

STALWART II

ANTI-RAM BARRIER WITH ORNAMENTAL PICKET ACCENT



BEAUTY AND THE BEAST

The Stalwart II system combines an ornamental fence that compliments its surroundings yet has the fortitude to protect from any vehicular threat. This balance between beauty and brawn is just one of the many perimeter solutions available from Ameristar Fence Products.

STRENGTH

Stalwart II merges the strongest ornamental picket fence available with the most widely used anti-ram perimeter barrier. A variety of anti-ram design options are available so that each barrier can match its specific stand-off distance.

ELEGANCE

Stalwart II barriers are balanced with the elegance of ornamental iron fencing. Each ornamental fence can be fitted with an array of design adornments to enhance the appearance of the site.

SECURITY

The unique design of the Stalwart II framework enables the fence system to become a platform for multiple security components.



We take great pride in manufacturing “Made in the USA” products. Ameristar is located in Tulsa, Oklahoma and is American owned and operated.

Applications:

- Data Centers
- Government Facilities
- Stadiums & Event Centers
- Schools & Universities
- Hospitals
- Water Treatment & Storage
- Power Plants & Substations
- Petroleum & Chemical Facilities

Covered by or for use with one or more of the following U.S. patents: 6.874.767, 7.188.826, 7.651.073, 7.441.751, 7.461.833, 7.475.868, D566292, D572374, D573270



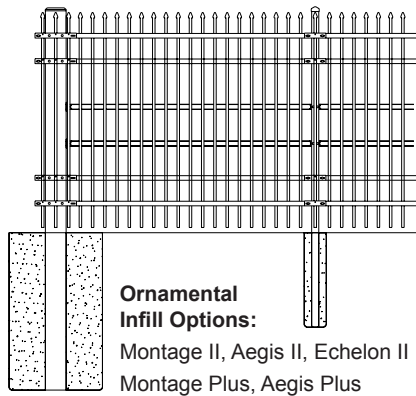
Effective: 04/26/13

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STRUCTURE

The architecture of Stalwart II brings together traditional ornamental fencing and vehicle barrier into a single line of fence. The integration of these two systems decreases public awareness of the barrier thus drawing attention away from what it protects.



Rails - 2" x 2" x 11ga. & Anti-Ram Cabling
I-beams - 3" x 2-3/4" x 12 ga. or 4" x 2-3/4" x 11 ga.

RATINGS

Stalwart II anti-ram rating designations

- M50 (K12)
- M40 (K8)
- M30 (K4)
- PU60
- PU50

COATING & WARRANTY

Stalwart II is coated using Ameristar's PermaCoat process; this dual-coat finish yields the best results for durability and weathering in the fence industry. Ameristar has over 25 years of experience in coatings, granting Stalwart II systems a 15 year warranty.



Stalwart II is produced using up to 96% post-industrial recycled steel.

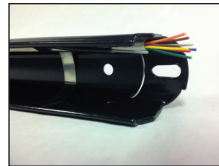
DESIGNATIONS

Stalwart II has multiple anti-ram ratings engineered and tested to ASTM F2656 standards. Ameristar offers several rating options so that each site can be designed for the appropriate stand-off distance from the asset.

INTEGRATION

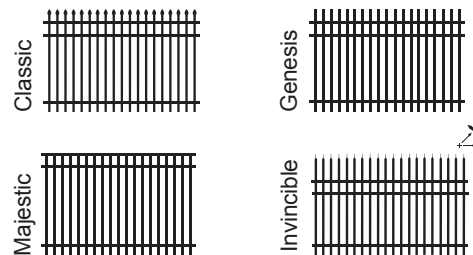
Stalwart II framework is a raceway for wiring, conduits, and/or security cabling required around the perimeter of a project.

Stalwart II framework is a platform for security components:



*Communication & Video cables
IDS / Fiber Optic Cables
Access Control Wiring
Conduits
Anti-ram Cabling*

