

— BUSINESS | SERVICES | CATALOG

# GORILLA NETTING.

Custom sports, security, contraband, and defense netting systems — engineered, manufactured, and installed worldwide.

**BUILT GORILLA STRONG.™**

2026 EDITION | VOL. 01

HOLIDAY, FL • CAMPBELLSVILLE, KY • ALL 50 STATES + WORLDWIDE



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### OUR STANDARD

From a single-pole driving-range extension in Atlanta to a 750-foot modular protective enclosure for critical energy infrastructure — every Gorilla Netting system is engineered, manufactured, and installed by the same team, under the same warranty, to the same uncompromising standard.

## — 01 COMPANY

## Gorilla Netting at a Glance

Founded in 2017 by Brandon West and Dolvin Todd, Gorilla Netting LLC is a turnkey provider of custom sports, commercial, security, and defense netting systems. From our headquarters in Holiday, Florida and our operations base in Campbellsville, Kentucky, our crews mobilize to all 50 states and across the globe — designing, manufacturing, and installing every system we sell.

We are a single-source contractor. Consulting, engineering, design, manufacturing, customization, pole setting, sports lighting, and installation are all delivered by one team, on one schedule, under one warranty. Our staff has 20+ years of netting expertise, and every installation is backed by a **5-year full-coverage warranty** that exceeds industry standards.

**2017**  
FOUNDED

**50**  
U.S. STATES SERVED

**20+**  
YEARS OF EXPERTISE

**5-YR**  
FULL WARRANTY

**24/7**  
INQUIRY INTAKE

### Core Capabilities

- › Site assessment, consultation, and project budgeting
- › Licensed professional engineering (cable-stayed structural)
- › Custom netting design and panel manufacturing
- › Wood, steel, and composite pole setting and foundations
- › State-of-the-art LED sports lighting design and installation
- › Turnkey installation crews mobilized nationwide and abroad
- › Engineered use of patented breakaway netting components (licensed)
- › 5-year full-coverage warranty on every system

### Industries Served

- › Golf courses, driving ranges, and entertainment venues
- › High schools, colleges, and professional sports facilities
- › Soccer, baseball, softball, and multi-sport complexes
- › Landfills, transfer stations, and recycling facilities
- › Federal, state, and county correctional facilities
- › Drone and UAS research, training, and test facilities
- › Energy, oil & gas, and chemical infrastructure
- › United States Military and allied government agencies

— 01.2 COMPANY

## Selected Clients & Partners

A representative — not exhaustive — list of organizations that have engaged Gorilla Netting for engineered netting and protective-enclosure work. Many additional clients in the defense, intelligence, and corrections sectors are not listed publicly for security and confidentiality reasons.

 U.S. Army	 U.S. Navy	 U.S. Marine Corps	 NASA / JPL	 Lawrence Livermore Nat'l Lab	 Federal Bureau of Prisons	 USDA	 Matrix Research
 CoreCivic	 Pasco County Sheriff's Office	 Broward County Sheriff's Office	 Hillsborough County	 Pinellas County	 AT&T	 Waste Connections	 New York Yankees
 Topgolf	 Augusta National Golf Club	 USGA	 PGA	 Busch Gardens	 Embry-Riddle Aeronautical Univ.	 FIU Wall of Wind	 University of Florida
 Virginia Tech	 University at Buffalo (SUNY)	 University at Albany	 University of Illinois	 University of North Dakota	 UT Arlington	 UT Dallas	 University of Toronto

Logos are the property of their respective organizations and are used here for reference of engagement only — their inclusion does not imply endorsement of Gorilla Netting LLC.

— PART 02

## SPORTS & RECREATION

# Performance, Safety, and Spectator Protection.

Golf, baseball, softball, soccer, multi-sport complexes, and entertainment venues — built to absorb thousands of impacts and disappear into the sightlines of the game.

## — 02.1 SPORTS

## Golf Netting Systems

Golf is where Gorilla Netting earned its reputation. From private single-pole extensions at municipal driving ranges to full netted enclosures at international resorts, we design and install golf netting systems that hold up under daily ball strikes, severe weather, and decades of UV exposure.



Kigali Golf Resort & Villas — driving range netting (Rwanda).

### Configurations We Build

- › **Driving range perimeter netting** — 30'–150'+ tall pole-and-cable systems for public and private ranges.
- › **Golf course barrier netting** — tee-box, fairway, and property-line barriers protecting homes, roads, and adjacent holes.
- › **Netted golf enclosures** — fully enclosed practice and lesson facilities with roof netting.
- › **Indoor simulator nets & cages** — high-impact backstops engineered for launch-monitor environments.
- › **Topgolf-style entertainment venues** — large-span enclosures with breakaway panels.
- › **Net replacement & upgrade** — rebuild on existing poles, including upsizing for tournament play.
- › **Single-pole & cantilever extensions** — add 10'–40' of effective height to existing perimeter fences.
- › **Retractable / breakaway systems** — vendor-supplied patented carabiner-clip technology (licensed) that releases panels safely under high wind, snow, or ice.



Sugar Grove Golf Center  
Replacement & upgrade.



Pasadena Yacht & CC  
Driving-range perimeter.



Eagle Creek Golf Course  
Pole & netting system.

