



Planning Department

Director of Planning, Zoning Officer
Code Enforcement Officer &
Stormwater Officer
Code Enforcement Officer

Administrative

Ray Burger
David Sprout

Shelley Knickerbocker

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Dryden, NY 13053

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General Permit Application – Sheet 1 General Information

DO NOT FILL IN SHADED SECTIONS

02/20/2024 66.-1-18 & 66.-1-22 Conservation
Date: Tax Parcel #: Zoning District:
(Complete) Project
Address: Borger Compressor Station: 219 Ellis Hollow Creek Road, Ithaca, NY 14845

Project Description: Replace the existing chain link fence with a more robust high security fence. Two fence lines will be installed with anti-climb/cut resistant fence material.

Estimated project cost: \$4,900,000

Principal Use: Residential _____ Commercial: X Other: _____

Permit(s) Required: X Building ___ Zoning X Special Use X Site Plan Review ___ Subdivision ___ Pool
 ___ Heating ___ Demolition ___ Pre-built Shed

To be completed by Planning Department personnel:

Worksheets / sections required:

- | | |
|---|---|
| <input type="checkbox"/> Site Plan Sketch Fee: \$250 | <input type="checkbox"/> Driveway or Roadcut Compliance |
| <input type="checkbox"/> Site Plan Review (See Fee Schedule) | <input type="checkbox"/> Notices and Disclaimer Acknowledgement |
| <input type="checkbox"/> Special Use Permit (See Fee Schedule) | <input type="checkbox"/> Agricultural Data Statement |
| <input type="checkbox"/> Notice of Ground Disturbance | <input type="checkbox"/> County Review |
| <input type="checkbox"/> Zoning Permit Fee: \$25 | <input type="checkbox"/> Minor Subdivision Fee: \$25 |
| <input type="checkbox"/> Varna Compliance Worksheet | <input type="checkbox"/> Major Subdivision (See Fee Schedule) |
| <input type="checkbox"/> Residential Design Guidelines Compliance | <input type="checkbox"/> Demolition |
| <input type="checkbox"/> Commercial Design Guidelines Compliance | <input type="checkbox"/> Lot line Adjustment |
| <input type="checkbox"/> Sign Compliance Worksheet | |

Notes:

Permit Application - Contact Information

Owner - Print name & complete mailing address: Eastern Gas Transmission & Storage, Inc.

Owner Signature required & dated: _____

Address: 925 White Oaks Blvd. City: Bridgeport State: WV Zip Code: 26330

E-mail: corey.devericks@bhegts.com Telephone No: 681.842.3466

Emergency Contact: Corey Devericks Telephone No.: 681.842.3466

Agent / Applicant - Print: OWNER IS APPLICANT

Address: _____ City: _____ State: _____ Zip Code: _____

E-mail: _____ Telephone No: _____

General Contractor: RDR Utility Service Group License # _____

Address: 1272 E Pike Street City: Clarksburg State: WV Zip Code: 26301

E-mail: dmauldin@rdrusg.com Telephone No: 1.815.878.3857

Mason Contractor: _____ License # _____

Address: _____ City: _____ State: _____ Zip Code: _____

E-mail: _____ Telephone No: _____

Electrical Contractor: _____ License # _____

Address: _____ City: _____ State: _____ Zip Code: _____

E-mail: _____ Telephone No: _____

HVAC Contractor: _____ License # _____

Address: _____ City: _____ State: _____ Zip Code: _____

E-mail: _____ Telephone No: _____

Plumbing Contractor: _____ License # _____

Address: _____ City: _____ State: _____ Zip Code: _____

E-mail: _____ Telephone No: _____

Surveyor: _____ License # _____

Address: _____ City: _____ State: _____ Zip Code: _____

E-mail: _____ Telephone No: _____

Note: The Town of Dryden will keep your contact information private.

**CUT: **

Application from _____ for _____

Project Site _____ received on _____

Payment received \$ _____ Cash _____ Check # _____ Credit Card (circle one)

Signature of receiver _____ Date _____

BHE EGT&S Project Narrative

In 2022 the industry experienced a concerning pattern of attacks and threats to electric substations through physical damage and destruction. These attacks, along with robust media coverage, highlighted the vulnerability of the power grid against physical threats. Media attention and proliferation of extremist content on the internet exacerbates the threat, emboldens the attackers, and inspires copycats.

Although attacks to date have centered on electric grid assets, it's unrealistic to believe individuals with bad intent will not target gas infrastructure to create energy disruption. BHE deemed it necessary to take action to protect all critical assets and its customer base. BHE GT&S will work to complete enhanced security measures at numerous facilities across its 10 states. The proposed Borger Station Palisade Fence Project includes the following scope:

- Implement high-security perimeter fencing, to include cut/climb resistant access points and cut-resistant hinges and locks. The proposed fencing will be nine (9) feet tall and will be an AMICO Series 4740 Palisade Fence with Chameleon 7700 Series Mesh Backer.
- Implement dual-layer fence lines that constitute two (2) perimeters with a gap between. The dual fence will allow for compliance with the 10-minute breach time requirement set forth by the BHE Pipeline Group. The new dual fencing will follow the existing fence line where feasible.
- Install crash-resistant vehicle gates and access-points that meet the ASTM F2656 standard for an M-class vehicle and a P2 penetration rating.
- In and around the vehicular gates and along fencing where highways exist, the fencing will have cabling installed that comply with ASTM F2656 and have a minimum vehicular crash rating of M40 P2. The cabling will require concrete deadman anchors where the cables will be attached to, along with pre-tensioning of the cables and tension. In addition to the cabling, auxiliary barriers such as berms, bollards, jersey barriers and/or guard rails may be installed accordingly.

