word meaning "willow", which is in reference to the similarity of the leaves or flower clusters to those of some willow plants.

Fire Risk: This plant has a low flammability rating.

Insects, Diseases, and Other Plant Problems: Avoid over-fertilization. Resistant to Phytophthora root rot.

Quick ID Hints:

- 2-6 inch long raceme of small, white flowers; is very showy.
- Has pubescent petiole with a groove on the upper side.
- Green to reddish-purple stem (on sun side) with crescent-shaped leaf scars.
- Short branches have a superposed bud, are imbricate, and reddish-green.
- Leaves are ¹¹/₂"-4" long, with a finely serrated margin.

VIDEO created by <u>Andy Pulte</u> for "Landscape Plant Identification, Taxonomy and Morphology" a plant identification course offered by the <u>Department of Plant Sciences, University of Tennessee</u>.

Pinehurst Greenway Pollinator Habitat Garden, Moore County Native/ Woodland Garden

Cultivars / Varieties:

'Henry's Garnet', 'Little Henry', 'Sarah Eve', 'Saturnalia', 'Shirleys Compact'



Form Joy Weese Moll <u>CC BY-NC 2.0</u>



Itea virginica "Little Henry" Elsa Pexio <u>CC-BY-SA 2.0</u>







Flower Eleanor <u>CC BY-NC 2.0</u> Flowers close up Eleanor <u>CC BY-NC 2.0</u>





Magnolia grandiflora Common Name(s): <u>Bull Bay</u>; <u>Large Tree Magnolia</u>; <u>Southern Magnolia</u>

Previously known as: Magnolia angustifolia; Magnolia elliptica; Magnolia foetida

Phonetic Spelling

mag-NO-lee-ah gran-dih-FLOR-ah

Description

Southern magnolia, is a large, broadleaf evergreen tree that is noted for its attractive glossy dark green leaves and its large, extremely fragrant flowers. It is native to the bottomlands and moist wooded areas in the central and southeastern coastal plains from North Carolina to Florida and Texas. It is the only evergreen in the Magnoliaceae (magnolia) family and typically grows to 60 to 80 feet tall with a pyramidal to rounded crown, a spread of 20 to 40 feet wide, and a trunk diameter of 3 feet. Magnolias are one of the oldest known tree species in the world (based on data from USNA).

This is a magnificent tree for planting as a specimen in the South in large yards, parks, or commercial sites. Be sure to provide plenty of space to grow. Lower branches tend to reach the ground and can be pruned out to appear more tree-like. Nothing will grow underneath the tree, and it requires a mulch to prevent erosion problems.

Giant fragrant white flowers are borne in the summer months and are extremely ornamental. The woody brown fruits with bright red seeds are used in dried arrangments.

It prefers rich soil with partial shade and, in nature, is usually an understory tree. However, when grown as an ornamental, it maintains heavily leaved limbs almost to the ground. Tolerates high moisture levels, but is intolerant to overly wet or swampy soils and prolonged flooding.

Fire Risk: This plant has a medium flammability rating.

Insects, Diseases, or Other Plant Problems: Scale is an occasional pest problem. Leaf drop in both fall and spring. Leaves can be chopped with a rotary mower and blown back under the branches to recycle nutrients. A frequent escapee from cultivation. In many suburban yards, the mature size of this tree is way too large, consider a smaller cultivar.

Quick ID Hints:

- Stiff, leathery, laurel-like leaves
- Giant white flowers appear in the summer
- Leaves are rusty-brown and tomentose below

Hydrangeas in the Garden | Mountain Ridge Top Garden - North Woods

Cultivars / Varieties:

'Alta', 'Blanchard', 'Brackens Brown Beauty', 'Claudia Wannamaker', 'Edith Bogue', 'Greenback', 'Kay Parris', 'Little Gem', 'Miss Chloe', 'Teddy

Bear'



Flower Arthur Chapman <u>CC BY-NC-SA 2.0</u>



'Alta' Form Jim Robbins <u>CC BY-NC-ND 4.0</u>



'Brackens Brown Beauty' Leaf Jim Robbins <u>CC BY-NC-ND 4.0</u>



'Alta' Leaf Jim Robbins <u>CC BY-NC-ND 4.0</u>