## Materials & Specs (Typical Golf Installation)

<b>Netting fiber</b>	UV-stabilized knotless polyester (typical 7/8" mesh) on the majority of driving range builds; knotless premium Dyneema (UHMWPE) on highest-spec installations for near-invisible sightlines. Knotless construction only — we do not specify knotted netting for golf.
<b>Mesh openings</b>	3/4" to 7/8" knotless — sized for golf-ball capture and selected based on sightline, wind loading, and target play volume
<b>Pole material</b>	Pressure-treated wood (up to 70–75 ft AGL), steel, or composite — cable-stayed and engineered to site conditions
<b>Perimeter cable</b>	Galvanized IWRC wire rope (3/8" to 7/16") for top, bottom, and lacing
<b>Foundations</b>	Engineered concrete piers — sized per soils report (typ. 6–12' embedment)
<b>Warranty</b>	5-year full coverage on materials and labor; breakaway components rated for re-attachment after extreme weather events

## — 02.2 SPORTS

## Baseball & Softball Netting

Baseball is the highest-impact ball sport we serve. Foul balls leaving a stadium have caused fatalities, multi-million-dollar settlements, and emergency MLB rule changes — which is why every Gorilla backstop and foul-line system is engineered to MLB and NCAA standards and held to the same scrutiny.



Cable-suspended tie-back backstop netting at Bill Wood Field — North Platte, NE.

### Systems We Install

**Cable-suspended tie-back backstops** — our signature system. Eliminates obstructing front-row poles so spectators get an unbroken view of home plate. Engineered for rear poles to absorb full impact and wind load.

**Batting cages & tunnels** — freestanding or rail-mounted indoor/outdoor cages built with #36 or #42 twisted-knotted nylon to withstand thousands of repeated high-velocity impacts.

**Foul-line & outfield extensions** — down-the-line netting that meets or exceeds MLB recommendations for spectator protection, designed to disappear visually for fans.

**Multi-sport complex netting** — shared-field facilities with divider netting, full perimeter containment, and field-segregation curtains for simultaneous play.

#### WHY OUR BACKSTOPS ARE DIFFERENT

Our cable-stayed engineering moves the support poles behind the action. Spectators see the game — not steel. Combined with Dyneema netting, the system is near-invisible to the eye while delivering professional-grade impact resistance. Featured installations: Bill Wood Field (North Platte, NE), Matanzas High School, and NCAA-grade indoor/outdoor batting facilities.

## — 02.3 SPORTS

## Soccer Barrier Systems

Soccer fields demand tall, long-span netting to keep a 70+ mph shot on the pitch and away from spectators, parked cars, and adjacent properties. Our soccer barrier systems are engineer-designed for the exact dimensions of your field, with breakaway components that protect the structure during storms while keeping play uninterrupted.

### Application Matrix

<b>Spectator protection</b>	Containment netting behind goals and along sidelines to prevent stray-ball injuries.
<b>Property protection</b>	Tall perimeter barriers that prevent balls from reaching streets, parking lots, or neighboring properties.
<b>Ball retention</b>	Keeps the game flowing — no waiting for ball recovery from adjacent fields, ditches, or woods.
<b>Player performance</b>	Controlled environment that lets players focus on training without external distractions.
<b>Practice efficiency</b>	Coaches reclaim 20+ minutes of practice per session by eliminating ball-retrieval time.
<b>Facility upgrade</b>	Visibly raises the professional quality of a soccer venue — boosting fan experience and rental value.

### Materials & Configuration

<b>Pole material</b>	Pressure-treated wood (up to 70–75 ft AGL) or steel — painted or coated to match facility branding
<b>Netting</b>	UV-stabilized polyester or nylon with integrated border ropes engineered to remain intact during breakaway events
<b>Cable system</b>	Galvanized IWRC main and lacing cables for turnkey installations
<b>Breakaway hardware</b>	Optional vendor-supplied patented carabiner-clip component (used under license) — panels release safely under excess wind, snow, or ice loads
<b>Sport variants</b>	Designed for soccer, lacrosse, field hockey, rugby, and multi-sport configurations
<b>Service</b>	Engineer-stamped drawings, foundation design, manufacturing, installation, and 5-year warranty under one contract

— 02.4 SPORTS

## Multi-Sport, Lighting & Facility Upgrades

As a turnkey contractor, Gorilla Netting is uniquely positioned to upgrade an entire facility — not just hang a net. We commonly combine netting, pole setting, foundations, sports lighting, and breakaway hardware into a single coordinated install.

