



# FOB

## **FORWARD OPERATING BASE**

Perimeter Security Products FOB's have a unique modular design. The perimeter of each is constructed of Houston Barricades or Blast walls depending on the particular threat level being met. Each FOB is custom designed to match the specific needs of the Camp.

A variety of products including: Guard Towers, Barricades, Hedge Hogs, Check Point Bunkers, Bunker Covers, Gates, Concertina Wire and Security Veils can be added to complete the FOB and make it functional.

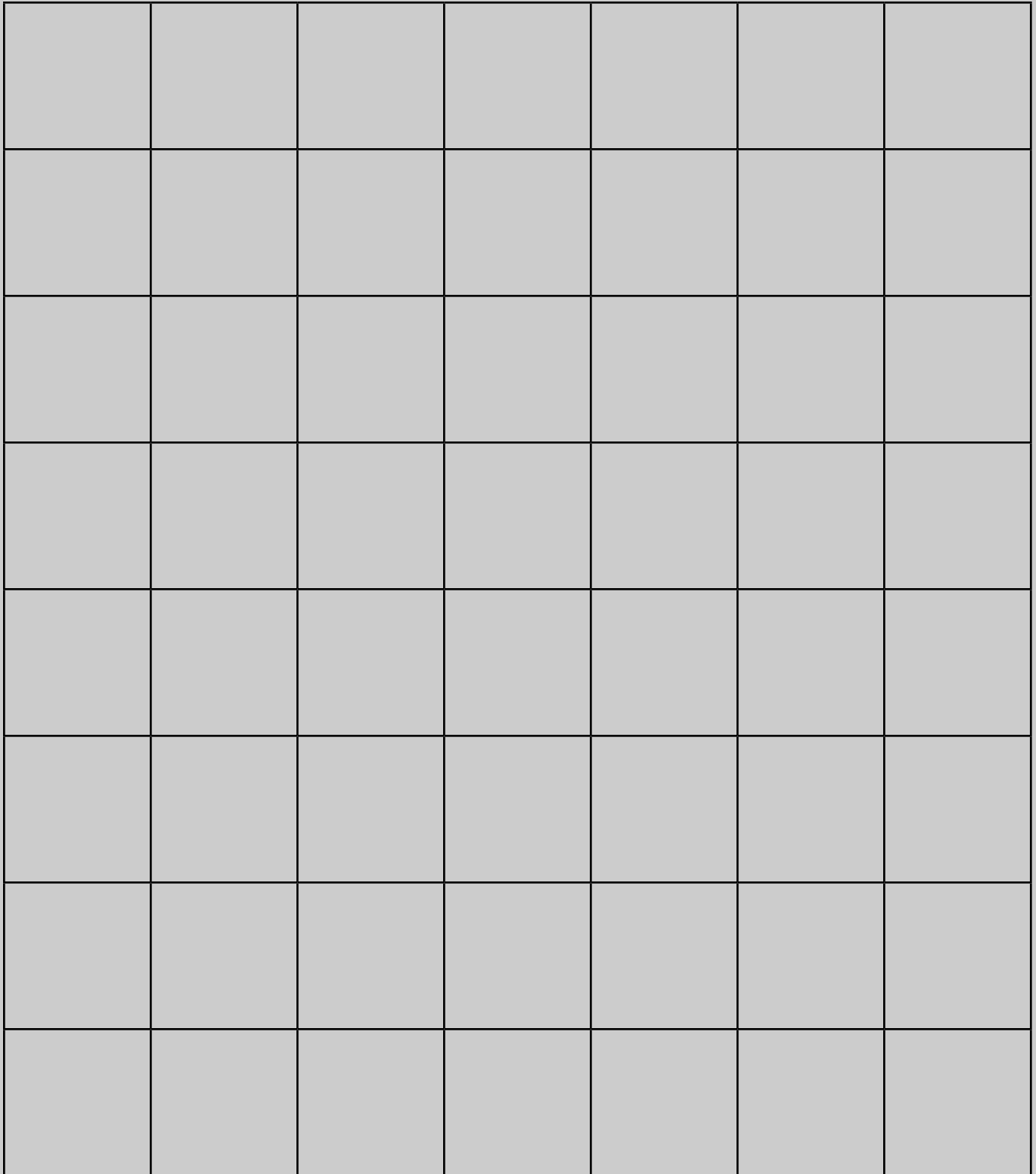
Perimeter Security Products innovative designs are tested with live demonstrations. Key components used in the modular FOB systems are tested to insure each FOB will provide the protection needed for a given threat.