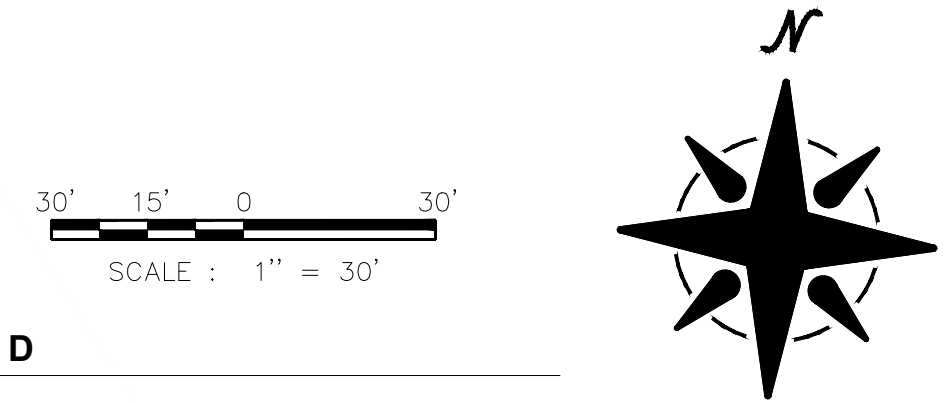
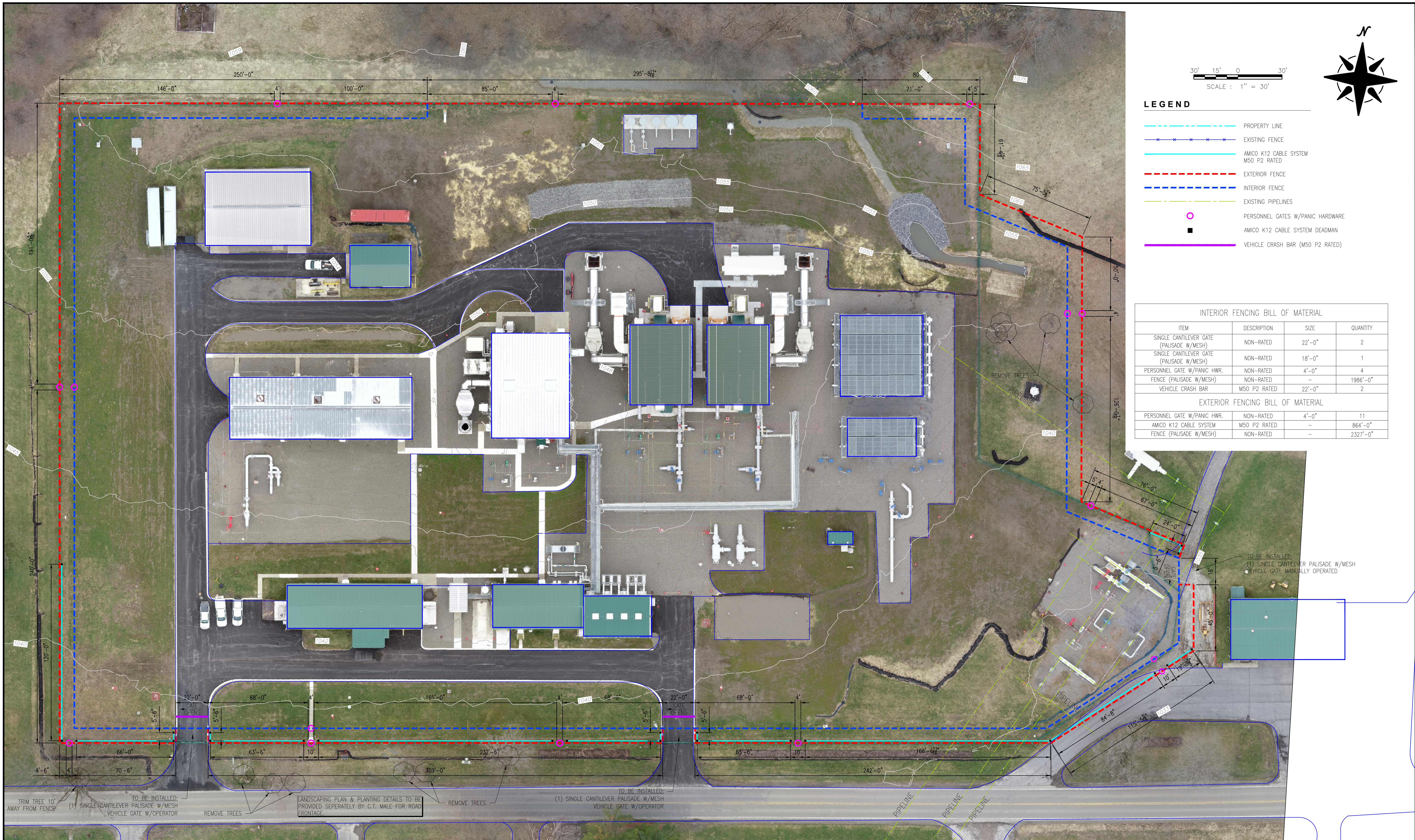
Permitting

This project was last before the Dryden Town Board in September 2020, when BHE EGT&S was issued site plan approval and a special use permit to make equipment upgrades at the facility. It has been established that the facility is public utility infrastructure that existed prior to any zoning in the Town of Dryden. The Applicant requests a determination from the Planning & Zoning Department as to whether an amendment to the site plan and special use permit is warranted for the proposed fencing upgrade.

The facility currently has a 7-foot tall chain link fence with barbed wire around its perimeter. The proposed exterior fence will follow the existing fence line, and then the interior fence will be built approximately 10 feet behind the exterior fence into the site so that the existing setbacks between boundary lines and the exterior fencing will be

maintained. The area between the fences will contain a geoweb material filled with stone. The proposed project will provide security and safety upgrades to critical public utility infrastructure with no other modifications to the site layout or operations, no expansion of the site footprint within the perimeter fence, and no additional or different external environmental impacts to the Town that would be considered significant or warrant further study.

Ground disturbance associated with this project will occur under the existing SPDES GP-0-20-001 coverage that was associated with the Borger Replacement Project. The revised SWPPP was accepted by the Town Stormwater Official on 8/7/2023.