### Multi-Sport Complex Netting

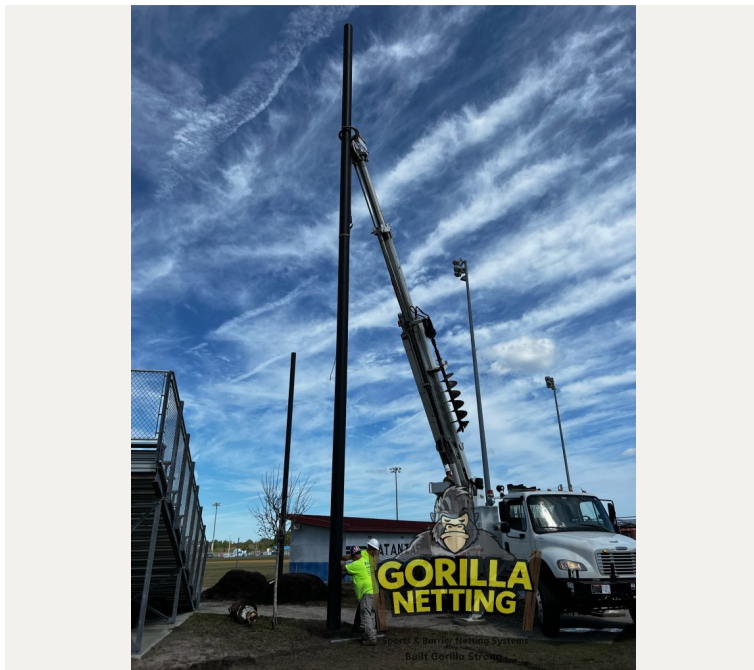
Shared-use fields, athletic parks, and academy training centers rely on our divider, perimeter, and overhead netting to run multiple sports simultaneously without ball cross-contamination. We design field-segregation curtains that retract for unified play and deploy for parallel use.

### Custom Sports Lighting

Our engineers design and install state-of-the-art LED sports lighting systems alongside netting installations — sharing the same pole foundations and crews to compress schedule and budget. We deliver lighting plans tuned to specific sports, broadcast requirements, and dark-sky compliance.

### Pole Setting & Foundations

We sell, set, and warranty poles independently of netting projects for facilities that need a trusted contractor to handle the structural work. Our team handles layout, foundation design, embedment, placement, and final stand-up — wood, steel, or composite.



### Sports Entertainment & Topgolf-Style Venues

Large-span entertainment netting requires the same engineering discipline as a stadium backstop — plus an architectural awareness of guest experience. We design enclosures that read as part of the venue, not as fencing bolted on after the fact.

### Retractable Netting Systems

For ranges, fields, and venues that need on-demand access, we install motorized and manual retractable systems integrated with breakaway hardware.

— PART 03

## COMMERCIAL & INDUSTRIAL

# Containment, Compliance, and Quiet Reliability.

Litter control, debris containment, drone enclosures, and the licensed breakaway systems that protect every category we serve.

## — 03.1 COMMERCIAL

## Litter Control Fences & Debris Netting

Windblown waste is a regulatory, environmental, and community–relations problem for every landfill, transfer station, recycling facility, and large construction site. Gorilla Netting designs and installs vertical barrier netting systems — commonly called litter control fences or debris netting systems — that contain that waste at the source.

### Benefits at a Glance

<b>Effective litter management</b>	Substantially reduces the volume of escaped waste, making collection easier and faster.
<b>Lower labor cost</b>	Less retrieval crew time — directly lowering operating cost and worker exposure.
<b>Environmental protection</b>	Keeps debris out of surrounding waterways, wetlands, and adjacent properties — protecting your facility from environmental liability.
<b>Wildlife &amp; safety</b>	Reduces wildlife access to active waste zones, protecting both animals and operations.
<b>Community goodwill</b>	Cleaner site lines preserve property values and neighbor relations — a documented compliance benefit during permitting.
<b>Wind protection</b>	Engineered to withstand high winds; survives the weather events that drive most litter complaints.
<b>Long lifespan</b>	Designed for many years of outdoor service with minimal maintenance.
<b>Customizable layouts</b>	Tailored to the facility footprint — perimeter, lift zones, transfer pads, or staged across the active face.

### Where We Install

- › Municipal and private landfills
- › Waste management transfer stations
- › Recycling and material–recovery facilities
- › Construction and demolition sites
- › Industrial process facilities with open material handling
- › Composting and yard–waste operations

## — 03.2 COMMERCIAL

## Netted Drone & UAS Enclosures

Gorilla Netting is one of the most experienced builders of large-scale drone test and training enclosures in the United States — including the massive University at Buffalo drone enclosure and the Virginia Tech Drone Park. Our enclosures let universities, defense contractors, and commercial operators test UAS platforms in real wind, rain, and light — without the FAA airspace overhead, range travel, and fly-away risk that come with open-sky testing.

**Build approach:** Engineering is signed by licensed PEs. Indoor enclosures typically use HDPE mesh; outdoor enclosures use UV-stabilized nylon or polyester. For high-performance research environments and large spans we deploy various netting materials and mesh sizes selected to match the specific drone platform, payload, and rotor profile being flown at the facility — there is no one-size-fits-all mesh for UAS containment. Every enclosure is custom-engineered to the platform envelope, payload class, and site layout.



Virginia Tech Drone Park — large-span UAS test enclosure.

### What These Enclosures Solve

<b>Outdoor flight testing</b>	Test platforms in real weather without risking fly-away or property damage outside controlled airspace.
<b>Pilot training</b>	Safe environment for new operators to log hours before flying in open airspace.
<b>Containment</b>	Prevents drone and payload escape — critical for sensitive R&D and ITAR-controlled platforms.
<b>Patron &amp; staff safety</b>	Eliminates risk to bystanders, neighboring buildings, and adjacent operations.
<b>Regulatory clarity</b>	Operating inside a netted enclosure removes most Part 107 airspace constraints, allowing extended-hours testing.
<b>Schedule compression</b>	Replaces weeklong trips to distant ranges with on-campus or on-site test windows.