- **Rapid Setup**
- **Long Life**
- **Re-deployable**
- **Choice of Protection Levels**
- **Design Assistance**



Our systems are long lasting and recoverable. Perimeter Security Products FOB will not deteriorate over time like others. There are no bags to fill, no loose parts to keep up with and the individual components are easy to move and reconfigured as needed.

# FOB WORKSHEET    1 INCH = 20 FEET



Use the guide above to sketch your layout. Our design team can then make a material list, drawings and 3-D view of your base.

# ECP ENTRY CONTROL POINT

The **Entry Control Point, (ECP)** is one of the most important aspects of any Forward Operating Base (FOB). The ECP defines how personnel, vehicles and materials enter a base. Each FOB contains multiple ECPs, some for Vehicles and some designed for Personnel. At Perimeter Security Products we know that threats change, that's why we work with Security Forces, Engineers and Force Protection Experts to create innovative modular products that can be used in combination, to create ECP s that can be configured to protect against a specific threat and easily modified as situations change.



The picture above shows a typical Vehicle Entry Control Point constructed using Creative Building Product components including Houston Barricades, Hedge Hogs, Bunker Check Point, Guard Tower, 3110 Barricades and Slide Gate.



From inside the camp you can see the Check Point bunkers for both ECPs



The Personnel Entry Control Point above includes: Houston Barricades, Bunker Check Point, Guard Tower and Man Gate.

# FOB HOUSTON BARRICADE, REVETMENT WALLS

## HOUSTON BARRICADE



The **Houston Barricade** is 8' tall by 4' wide. It provides blast protection using sand for mitigation. No heavy equipment is necessary to install the barricade. Forklift pockets make it possible to easily reposition sections as threats change. The Houston Barricade is made of high density polyethylene. In demonstrations this barricade has shown it's ability to catch shrapnel and eliminate rebounds and ricochet.

The **Houston Barricade Corner Section** is made to fit onto the end of the Houston Barricade and will allow for a continuous wall when making a 90° corner.

Houston Barricade Corner

Perimeter Security Products **Revetment Walls** are prefabricated and easy to construct. They provide maximum blast protection. Each system is customized to your needs. Walls are available in heights up to 16'. The width of the wall will be determined by threat protection level and wall height. The galvanized panels resist rusting and will last for years.



Wall section ready to be filled with sand

## REVETMENT WALL



Completed 16' High Revetment Wall Section

## HEDGE HOGS



5' Hedge Hog

Perimeter Security Products **Hedge Hogs** are prefabricated and easy to assemble. They are available in 3', 5' and 7' models.

When set side by side they form a formidable obstacle. Hedge Hogs are a great way to force traffic to serpentine through a Vehicle ECP. They can also be chained together with the option chain kit.

Both the Houston Barricade and Revetment Wall System should be topped with Perimeter Security Products Concertina Wire to provide another level of protection.

# FOB GUARD TOWER, CHECK POINT BUNKERS AND

## STANDARD GUARD TOWER



Standard Guard Tower w/Ladder

The **Standard Guard Tower** is designed to fit on top a standard Conex Container. It is shipped complete with all components and tools needed to assemble. It comes standard with an external ladder. An option step through entry and sloping ladder are available. The Step Thru option keeps you less exposed when entering the tower. The tower walls provide NIJ4 protection when filled with sand.