STYLES



AMERISTAR FENCE PRODUCTS
1555 N. MINGO RD.
TULSA, OK 74116



AMERISTAR®
FENCE PRODUCTS

PH. 888-333-3422
MKTG@AMERISTARFENCE.COM

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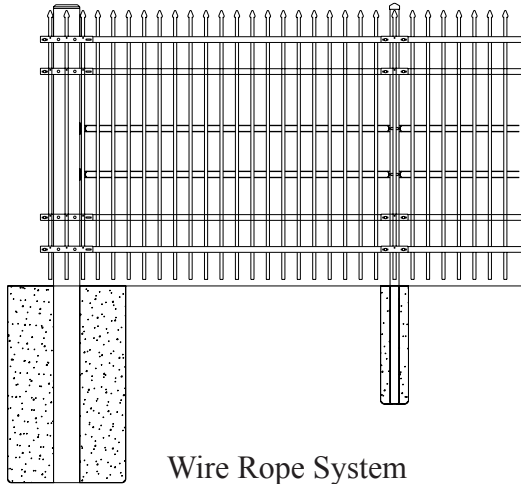
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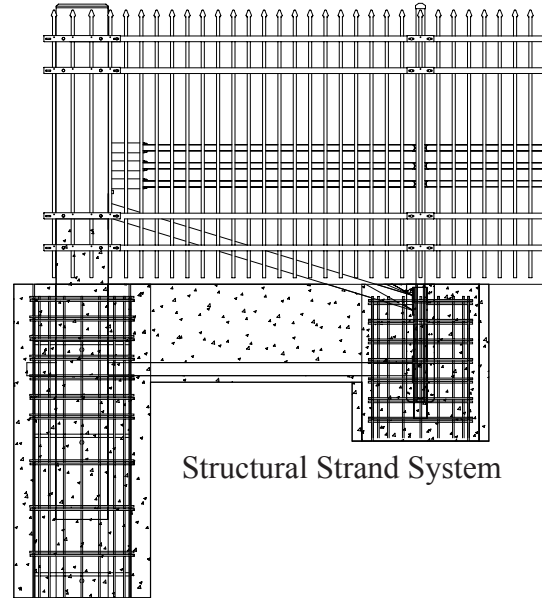
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ORNAMENTAL FENCE W/ INTEGRATED CABLE BARRIER

CLASSIC



Wire Rope System



Structural Strand System

STALWART II CLASSIC

SYSTEM DRAWING NUMBER

MONTAGE II	AEGIS II	ECHELON II	MONTAGE PLUS	AEGIS PLUS	ANTI-RAM DESIGNATION	DYNAMIC PENETRATION
SMC2-M501-SS	SAC2-M501-SS	SEC2-M501-SS	SMC1-M501-SS	SAC1-M501-SS	M50 / P1 Tested ASTM F2656	3.1 Ft.
SMC2-M402-SS	SAC2-M402-SS	SEC2-M402-SS	SMC1-M402-SS	SAC1-M402-SS	M40 / P2 Tested ASTM F2656	4.5 Ft.
SMC2-M301-SS	SAC2-M301-SS	SEC2-M301-SS	SMC1-M301-SS	SAC1-M301-SS	M30 / P1 Tested ASTM F2656	.04 Ft.
SMC2-M302-WR	SAC2-M302-WR	SEC2-M302-WR	SMC1-M302-WR	SAC1-M302-WR	M30 / P2 Engineered (Equivalent to K4)	N/A
SMC2-P602-WR	SAC2-P602-WR	SEC2-P602-WR	SMC1-P602-WR	SAC1-P602-WR	PU60 / P2 Engineered	N/A
SMC2-P502-WR	SAC2-P502-WR	SEC2-P502-WR	SMC1-P502-WR	SAC1-P502-WR	PU50 / P2 Engineered	N/A
SMC2-K8DOD-WR	SAC2-K8DOD-WR	SEC2-K8DOD-WR	SMC1-K8DOD-WR	SAC1-K8DOD-WR	K8	0 Ft.*
SMC2-K12DOD-WR	SAC2-K12DOD-WR	SEC2-K12DOD-WR	SMC1-K12DOD-WR	SAC1-K12DOD-WR	K12	6.6 Ft.

Note: *Dynamic penetration was not a measurable factor considered during the time of the test. Dynamic penetration is a calculation based on test results.

M50 = 15,000lbs Vehicle @ 50 MPH | M40 = 15,000lbs Vehicle @ 40 MPH | M30 = 15,000lbs Vehicle @ 30 MPH | PU60 = 5,070lbs Vehicle @ 60 MPH
 PU50 = 5,070lbs Vehicle @ 50 MPH | K12 = 15,000lbs Vehicle @ 50 MPH | K8 = 15,000lbs Vehicle @ 40 MPH | K4 = 15,000lbs Vehicle @ 30 MPH
 P1 = < 3.3', P2 = 3.31' to 23.0', P3 = 23.1' to 98.4', DOD = Items tested prior to ASTM standard being in affect / recognized by DOD-USACE

System Nomenclature

Product Family: S = Stalwart | Product Line: MC2 = Montage II, AC2 = Aegis II, EC2 = Echelon II, MC1 = Montage Plus, AC1 = Aegis Plus