## — 03.3 COMMERCIAL

## Breakaway Netting Systems

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Wind, ice, and extreme weather are the leading destroyers of barrier netting. To protect large-span systems in high-wind, snow, ice, and hurricane-exposed environments, Gorilla Netting integrates a patented carabiner-clip breakaway component manufactured by one of our specialty hardware vendors. When load on the system exceeds a calibrated threshold, the affected panels safely detach, sparing the poles, cables, and border ropes from catastrophic damage. After the event, crews re-hang the panels — no structural repairs, no tears, no broken ropes.

### When We Specify a Breakaway System

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<b>Hurricane-exposed sites</b>	Coastal Florida, the Caribbean, and the Gulf Coast — anywhere a sustained 100+ mph wind event is a credible threat to the netting structure.
<b>Snow and ice loads</b>	Northern installations where ice accretion on netting can multiply effective wind load and overstress the structure.
<b>Large-span sports</b>	Tall driving range backstops, Topgolf-style venues, and major-league baseball backstops where the cable structure represents the bulk of the project value.
<b>High-value perimeters</b>	Anywhere the cost of pole-and-cable replacement is dramatically greater than the cost of a panel rehang.
<b>Not standard on every project</b>	Most small to mid-size systems do not require this component. We recommend it where the engineering and the environment justify it.

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## How the Breakaway Component Behaves

<b>Technology</b>	Patented carabiner-clip connection between net panels and the perimeter cable system — manufactured by a specialty vendor and used under license.
<b>Load management</b>	Panels detach safely at a calibrated load — typically a heavy wind, snow, or ice event.
<b>Structural preservation</b>	Detachment removes the load path that would otherwise destroy poles and cables.
<b>Damage mitigation</b>	Border ropes remain intact; netting is undamaged; nothing tears.
<b>Reattachment</b>	Crews reconnect carabiners after the event — typically hours, not weeks of rebuild.
<b>Engineering integration</b>	Our cable-stayed structural engineers design the system around the vendor's rated breakaway load.
<b>Warranty</b>	Covered by Gorilla's 5-year full-coverage installation warranty.

### THE ECONOMICS OF BREAKAWAY

A traditional netting system in a major storm will lose poles, cables, and netting — often a 6-figure rebuild. A breakaway-equipped system loses nothing but its temporary attachment to the cable. We rehang panels in hours. On large-span exposed sites, your insurance carrier should be asking about it.

— PART 04

## SECURITY & CONTRABAND

# Stopping What Comes Over the Wall.

Perimeter and overhead netting that hardens prisons, jails, and high-security sites against contraband delivery — from low-tech tosses to high-tech drone drops.

## — 04.1 SECURITY

## Security Perimeter Netting Systems

Contraband delivery into correctional facilities has evolved into a sophisticated, multi-vector problem. Phones, narcotics, tobacco, and weapons are now launched over walls using potato guns, slingshots, sports balls, fishing line, and increasingly — drone drops. Gorilla Netting builds the perimeter and overhead netting systems that close those vectors at the source.



Security perimeter netting — Bayamón, Puerto Rico Department of Corrections.

### Threat Vectors We Stop

<b>Perimeter toss-overs</b>	Bags, weighted items, and balls launched over the fence by hand or with crude tools.
<b>Launch tools</b>	Potato guns, slingshots, modified sports launchers, and pitching machines.
<b>Sports-ball concealment</b>	Tennis balls, baseballs, and footballs hollowed out and packed with contraband.
<b>Drone drops</b>	Quadcopters and FPV drones delivering small payloads directly into yards.
<b>Fishing-line delivery</b>	Line-and-weight techniques pulling items across walls and into windows.
<b>Contraband types</b>	Narcotics, cell phones, SIM cards, tobacco, weapons, and prohibited tools.

## System Configurations

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<b>Structure type</b>	Standalone vertical structures, or extensions attached to existing fence lines
<b>Height</b>	Built to facility-specific requirements — typical 30'–60' AGL, with custom heights for high-security sites
<b>Support poles</b>	Wood or painted steel — steel poles color-matched to facility palette for visual integration
<b>Extensions</b>	Cantilever extensions at the top of perimeter fences, or full netting extensions above and below existing barriers
<b>Materials</b>	High-tenacity polypropylene, nylon, polyester — plus confidential material options for high-threat environments
<b>Environmental</b>	Engineered to local climate and threat profile (coastal, high-wind, freeze-thaw)
<b>Installation</b>	Professional installation by trained Gorilla crews; backed by 5-year full-coverage warranty

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## — 04.2 SECURITY

## Overhead Contraband Netting

Perimeter netting stops what comes over the wall. Overhead contraband netting stops what comes from above. With drone-delivered contraband now a documented operational threat at correctional facilities nationwide, a hardened overhead net is the single most effective passive defense available.



Overhead contraband netting installation at a high-security correctional facility.

### What an Overhead System Does

<b>Blocks aerial drops</b>	Intercepts items released from drones over recreation yards, housing units, and exercise areas.
<b>Tangles small drones</b>	Mesh openings sized so small FPV and quadcopter rotors entangle on contact — documented to disable many consumer-class drones.
<b>Forces detection</b>	Drones can no longer fly through to a precise drop point — attackers are forced into longer dwell times that detection systems pick up.
<b>Survives weather</b>	Engineered with cable-stayed support to remain functional through severe weather events.
<b>Combines with perimeter</b>	Designed to integrate with existing or new perimeter netting for a fully enclosed protected airspace above critical zones.