LEGEND

- PROPERTY LINE
- EXISTING FENCE
- AMICO K12 CABLE SYSTEM M50 P2 RATED
- EXTERIOR FENCE
- INTERIOR FENCE
- EXISTING PIPELINES
- PERSONNEL GATES W/PANIC HARDWARE
- AMICO K12 CABLE SYSTEM DEADMAN
- VEHICLE CRASH BAR (M50 P2 RATED)

INTERIOR FENCING BILL OF MATERIAL			
ITEM	DESCRIPTION	SIZE	QUANTITY
SINGLE CANTILEVER GATE (PALISADE W/MESH)	NON-RATED	22'-0"	2
SINGLE CANTILEVER GATE (PALISADE W/MESH)	NON-RATED	18'-0"	1
PERSONNEL GATE W/PANIC HWR.	NON-RATED	4'-0"	4
FENCE (PALISADE W/MESH)	NON-RATED	-	1986'-0"
VEHICLE CRASH BAR	M50 P2 RATED	22'-0"	2

EXTERIOR FENCING BILL OF MATERIAL			
ITEM	DESCRIPTION	SIZE	QUANTITY
PERSONNEL GATE W/PANIC HWR.	NON-RATED	4'-0"	11
AMICO K12 CABLE SYSTEM	M50 P2 RATED	-	864'-0"
FENCE (PALISADE W/MESH)	NON-RATED	-	2327'-0"

<p>GENERAL NOTES AND COMMENTS:</p> <p>TRIM TREE 10' AWAY FROM FENCE</p> <p>TO BE INSTALLED: (1) SINGLE CANTILEVER PALISADE W/MESH VEHICLE GATE W/OPERATOR</p> <p>REMOVE TREES</p> <p>LANDSCAPING PLAN & PLANTING DETAILS TO BE PROVIDED SEPARATELY BY C.T. MALE FOR ROAD FRONTAGE</p> <p>REMOVE TREES</p> <p>TO BE INSTALLED: (1) SINGLE CANTILEVER PALISADE W/MESH VEHICLE GATE W/OPERATOR</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SYM.</th> <th>DATE</th> <th>BY</th> <th>REVISION INFORMATION</th> <th>PROJECT/TASK</th> <th>APP.</th> </tr> </thead> <tbody> <tr> <td>△</td> <td>03/21/2024</td> <td>CMD</td> <td>ADDED NOTE PERTAINING TO LANDSCAPING DETAILS FOR ROAD FRONTAGE</td> <td>94740.3.6291</td> <td>CMD</td> </tr> <tr> <td>△</td> <td>02/14/2024</td> <td>JRB</td> <td>ADDED NOTES TO REMOVE TREES, REROUTE FENCE</td> <td>94740.3.6291</td> <td>CMD</td> </tr> <tr> <td>△</td> <td>12/06/2023</td> <td>JRB</td> <td>UPDATED FENCE TYPE AND BOM</td> <td>94740.3.6291</td> <td>CMD</td> </tr> <tr> <td>△</td> <td>08/10/2023</td> <td>JRB</td> <td>UPDATED FENCE TYPE</td> <td>94740.3.6291</td> <td>CMD</td> </tr> <tr> <td>△</td> <td>05/30/2023</td> <td>JRB</td> <td>ADDED TREE REMOVAL</td> <td>94740.3.6291</td> <td>CMD</td> </tr> <tr> <td>△</td> <td>05/22/2023</td> <td>JRB</td> <td>ADDED CONTOUR LINES</td> <td>94740.3.6291</td> <td>CMD</td> </tr> <tr> <td>△</td> <td>05/19/2023</td> <td>JRB</td> <td>UPDATED FENCE TYPE & ADDED CRASH BARS</td> <td>94740.3.6291</td> <td>CMD</td> </tr> </tbody> </table>	SYM.	DATE	BY	REVISION INFORMATION	PROJECT/TASK	APP.	△	03/21/2024	CMD	ADDED NOTE PERTAINING TO LANDSCAPING DETAILS FOR ROAD FRONTAGE	94740.3.6291	CMD	△	02/14/2024	JRB	ADDED NOTES TO REMOVE TREES, REROUTE FENCE	94740.3.6291	CMD	△	12/06/2023	JRB	UPDATED FENCE TYPE AND BOM	94740.3.6291	CMD	△	08/10/2023	JRB	UPDATED FENCE TYPE	94740.3.6291	CMD	△	05/30/2023	JRB	ADDED TREE REMOVAL	94740.3.6291	CMD	△	05/22/2023	JRB	ADDED CONTOUR LINES	94740.3.6291	CMD	△	05/19/2023	JRB	UPDATED FENCE TYPE & ADDED CRASH BARS	94740.3.6291	CMD	<p>SEAL</p>	<p>ORIGINAL CONSTRUCTION INFORMATION</p> <p>PROJECT/TASK: 94740.3.6291</p> <p>DRAWN: JRB 01/27/2023</p> <p>CHECKED:</p> <p>APP. FOR BID:</p> <p>APP. FOR CONST.:</p> <p>SCALE: 1" = 30'</p>	<p>EASTERN GAS TRANSMISSION AND STORAGE</p> <p>Eastern Gas Transmission and Storage, Inc. 925 White Oaks Blvd., Bridgeport, WV 26330 (681) 842-3000</p> <p>BORGER COMPRESSOR STATION CRITICAL FACILITY PERIMETER FENCE SITE PLAN</p> <p>TOWN: COUNTY: GROUP: DWG. NO. REV. ST Z7464N 1</p>
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Notice of Ground Disturbance / Area Tally Form

Please complete this form and submit to the Town of Dryden **Stormwater Management Officer, David Sprout** “**Land Development Activity**” resulting in Ground Disturbance is defined as all areas where soil will be disturbed as a result of clearing, grubbing, grading, excavating, stockpiling, placement of fill, paving, installation of utilities, and construction of buildings or structures. This form will enable Town of Dryden staff to assist applicants in meeting local stormwater standards, and it is helpful to submit this form prior to finalizing your SWPPP.