Anti-Ram Classification: M50, M40, M30, P60, P50, K12, K8 | Anti-Ram Penetration: 1 = P1, 2 = P2, 3 = P3, DOD = See Above | Type of Cable: SS = Structural Strand, WR = Wire Rope

Effective: 04/26/13

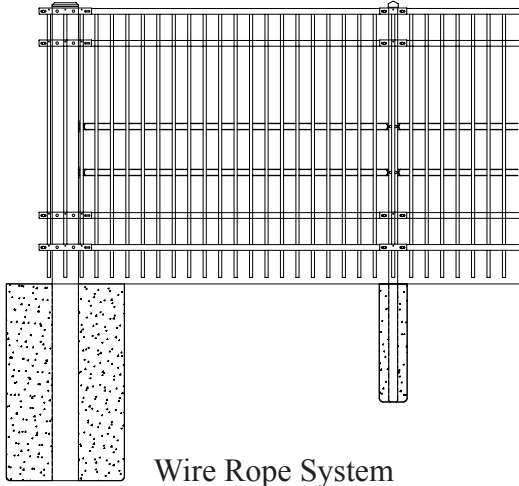
STALWART II®



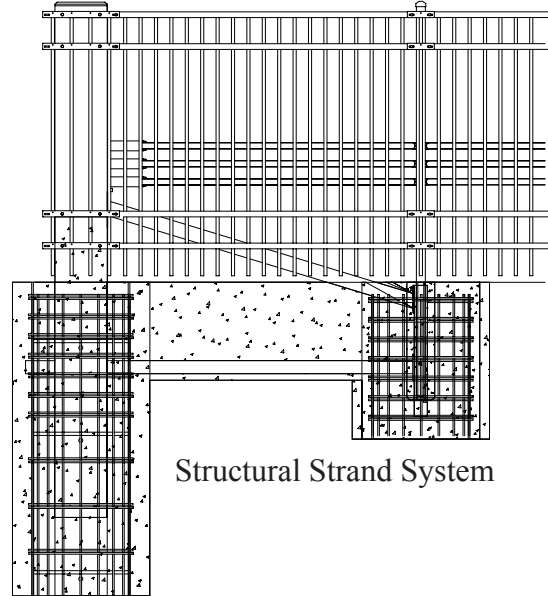
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ORNAMENTAL FENCE W/ INTEGRATED CABLE BARRIER

MAJESTIC



Wire Rope System



Structural Strand System

STALWART II MAJESTIC

SYSTEM DRAWING NUMBER					ANTI-RAM DESIGNATION	DYNAMIC PENETRATION
MONTAGE II	AEGIS II	ECHOLON II	MONTAGE PLUS	AEGIS PLUS		
SMM2-M501-SS	SAM2-M501-SS	SEM2-M501-SS	SMM1-M501-SS	SAM1-M501-SS	M50 / P1 Tested ASTM F2656	3.1 Ft.
SMM2-M402-SS	SAM2-M402-SS	SEM2-M402-SS	SMM1-M402-SS	SAM1-M402-SS	M40 / P2 Tested ASTM F2656	4.5 Ft.
SMM2-M301-SS	SAM2-M301-SS	SEM2-M301-SS	SMM1-M301-SS	SAM1-M301-SS	M30 / P1 Tested ASTM F2656	.04 Ft.
SMM2-M302-WR	SAM2-M302-WR	SEM2-M302-WR	SMM1-M302-WR	SAM1-M302-WR	M30 / P2 Engineered (Equivalent to K4)	N/A
SMM2-P602-WR	SAM2-P602-WR	SEM2-P602-WR	SMM1-P602-WR	SAM1-P602-WR	PU60 / P2 Engineered	N/A
SMM2-P502-WR	SAM2-P502-WR	SEM2-P502-WR	SMM1-P502-WR	SAM1-P502-WR	PU50 / P2 Engineered	N/A
SMM2-K8DOD-WR	SAM2-K8DOD-WR	SEM2-K8DOD-WR	SMM1-K8DOD-WR	SAM1-K8DOD-WR	K8	0 Ft.*
SMM2-K12DOD-WR	SAM2-K12DOD-WR	SEM2-K12DOD-WR	SMM1-K12DOD-WR	SAM1-K12DOD-WR	K12	6.6 Ft.

Note: *Dynamic penetration was not a measurable factor considered during the time of the test. Dynamic penetration is a calculation based on test results.