— PART 05

## DEFENSE & CRITICAL INFRASTRUCTURE

# Stopping Drones. Containing Shape Charges.

Modular protective barrier systems engineered to harden oil & gas, energy, military, and government assets against FPV drone and explosive-payload attack — then be repaired in a single shift when they take a hit.

## — 05.1 DEFENSE

## The New Threat Landscape

Across the modern battlespace and at energy facilities worldwide, the weapon of choice has changed. **First-person-view (FPV) quadcopters, loitering munitions, and improvised drones carrying shape-charge warheads** can be assembled for a few hundred dollars and fly directly into transformers, storage tanks, pumping skids, antenna farms, and transfer-station manifolds. A single small drone with a 1–2 kg shaped charge can disable assets worth tens of millions of dollars.

Hard kinetic defenses — jammers, RF disruptors, anti-drone guns — reduce risk but do not eliminate it. Jamming-resistant fiber-optic drones now bypass most electronic countermeasures entirely. The answer that operators across Russia, Ukraine, the Middle East, and North America are converging on is the oldest one in the book: **a physical layer that the drone simply cannot pass through.** Properly engineered netting absorbs the drone's kinetic energy, entangles its rotors, and — critically — holds back the fragmentation and overpressure of any warhead that detonates inside the mesh.

### WHY NETTING, WHY NOW

Netting is the only counter-drone layer that is passive, jam-proof, weather-tolerant, and can be installed at scale around a 50-acre facility in weeks — not the years required for hardened steel enclosures or active-defense weapons systems.

## What Gorilla Defense Systems Are Engineered to Stop

<b>FPV quadcopters</b>	Sub-2 kg first-person-view drones flying at 80–150 km/h. Mesh openings sized so rotors entangle on contact; netting absorbs kinetic energy across cable network.
<b>Loitering munitions</b>	Fixed-wing and rotary kamikaze drones with explosive payloads. Cable-stayed structure deflects and contains detonation within designated sacrificial bay.
<b>Shape-charge payloads</b>	RPG-style and improvised HEAT warheads carried by drones. Outer net + standoff + inner net configuration disrupts standoff distance needed for jet formation.
<b>Mortars &amp; lobbed IEDs</b>	Indirect-fire and hand-launched munitions. Overhead netting intercepts plunging trajectory before terminal impact.
<b>Contraband &amp; surveillance drops</b>	Items released from drones over secured perimeters. Overhead mesh blocks aerial drop corridor.
<b>Fiber-optic tethered drones</b>	Jam-resistant drones controlled via fiber spool. Physical netting is unaffected by electronic countermeasure status.

## — 05.2 DEFENSE

## The Modular Protective Enclosure System

Gorilla Netting's flagship defense product is a **modular cable-stayed netting enclosure** designed by company co-founder and president **Dolvin Todd**. Originally engineered as a 750' × 450' × 50' high protective barrier for one of the world's largest oil producers, the system is now offered as a configurable platform that can be scaled from a single transformer yard up to a multi-acre tank farm or pumping station.

The architecture is deliberately **modular**. Every bay between adjacent poles is an independently anchored cable-and-net panel. When a strike occurs — and on a defended asset, strikes are inevitable — only the bays that took damage are replaced. The rest of the enclosure remains in service. Field-replacement of a damaged bay is a **single-shift operation**, performed with hand tools and a single lift truck. Compared to monolithic steel cages or concrete blast walls, the cost and downtime of a Gorilla restoration cycle is a fraction of a percent.

### Reference System — Engineering Specifications

<b>Overall footprint</b>	750' L × 450' W enclosure (configurable to any rectangular or polygonal site).
<b>Net height</b>	40' of vertical net curtain on 50' above-grade poles (configurable 25'–70').
<b>Netting fabric</b>	4" mesh high-tenacity polypropylene (HTPP), UV-stabilized, knotted construction. Optional Dyneema® UHMWPE upgrade for highest-threat zones.
<b>Top suspension cable</b>	7/16" IWRC (independent wire-rope core) galvanized aircraft cable, swaged to custom crosswire plate at every pole.
<b>Drop-run support cables</b>	3/8" IWRC galvanized cable, vertical runs at every pole and at intermediate drop points; takes load when net is impacted.
<b>Down-seam cables</b>	3/8" IWRC cable behind every pole, anchoring net panel edges so a single bay can be unclipped and swapped.
<b>Steel poles</b>	~36" O.D. heavy-wall steel; primary poles 50' above grade, 64' OAL with 14' embedment. Secondary poles 40' AGL, 52' OAL, 12' embedment.
<b>Pole spacing</b>	50' typical bay; engineered per-site for wind, snow, and threat loads.
<b>Foundations</b>	Reinforced concrete drilled-pier foundations sized to site geotech; full PE-stamped structural package delivered with every project.
<b>Modularity</b>	Each 50' bay independently replaceable. Damaged bay swap-out: ~6–8 hours, 3-person crew, single boom lift.