Owner's Name: Eastern Gas Transmission & Storage, Inc. Date: 2/20/24

Phone # 681.842.3466 Mailing Address: 925 White Oaks Blvd., Bridgeport, WV 26330

Project Site Address: 219 Ellis Hollow Creek Road, Ithaca, NY 14845 Tax Parcel # 66.-1-18 & 66.-1-22

Project Sponsor Name (If Different than Owner): _____ Phone: _____

Address: _____

Brief Description of the Project:

(Attach additional sheets of paper as necessary and include a project sketch)

Project and Site Characteristics (Check yes or no as appropriate)

1. Will the project involve multiple phases? YES NO If YES, how many phases? _____
2. What is the shortest distance from the project area of disturbance to the edge of any stream, pond, lake, or wetland in the vicinity of the project? 5 feet.
3. Does the site show any field or map indicators of potential wetland presence? YES NO
Check all that are applicable:
 Mapped NWI Wetlands Mapped DEC Wetlands Mapped Hydric Soils
 Field indicators of Hydric Soils Vegetation indicative of wetlands Wetland Delineation
4. Please describe the slope on site (e.g. steep or flat areas, stream banks, gullies, bluffs etc.).
Gently sloped south, flat-graded development areas
5. Will the project include a linear excavation that is more than 500 feet long and 3 feet wide? YES NO
6. Will the project involve excavation or fill resulting in the movement of more than 250 cubic yards of soil, sand, or similar material? YES NO
7. Does the project require any state or federal environmental permits? YES NO
Permit(s): SPDES

8. Do connected Impervious Areas exceed 1/2 acre. YES NO No new impervious area is proposed.
(If YES a Full SWPPP is required)

Town of Dryden Notice of Ground Disturbance / Area Tally Form

9. Area Tally

9A) Fill in the approximate area to be disturbed by the following, in square feet, as applicable. If it has been determined that a Full SWPPP is necessary from the Notice of Ground Disturbance, then please present this information when the final draft is complete.

Driveway 0
Parking Area 0
House / Main Building 0
Other Buildings 0
Septic System 0
Other Grading / Clearing / Lawn 572,814 s.f permitted
Wells and Ditches 0
Drainage Structures 0
Utility Laying 0
Additional Area 0 (for construction access, stockpiling, etc.)

The proposed fencing replacement project will only disturb a portion of this total disturbance from the Borger Replacement Plan.

Total (do not total overlapping areas): 572,814 s.f.

9B) For subdivisions only:

Total from Above: _____ x _____ (# of lots) + _____ (road area) = _____

9C) As estimated above, the total Area of Disturbance is: 572,814 s.f.

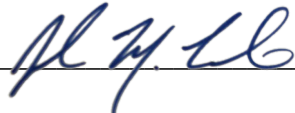
10. Is more than half of the project site area over soils in Hydrologic Soil Group A, B, or C according to the Tompkins County Soil Survey? YES NO

11. Is the project redevelopment, as defined by Chapter 9 of the DEC's design manual? YES NO

12. Total Parcel Acreage: 85.38 ac. combined

13. Area of existing impervious surface prior to development: No Change

14. Total Impervious Area expected after project completion: No Change

Signature:  Date: 2/22/2024

AMIGUARD® 4000 SERIES PALISADE FENCE



AMIGUARD® 4740 Palisade Fence



AMICO®
PERIMETER SECURITY

AMIGUARD® 4000 PALISADE FENCE



AMIGUARD® 4500 Flat Pales

The AMICO Security AMIGUARD® 4000 Series Palisade Fence System addresses the drawbacks of chain link fencing. It enhances safety and significantly improves the aesthetics resulting in an architecturally pleasing fence.

AMICO Security Palisade fence system includes 4500 Series Flat Pales, the 4600 Series Tri-Point Pales and the 4700 Bent Tri-Point Pales for enhanced deterrence. The AMIGUARD® 4000 Series Palisade Fence System is available in 6-, 7-, 8- or 10-foot heights.

AMICO Security offers three highly corrosion resistant finishing options:

- Hot-Dip Galvanizing
- AMICOAT™ Powder coating over E-Coating or primer
- AMICOAT™ Duplex Coating, Powder coating over Hot-Dip Galvanizing

These finishes help protect and add color to our base materials creating stunning visual effects.

All Palisade fences can be installed using the AMIGUARD® Framework or the Chameleon® Bypass Rail Framework system with round or square posts. Both innovative frameworks reduce the labor costs significantly compared to traditional systems.





AMIGUARD® 4500 Series Flat Pales

The AMIGUARD® 4500 Series Flat Pales use the same W-steel profile as the Tri-Point styles and offer the same structural strength with a less intimidating look. The AMIGUARD® 4500 style has the traditional spacing with a nominal gap of 3.25".

AMIGUARD® 4600 Series Tri-Point Pales

The AMIGUARD® 4600 Series Tri-Point Pales with their sharp points deter intruders from climbing over the fence. The AMIGUARD® 4600 style has the traditional spacing with a nominal gap of 3.25".

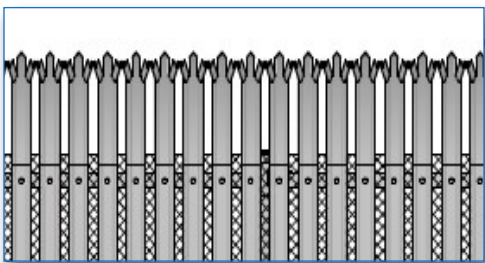


AMIGUARD® 4700 Series Bent Tri-Point Pales

The AMIGUARD® 4700 Series Bent Tri-Point Pales is the most popular style with the most intimidating look. The AMIGUARD® 4700 style has the traditional spacing with a nominal gap of 3.25".

AMIGUARD® 4540, 4640 & 4740 with Anti-Scale Spacing

AMIGUARD® 4540, 4640 & 4740 styles have a smaller spacing between pales to deter climbing.