M50 = 15,000lbs Vehicle @ 50 MPH | M40 = 15,000lbs Vehicle @ 40 MPH | M30 = 15,000lbs Vehicle @ 30 MPH | PU60 = 5,070lbs Vehicle @ 60 MPH
 PU50 = 5,070lbs Vehicle @ 50 MPH | K12 = 15,000lbs Vehicle @ 50 MPH | K8 = 15,000lbs Vehicle @ 40 MPH | K4 = 15,000lbs Vehicle @ 30 MPH
 P1 = < 3.3', P2 = 3.31' to 23.0', P3 = 23.1' to 98.4', DOD = Items tested prior to ASTM standard being in affect / recognized by DOD-USACE

System Nomenclature

Product Family: S = Stalwart | Product Line: MM2 = Montage II, AM2 = Aegis II, EM2 = Echelon II, MM1 = Montage Plus, AM1 = Aegis Plus

Anti-Ram Classification: M50, M40, M30, P60, P50, K12, K8 | Anti-Ram Penetration: 1 = P1, 2 = P2, 3 = P3, DOD = See Above | Type of Cable: SS = Structural Strand, WR = Wire Rope

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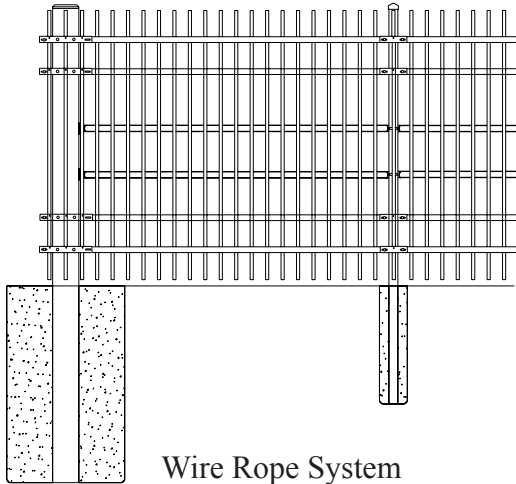
STALWART II®



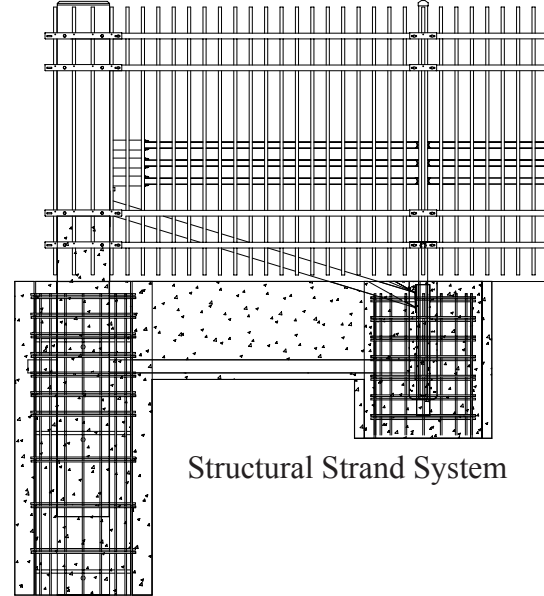
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FAX: 1-877-926-3747