### — 05.3 REFERENCE DRAWINGS

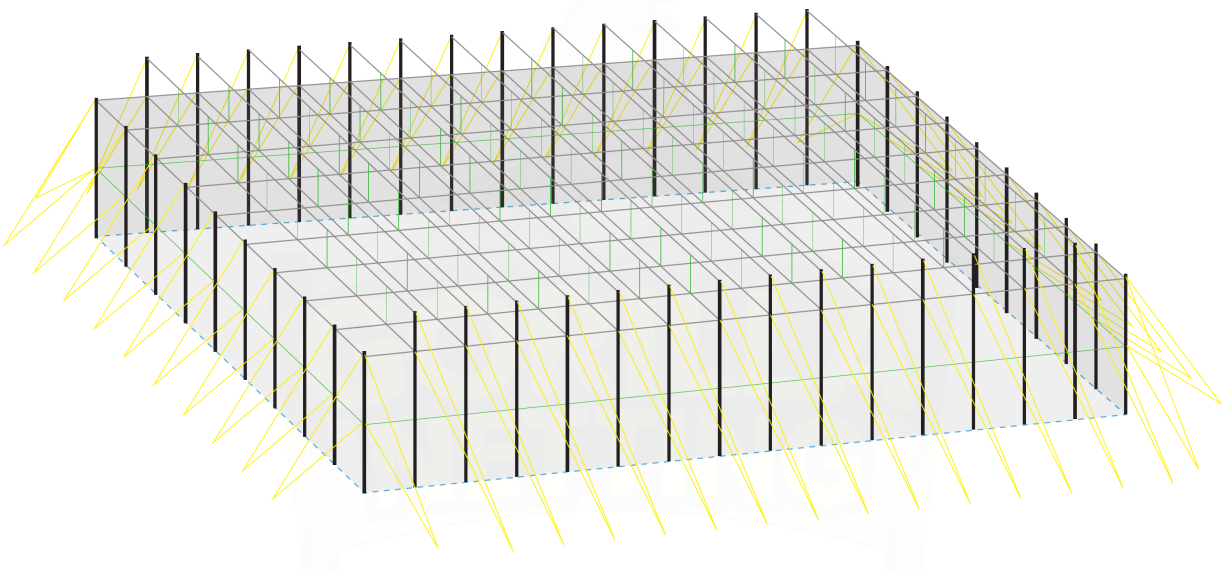
## Modular Protective Enclosure — Reference Build

The following concept drawing is excerpted from the engineering package designed by Dolvin Todd, President of Gorilla Netting LLC (© 2019, Gorilla Netting LLC). It illustrates a real-world deployment of the modular protective enclosure system around a critical energy–infrastructure site for one of the world’s largest oil producers. **The same design platform is available to defense, energy, and government clients today.**

Project owner and site location withheld for security and client confidentiality. Drawing used by permission. Reproduction prohibited.

### Birds-Eye Aerial View

BIRDS EYE (AERIAL) VIEW  
750'L (x2) X 450'W (x2) X 50'H (40'H NETTING)



Entry and egress points will be built in at multiple locations

Full 750' × 450' enclosure with 50' above-grade steel poles on a 50' bay spacing. 40' net curtain shown in plan; primary top cable, drop-run support cables, and pole grid clearly visible.

## — 05.4 DEFENSE

## Defense & Critical-Infrastructure Applications

The modular protective enclosure platform is deployed and quoted for a broad range of high-value, high-threat assets. Configurations adjust pole height, mesh selection, cable sizing, and overhead net coverage based on the threat profile, prevailing wind loads, and replaceability budget for each site.

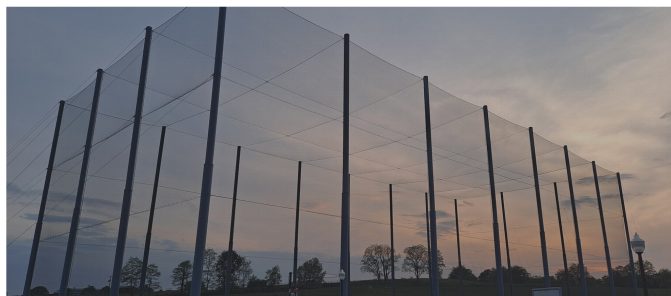
<b>Oil &amp; gas transfer stations</b>	Surround pumping skids, manifold yards, and tank batteries. Mesh contains shape-charge fragmentation and prevents drone attack on flammable inventory.
<b>Refineries &amp; petrochemical</b>	Selective hardening of distillation columns, control rooms, and feedstock storage. Engineered around existing piperack and roadway access.
<b>Electrical substations</b>	Enclose critical transformer banks and switchgear. Mesh selected to avoid arc-flash interaction with energized equipment.
<b>LNG, hydrogen, and chemical storage</b>	Containment-grade netting designed for high-consequence inventories where a single drone strike has cascade potential.
<b>Pipelines &amp; valve stations</b>	Localized enclosures around remote, unmanned valve and metering sites that would otherwise be defended only by chain-link fence.
<b>Military bases &amp; FOBs</b>	Perimeter and overhead protection for billeting, motor pools, fuel points, ammunition supply points, and aircraft revetments.
<b>Government &amp; diplomatic facilities</b>	Embassies, consulates, executive residences, and federal courthouses requiring drone-overflight denial.
<b>Data centers &amp; telecom</b>	Hardening of mission-critical cable landings, central offices, and cloud-scale data center power and cooling plants.
<b>Ports, dams, and locks</b>	Critical maritime and water-control infrastructure where a single shape-charge drone could disable national-scale logistics.
<b>Correctional &amp; high-secure detention</b>	Combined contraband-and-FPV-drone denial over yards, housing units, and perimeter approaches.