AMIGUARD® 4580, 4680 & 4780 with Expanded Metal

The AMIGUARD® 4000 Series Palisade Fence System with the Anti-Scale option is available with Expanded Metal mesh installed between the pales and the Infini-Rails adding an extra layer of security to the fence system which is difficult to breach.

Options of AMIGUARD® 4000 Series Palisade Fence System

	Standard Spacing	Anti-Scale Spacing	Anti-Scale with Expanded Metal
Flat Pale	4500	4540	4580
Tri-Point Pale	4600	4640	4680
Bent Tri-Point Pale	4700	4740	4780



AMIGUARD® FENCE FRAMEWORK



AMIGUARD® 4500 Flat Pales on AMIGUARD® Framework

The AMIGUARD® Through Post Fence Framework is a patented “unitized” fencing framework which incorporates innovative components. Tied together this creates a total curtain wall perimeter barrier.

AMIGUARD’s unique approach incorporates innovative solutions to solve common high security concerns including aesthetics, a seamless design, and ease of installation.

The AMICO Framework allows you to incorporate various types of infill panels, making it the most versatile high security option on the market.

AMIGUARD® is available in both galvanized and powder coated AMICOAT™ finishes, with up to a 10-year limited warranty. AMICO Security also offers a complete line of walk gate, double drive and slide gates.

UNITIZED CONSTRUCTION

AMICO’s unitized construction method ties the entire Perimeter Framework together. Amiguard Posts® anchor the complete system to the ground. The full length of the fence is tied together using Infini-Rails®. This ensures that any load or impact to the fence is distributed throughout the entire system, greatly enhancing the strength of AMIGUARD®. Each panel is tied together and through bolted to the framework with Diamond Fasteners® and Finish Plates®. This creates a curtain wall to further enhance the strength of the system.



WIND LOAD and BREACH TESTING

The patented AMIGUARD® Framework is one of the most thoroughly engineered and tested Perimeter Systems on the market today. This innovative perimeter barrier was developed to maximize strength, wind load, and breach time per ASTM standards. AMICO conducted Finite Element Analysis to verify AMIGUARD’S capacity. The results were then tested and verified at Georgia Tech’s aerospace wind tunnel.



AMIGUARD POSTS®

AMIGUARD's prefabricated posts are specifically designed to anchor the entire system to the ground. Unlike other fences, Amiguard Posts® are plasma cut to allow the Infini-Rail® to pass directly through the post eliminating the need for fittings and hardware which are typical weak points within the system. This feature also significantly reduces installation time and cost by eliminating fittings, clamps and the need to cut the rails during installation.

SECURA - SLEEVE®

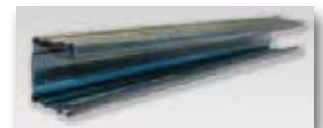
The AMICO Secura-Sleeve® is a two part insert that slides through the Amiguard Posts® to provide a smooth surface to pass the Infini-Rail® through.

Secura-Sleeve® prevents water intrusion which would result in corrosion and freeze expansion that would compromise the performance and longevity of the system.



INFINI-RAIL®

Infini-Rail® is AMICO's continuous rail design which eliminates cutting rails between posts, typical in traditional fences. Infini-Rail® is an engineered shape that is stronger and lighter than traditional rails. Infini-Rail® ties the entire system together the full length of the fence. Additionally, it can discretely accommodate impact and fiber optic cables throughout the fence.



Infini-Rail® with fastener-less installation - With the introduction of our fastenerless friction-fit splice system, we made the installation even easier. Compared to traditional rail fencing systems, our newly updated Infini-Rail® system allows time saving of up to 50%.

MESH and PANELS

The AMIGUARD® Framework was designed to accommodate various types of infill. This allows customers to customize the system to defend against a wide array of threats. As the world's largest producer of meshes for security, AMICO offers a wide array of medium to high security designs. These meshes and infills can be produced to meet many project specifications including: anti-climb, anti-cut, ballistic, visual screening and a broad spectrum of architectural appearances.



CHAMELEON® BYPASS FRAMEWORK



AMIGUARD® 4700 Pales on Chameleon² Bypass Framework

The Chameleon® System is available with round posts or square posts, named Chameleon, or Chameleon² respectively. Chameleon® uses a bypass rail system which is very flexible in terms of post spacing and offers a great variety of fence infills. Infills range from expanded metal panels to welded wire panels and palisade fencing.

- Allows you to utilize existing fence posts already set in place
- Saves time (up to 40% over other solutions) and materials
- Allows you to utilize existing grounding systems
- Can increase the security level of an existing chain link fence
- Unlimited security mesh options
- Available with round or square posts
- Choice of finishes



AMIGUARD AMICLAMP®

The patented Chameleon® System, U.S. Design Patent No. D996,198, allows you to upgrade an existing chain link fence to the AMIGUARD® Perimeter System. The patented AMICLAMP® design allows easy attachment to an existing post to accommodate the AMIGUARD Infini-Rail®. The Chameleon system works with various round post sizes including 2-3/8", 2-7/8", 4", and 6-5/8". The Chameleon² system includes square posts ranging from 3"x3", 4"x4", 6"x6" to 8"x8".



Finishes

AMICO Security offers three highly corrosion resistant finishing options:

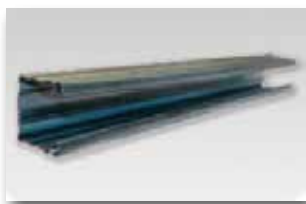
- Hot-Dip Galvanizing
- AMICOAT™ Powder coating over E-Coating or primer
- AMICOAT™ Duplex Coating, Powder coating over Hot-Dip Galvanizing

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Infini-Rail® with fastener-less installation - With the introduction of our fastenerless friction-fit splice system, we made the installation even easier. Compared to traditional rail fencing systems, our newly updated Infini-Rail® system allows time saving of up to 50%.



Infill Styles

The Chameleon® Retrofit system works with any Infill Style offered under the AMIGUARD® product lines. Chameleon® is compatible with the AMIGUARD® 4000 Palisade fence, the AMIGUARD® 5000 series wire meshes, it works with our 6000 and 7000 series expanded metal meshes, and it works with our APEX series, the Architectural Expanded Metal product line (shown).