ORNAMENTAL FENCE W/ INTEGRATED CABLE BARRIER

GENESIS



Wire Rope System



Structural Strand System

STALWART II GENESIS						
SYSTEM DRAWING NUMBER					ANTI-RAM DESIGNATION	DYNAMIC PENETRATION
MONTAGE II	AEGIS II	ECHELON II	MONTAGE PLUS	AEGIS PLUS		
SMG2-M501-SS	SAG2-M501-SS	SEG2-M501-SS	SMG1-M501-SS	SAG1-M501-SS	M50 / P1 Tested ASTM F2656	3.1 Ft.
SMG2-M402-SS	SAG2-M402-SS	SEG2-M402-SS	SMG1-M402-SS	SAG1-M402-SS	M40 / P2 Tested ASTM F2656	4.5 Ft.
SMG2-M301-SS	SAG2-M301-SS	SEG2-M301-SS	SMG1-M301-SS	SAG1-M301-SS	M30 / P1 Tested ASTM F2656	.04 Ft.
SMG2-M302-WR	SAG2-M302-WR	SEG2-M302-WR	SMG1-M302-WR	SAG1-M302-WR	M30 / P2 Engineered (Equivalent to K4)	N/A
SMG2-P602-WR	SAG2-P602-WR	SEG2-P602-WR	SMG1-P602-WR	SAG1-P602-WR	PU60 / P2 Engineered	N/A
SMG2-P502-WR	SAG2-P502-WR	SEG2-P502-WR	SMG1-P502-WR	SAG1-P502-WR	PU50 / P2 Engineered	N/A
SMG2-K8DOD-WR	SAG2-K8DOD-WR	SEG2-K8DOD-WR	SMG1-K8DOD-WR	SAG1-K8DOD-WR	K8	0 Ft.*
SMG2-K12DOD-WR	SAG2-K12DOD-WR	SEG2-K12DOD-WR	SMG1-K12DOD-WR	SAG1-K12DOD-WR	K12	6.6 Ft.
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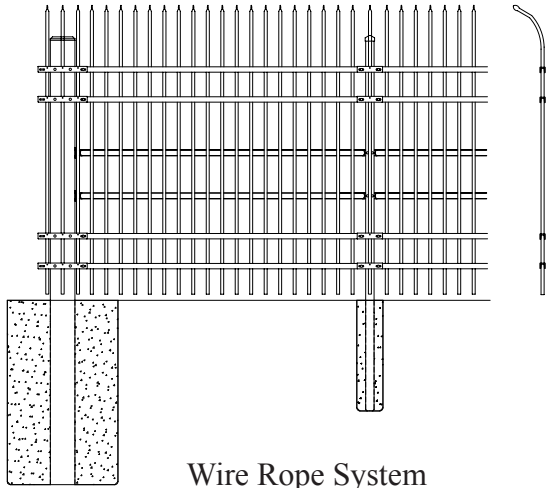
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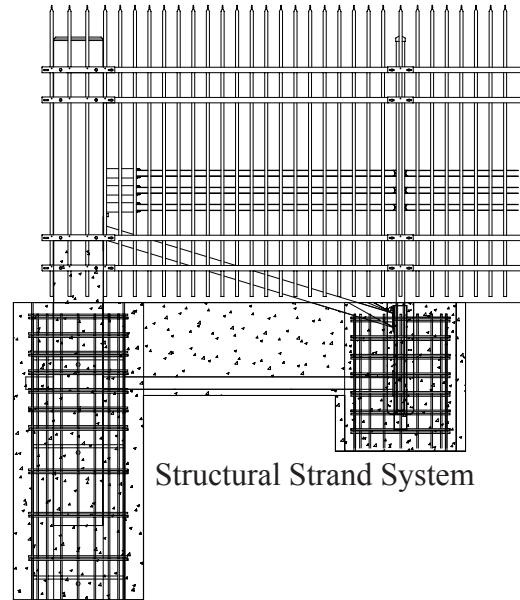
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FAX: 1-877-926-3747

ORNAMENTAL FENCE W/ INTEGRATED CABLE BARRIER

INVINCIBLE



Wire Rope System



Structural Strand System

STALWART II INVINCIBLE

SYSTEM DRAWING NUMBER

MONTAGE II	AEGIS II	ECHELON II	MONTAGE COM.	AEGIS PLUS	ANTI-RAM DESIGNATION	DYNAMIC PENETRATION
SMI2-M501-SS	SAI2-M501-SS	SEI2-M501-SS	SMI1-M501-SS	SAI1-M501-SS	M50 / P1 Tested ASTM F2656	3.1 Ft.
SMI2-M402-SS	SAI2-M402-SS	SEI2-M402-SS	SMI1-M402-SS	SAI1-M402-SS	M40 / P2 Tested ASTM F2656	4.5 Ft.
SMI2-M301-SS	SAI2-M301-SS	SEI2-M301-SS	SMI1-M301-SS	SAI1-M301-SS	M30 / P1 Tested ASTM F2656	.04 Ft.
SMI2-M302-WR	SAI2-M302-WR	SEI2-M302-WR	SMI1-M302-WR	SAI1-M302-WR	M30 / P2 Engineered (Equivalent to K4)	N/A
SMI2-P602-WR	SAI2-P602-WR	SEI2-P602-WR	SMI1-P602-WR	SAI1-P602-WR	PU60 / P2 Engineered	N/A
SMI2-P502-WR	SAI2-P502-WR	SEI2-P502-WR	SMI1-P502-WR	SAI1-P502-WR	PU50 / P2 Engineered	N/A
SMI2-K8DOD-WR	SAI2-K8DOD-WR	SEI2-K8DOD-WR	SMI1-K8DOD-WR	SAI1-K8DOD-WR	K8	0 Ft.*
SMI2-K12DOD-WR	SAI2-K12DOD-WR	SEI2-K12DOD-WR	SMI1-K12DOD-WR	SAI1-K12DOD-WR	K12	6.6 Ft.

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