### TRUSTED BY THE UNITED STATES MILITARY

Gorilla Netting LLC delivers defense-grade netting and engineered protective enclosure systems to the United States Military, federal agencies, and allied government clients — with the same single-source engineering, manufacturing, and installation model used on every commercial project.



Energy infrastructure under aerial-threat protection.



Drone test &amp; training enclosure — Virginia Tech Drone Park.

## — 05.5 DEFENSE

# Why Modularity Is the Mission

Conventional hardened defenses — reinforced-concrete blast walls, welded-steel cages, T-walls — have one thing in common: when they are struck, the operator is faced with a major capital-replacement event. Cranes, demolition, road closures, permitting, weeks of downtime.

Gorilla's cable-stayed modular netting inverts that economic equation. A successful strike damages a single bay. The damaged net and cables are unclipped at the down-seam, swapped, and re-tensioned with the equipment already on site. **Defense is restored in hours, not weeks, and at a fraction of the cost of replacing a monolithic structure.** Spare bays are pre-manufactured and stocked at the client's warehouse or at our Campbellsville, KY facility for emergency mobilization.

<b>Single-bay swap-out</b>	~6–8 hours, 3-person crew, single boom lift. No hot work, no concrete cure.
<b>Replacement cost</b>	Typically 0.5–1.5% of total enclosure value per damaged bay.
<b>Pre-stocked spares</b>	Spare net panels and cable sub-assemblies pre-manufactured and inventoried for mobilization in 24–72 hours.
<b>No operational shutdown</b>	Adjacent bays remain in service; protected asset continues operating during repair.
<b>Scalable hardening</b>	Threat profile evolves? The netting system can evolve with it. Material upgrades, mesh changes, cable-support upgrades, attachment-hardware upgrades, integrated detection sensor upgrades, and more — all without foundation work, because the existing pole grid carries every reconfiguration.

— PART 06

## MATERIALS & ENGINEERING

# The Right Fiber. The Right Cable.

A side-by-side reference for the netting fibers, structural cables, poles, and foundations Gorilla specifies on every system we build.

## — 06.1 MATERIALS

## Netting Fibers — How We Choose

There is no single “best” netting fiber — there is only the right fiber for a given combination of impact energy, span, UV exposure, weight budget, and visual transparency. Gorilla specifies from four primary fiber families, each evaluated against the specific project profile.

<b>Nylon</b>	Knotted twisted nylon, the workhorse of sports netting. Best-in-class impact recovery and energy absorption. UV-treated lifespan 10–14 years. Used on baseball/softball, soccer, and most multi-sport applications.
<b>Polyester (KTD)</b>	Very low water absorption (stays light when wet), excellent dimensional stability across large spans, strong UV resistance. Preferred where extreme cold, heavy precipitation, or long horizontal spans dominate.
<b>Dyneema® / UHMWPE</b>	Ultra-high-molecular-weight polyethylene. Strength-to-weight ratio approximately 15× steel; near-invisible on broadcast; immune to UV degradation. Specified on MLB/NCAA-grade projects and on highest-threat defense bays.
<b>HTPP (high-tenacity polypropylene)</b>	The workhorse mesh of our security, contraband, and modular-defense enclosure systems. High abrasion resistance, low cost-per-square-foot, excellent service life when properly cable-supported.
<b>HDPE</b>	Used selectively on indoor drone enclosures, debris containment cages, and short-life temporary screens. Lower UV durability — not specified for long-term outdoor use.

## — 06.2 MATERIALS

## Structural Cables, Hardware & Poles

<b>IWRC wire rope (primary)</b>	7/16" independent wire-rope core galvanized aircraft cable. Specified as the top suspension cable on every cable-stayed defense and large-span sports enclosure.
<b>IWRC wire rope (drop-run)</b>	3/8" IWRC galvanized cable. Vertical drop-run support and down-seam cables. Engineered to take net load on impact and to anchor modular bay edges.
<b>Swaged terminations</b>	Factory-swaged thimbles and crosby clips at every termination. Custom crosswire plates engineered for repeatable bay replacement.
<b>Carabiner clip fastening</b>	Stainless carabiner clip net-to-cable fastening on breakaway and modular bay systems — enables a single panel to be released and replaced in minutes.
<b>Steel poles — defense grade</b>	~36" O.D. heavy-wall steel pipe, 50' above grade, 64' OAL with 14' embedment. Coatings selected for site corrosion class.
<b>Steel poles — sports grade</b>	6"–16" O.D. tapered or straight-wall steel, height 25'–100'+. Galvanized standard; powder-coat optional.
<b>Wood poles</b>	CCA-treated southern yellow pine, used for cost-driven sports installations and rural perimeters.
<b>Foundations</b>	Drilled-pier reinforced concrete foundations sized per site geotech and wind load. Full PE-stamped structural package delivered with every project.

### PE-STAMPED, EVERY TIME

Every Gorilla Netting enclosure ships with a licensed professional-engineer-stamped structural package. We do not field-design foundations or cable loads on the truck — every pole, every cable, every anchor is sized for the site's wind, snow, and threat profile before we mobilize.