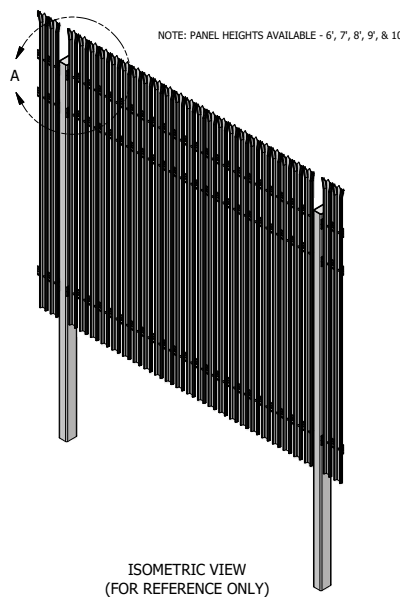
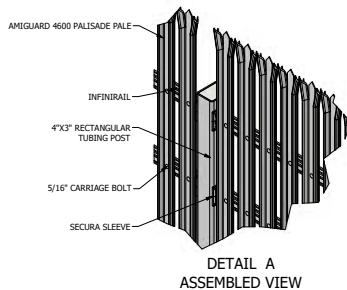
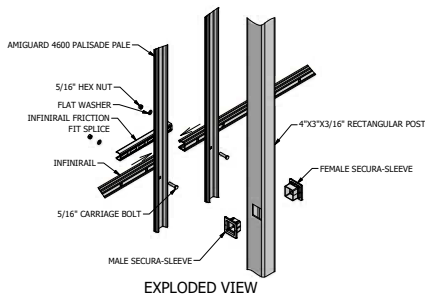
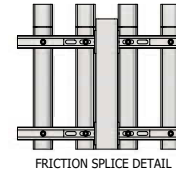
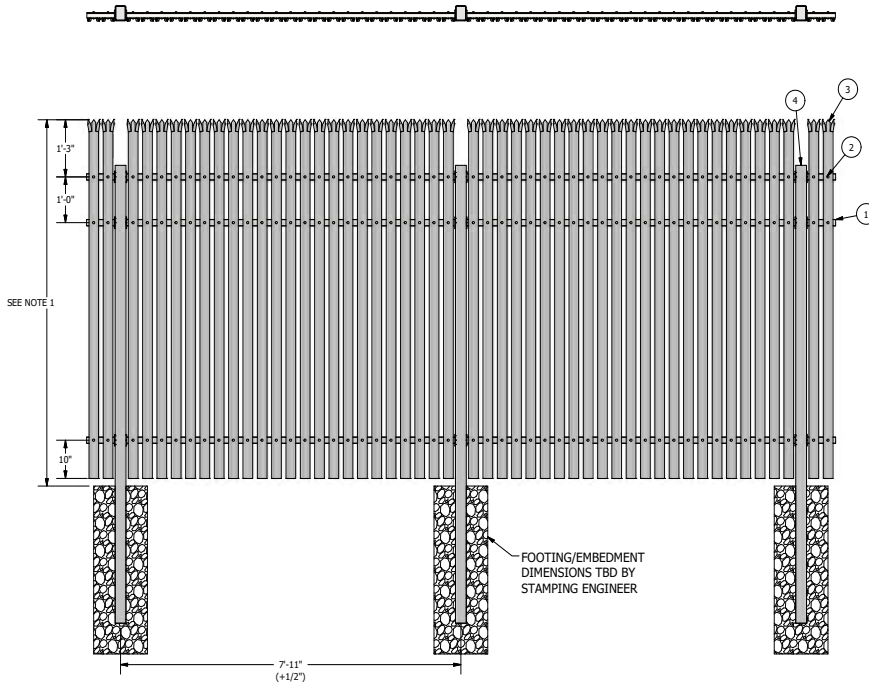
AMIGUARD® 4000 PALISADE FENCE

Details

AMIGUARD® Perimeter System

1. INFINIRAIL (4" O.C. HOLE SPACING)
2. 5/16" CARRIAGE BOLT
3. AMIGUARD 4600 PALISADE PALE
4. 4"X3"X3/16" RECTANGULAR TUBING POST

NOTES:
1. PANEL HEIGHTS AVAILABLE - 6', 7', 8', 9', & 10'



AMIGUARD®
FENCING INFILLS

AMIGUARD® 4640 Tri-Point Pales with Anti-Scale Spacing

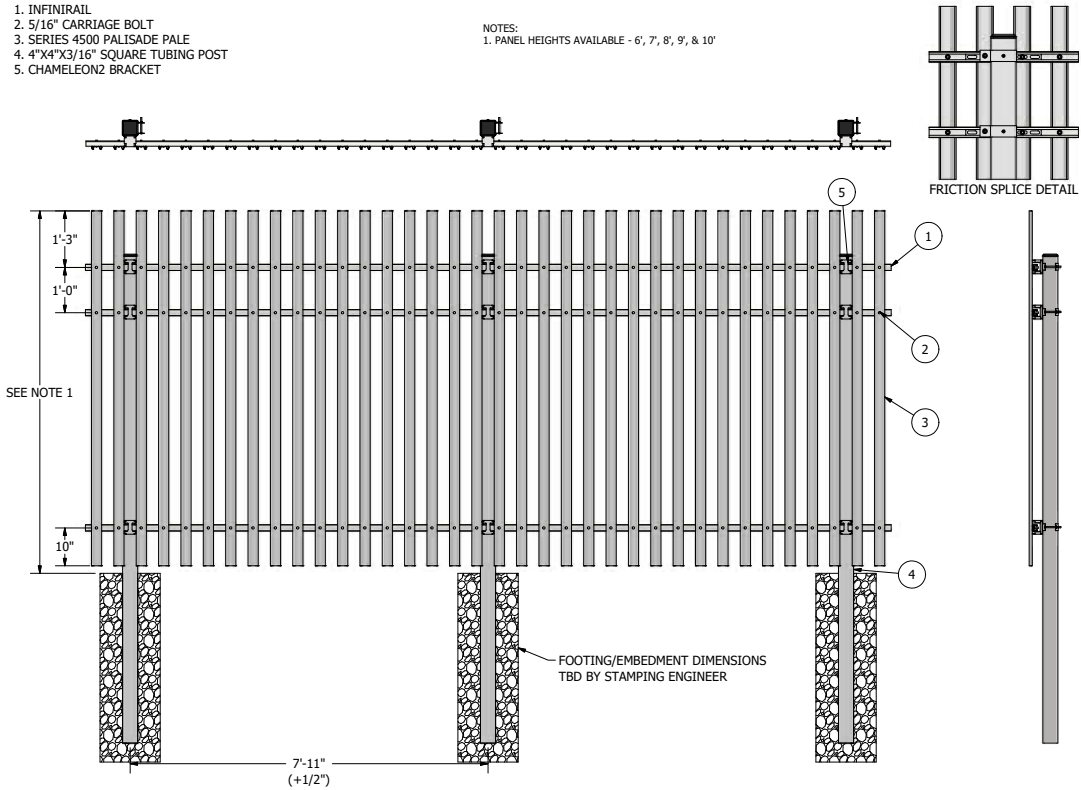
Our Engineering Department is here to assist you with all aspects of the design process for your project. Simple drawings to Engineered Stamped drawings are just a few things they can help with. They are always ready to collaborate with your Engineering Team to ensure your AMICO Security System is installed correctly.

Details

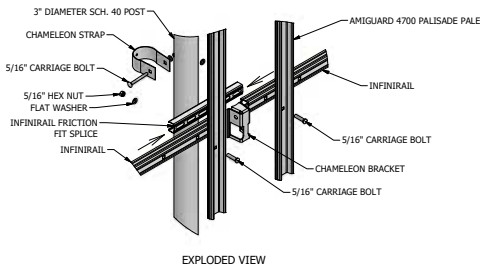
Chameleon® Bypass Framework

1. INFIRAIL
2. 5/16" CARRIAGE BOLT
3. SERIES 4500 PALISADE PALE
4. 4"X4"X3/16" SQUARE TUBING POST
5. CHAMELEON2 BRACKET

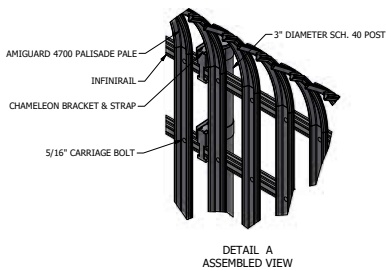
NOTES:
1. PANEL HEIGHTS AVAILABLE - 6', 7', 8', 9', & 10'



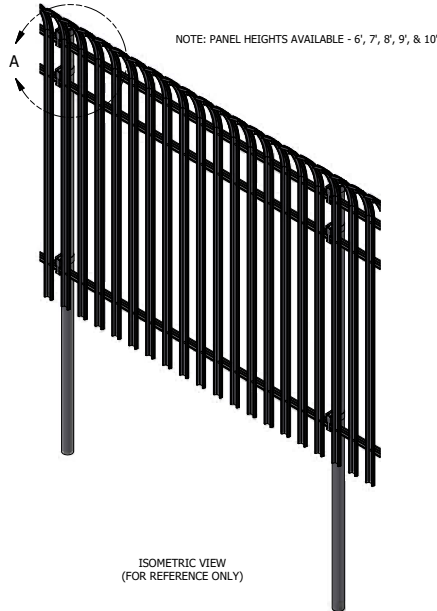
AMIGUARD® 4500 Flat Pales with Standard Spacing on Chameleon² Framework (square)



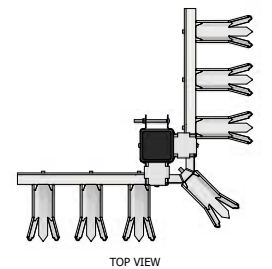
EXPLODED VIEW



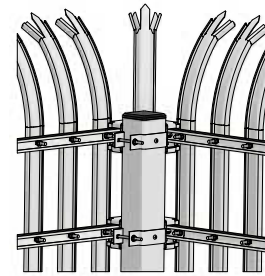
DETAIL A
ASSEMBLED VIEW



ISOMETRIC VIEW
(FOR REFERENCE ONLY)



TOP VIEW

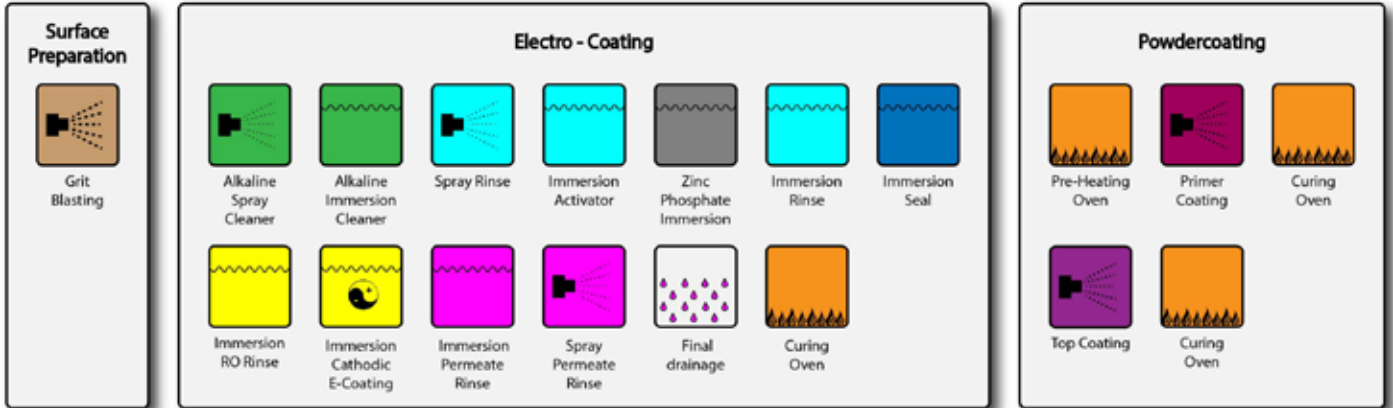


SECURE SIDE VIEW

AMIGUARD® 4700 Bent Tri-Point Pales with Standard spacing on Chameleon® Framework (round)