— PART 07

## PROCESS & WARRANTY

# One Team. One Schedule. One Warranty.

How a Gorilla project runs — from the first phone call to a 5-year backed-by-our-name installation.

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— 07.1 PROCESS

## How We Run a Project

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Every Gorilla Netting engagement follows the same single-source workflow, whether the deliverable is a single-pole driving-range extension or a multi-acre modular defense enclosure. Consulting, engineering, manufacturing, pole setting, lighting, and installation are all delivered by one team, under one schedule, under one warranty.

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### 01 Consultation & Site Assessment

Phone, web, or on-site consultation. We confirm the protection goal, document existing site conditions, and define the project envelope. Every system we build is engineered for its specific site, so the time required to produce an accurate estimate varies — straightforward configurations move quickly, while complex sites require more discovery before we can stand behind a number.

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### 02 Engineering & Design

Licensed PE-stamped structural package: pole sizing, foundation design, cable load calculations, mesh selection, and CAD drawing set. Threat-profile review for defense and critical-infrastructure work.

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### 03 Manufacturing & Customization

Custom net panels manufactured to project dimensions in our own facility. Steel poles cut, drilled, and finished to spec. Cable assemblies fabricated with factory-swaged terminations. Spare bays pre-built and inventoried for defense clients.

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### 04 Pole Setting & Foundations

Drilled-pier foundations, pole erection, and cable rigging by Gorilla crews. Optional sports-lighting installation (LED) integrated into the same pole structure where required.

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### 05 Net Installation & Commissioning

Net panels hung, tensioned, and clipped to the cable network by our installation team. Final tension check, photo documentation, and owner walkthrough. As-built drawings and maintenance manual delivered at handover.

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### 06 Warranty & Long-Term Support

5-year full-coverage warranty on materials and workmanship. Inspection, re-tensioning, and field-replacement services available under separate maintenance agreement. For defense clients, 24/72-hour emergency mobilization for damaged-bay replacement.

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— 07.2 WARRANTY

## The Gorilla 5-Year Full-Coverage Warranty

Every Gorilla Netting installation is backed by a **5-year full-coverage warranty** on materials and workmanship — the longest warranty offered by any single-source netting contractor we are aware of. The warranty covers net fabric, cable assemblies, hardware, and the installation labor required to repair or replace covered components.

— 07.3 DIFFERENTIATION

## Why Clients Choose Gorilla

<b>Single-source delivery</b>	Engineering, manufacturing, pole setting, lighting, netting, and warranty under one roof. One number to call, one team responsible.
<b>Breakaway-equipped systems</b>	For large-span and weather-exposed installations, we are authorized to specify and install a patented carabiner-clip breakaway component (manufactured by a specialty vendor) that lets panels release safely under high wind, snow, or ice load — protecting the poles and cables from catastrophic damage.
<b>Defense-grade engineering</b>	PE-stamped structural packages and a real production modular protective enclosure platform deployed for the United States Military and allied government clients.
<b>Worldwide installation</b>	Crews mobilized to all 50 states and internationally — from Bayamón, Puerto Rico to Kigali, Rwanda.
<b>5-year warranty</b>	Industry-leading full-coverage warranty on every system, regardless of size.
<b>Owner-operator accountability</b>	You speak directly with the people who founded and install your system. No franchise layer, no broker.

— PART 08

## CONTACT & PROJECT INQUIRY

# Talk to Engineering. Today.

Submit a project inquiry 24/7. A PE-stamped engineering package once we have your site requirements. A finished installation backed for five years.

## — 08 CONTACT

## Get Your Project Started

You can submit a project inquiry through our website 24/7. Our engineering, estimating, and project-management team responds during normal business hours.

If you reach out during business hours, you can speak with a representative the same business day to discuss your project — that includes defense and critical-infrastructure inquiries. A same-day conversation does not always mean a same-day quote: every system we build is engineered for its specific site, so straightforward configurations move quickly through estimating while complex sites require more discovery. We will not issue a number we cannot stand behind.

**CALL****1-800-274-1079**

Direct: 727-386-5438

**EMAIL****sales@gorillanetting.com**

Sales &amp; quotes

**info@gorillanetting.com**

Press &amp; general

**WEB****gorillanetting.com**

Project gallery &amp; specs

### Offices & Mobilization

<b>Headquarters</b>	Holiday, Florida
<b>Operations base</b>	Campbellsville, Kentucky
<b>Service area</b>	All 50 United States and worldwide. Recent international installations include Kigali, Rwanda.
<b>Industries served</b>	Sports facilities, correctional, energy & oil & gas, military & government, telecom, landfill & waste, manufacturing.
<b>Response time</b>	Same business day for any inquiry received during business hours — a conversation with a representative, not always a same-day quote.
<b>Quote turnaround</b>	Varies by system complexity. Straightforward configurations move quickly once site requirements are confirmed; engineered defense and critical-infrastructure projects require more discovery. We will not issue a number we cannot stand behind.
<b>Emergency mobilization</b>	24–72 hour emergency-replacement crew dispatch for defense clients with active maintenance agreement.

**BUILT GORILLA STRONG.™**

From a single-pole extension to a 750' modular protective enclosure — same team, same warranty, same uncompromising standard. We look forward to building yours.