AMIGUARD® 4700 Pales on Chameleon² Framework (square)

Powder Coating over E-Coating



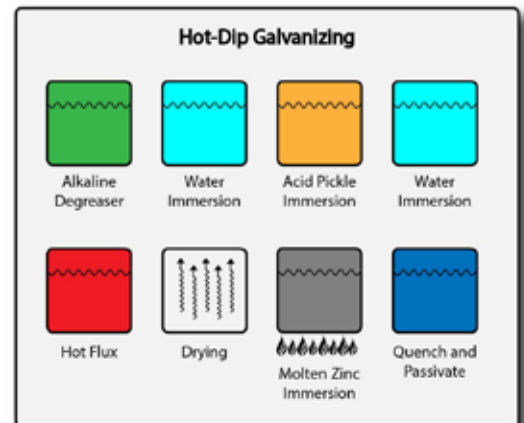
AMICO Security offers three highly corrosion resistant finishing options:

- Hot-Dip Galvanizing
- AMICOAT™ Powder coating over E-Coating or primer
- AMICOAT™ Duplex Coating, Powder coating over Hot-Dip Galvanizing

All of AMICO Security's finishing processes involve a zinc layer for superior corrosion protection. While a traditional paint layer aims to prevent water from touching the steel, a zinc layer provides a superior cathodic protection replacing the steel anode with a zinc anode resulting in zinc oxide which forms a protective layer instead of rust.



Hot-Dip Galvanizing



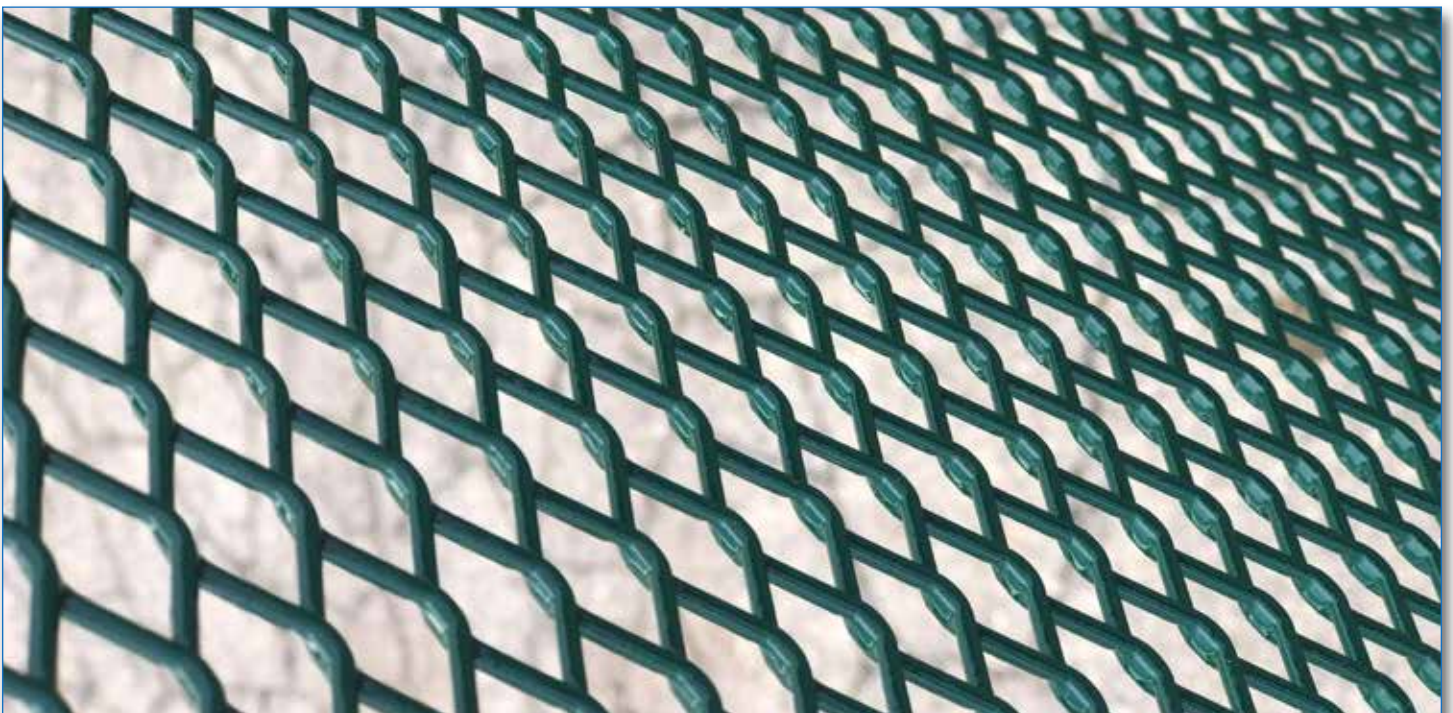
Duplex Coating

Duplex Coating provides a more sophisticated manner of corrosion protection known as the synergistic effect. The hot-dip galvanized steel is powder coated providing two layers of protection. Used independently, both paint/powder coatings and galvanizing provide corrosion protection to steel; however, when utilized together, the two coatings work in synergy. The exterior layer of paint or powder coating slows down the rate at which the zinc is consumed, greatly extending the life of the galvanized steel. In return, once the exterior layer has been weathered down or damaged, the zinc beneath is still available to provide cathodic and barrier protection.

AMICOAT™ Standard Colors for AMIGUARD® 6000 & 7000 Security Meshes



Please note that standard AMICOAT™ colors shown in here are for reference only as they can deviate slightly from the actual colors depending on electronic screen or printing.





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