Step Thru w/Ladder

## CHECKPOINT BUNKER



Check Point bunker as part of a ECP

Perimeter Security Products **Checkpoint Bunkers** are available with or without overhead protection and there is a model for sand or water fill. Both provide NIJ4 protection. The step thru design makes it easy for the sentry to exit the bunker for inspections.

## BUNKER COVERS



Bunker Cover application in FOB

Perimeter Security Products **Bunkers Covers** are designed to provide personnel protection during an attack. They are constructed of high density polyethylene. Each section is filled with sand to provide protection from blasts. Sections lock together to form the shelter.

In demonstrations, the Bunker Cover has shown it's ability to catch shrapnel and eliminate rebounds and ricochets.

The Bunker End Caps provide additional protection from sniper fire while making it easy to enter and exit the unit.

# FOB BARRICADES, TIRE SHREDDER, HEDGE HOGS

## AND CONCERTINA WIRE

### BARRICADES



3110 Barricade

4 way corner

These barricades are easily moved by hand, without engineering support. Simply position the barricades and fill with sand or water for ballast as determined by the threat level. The barricades are made from polyethylene and are maintenance free. When positioned with ballast these barricades provide protection at gate approaches, roads, crowd control and etc. Available in multiple colors.

The Tire Shredder is easily installed on an existing roadway without excavating or asphalt cutting. The low profile 2" permits smooth passage of a vehicle in the allowed direction. Teeth are spring loaded and retract as vehicle pass over. The teeth can be locked down to allow travel in both directions. Manufactured from 1/4" thick steel and powder coated for lasting durability. The Tire Shredder comes in 3ft sections.

### TIRE SHREDDER



Tire Shredder shown with teeth engaged.

### PERIMETER SECURITY VEIL



Perimeter Security Veil shown from both sides.

The Perimeter Security Veil (PSV) is ideal for use on Fences, Check Point Bunkers or other exposed perimeter areas in a FOB that you don't want seen. The PSV was evaluated by the US Army Military Police School (USAMPS) and shown to be very useful in blocking the enemy's view of valuable assets inside a facility, while allowing the warfighter the capability of detecting and assessing targets on the exterior. The PSV is 33ft x 7'6" and available in Desert Camo, Tiger Stripe and Woodland Camo.

Concertina Wire is an important consideration for perimeter protection of any FOB. Perimeter Security Products offer a wide range of products to fill this need from 18" Concertina Wire to top the Houston Barricades, 38" short barb Concertina to protect the outside perimeter. Perimeter Security Products Triple-Strand 48" wide X 80" tall BTC Rapid Deploy System can deploy 480ft of wire in 2 minutes and recovered in 20 minutes for redeployment. All tools and stakes needed for deployment and recovery are included. Option Pro Pallet Carrier can be used to deploy and recover the wire.

### CONCERTINA WIRE



38" Concertina Wire Deployed

# FOB SLIDE ARM BARRIER GATE, WEAPON CLEARING

## STATION AND SPECIFICATIONS

### SLIDE ARM BARRIER GATE



The **Slide Arm Barrier Gate** is available in any length up to 40ft. The gate slides on a heavy duty roller with a bogey support wheel on each end for support and operation. The beam is painted alternating black and yellow for high visibility in any conditions day or night. Prismatic reflection tape is an option. The heavy duty gate provides excellent protection and comes complete with a tool set to speed assembly. Each gate can be mounted to the top of concrete barricades or gate frame supports as shown above. The gate can be disassembled and moved on a common pallet, asset recoverable.



Slide Arm Barrier Gate in open position.

### WEAPON CLEARING STATION



The **Weapon Clearing Station** is designed to provide a safe place to properly empty a weapon. The polyethylene construction insures that it won't rust or corrode like metal barrels. The unit can easily be filled with sand from the top and provides 12" of mitigation material all the way around the clearing opening. The clearing opening is raised on the edges to protect weapons against damage. Fork pockets on the bottom make it easy to move.

WCS Weapon Clearing Station

Part Number	DESCRIPTION
967HTDT/967HTDTC	Houston Barricade, Desert Tan; Houston Barricade Corner, Desert Tan
124896G	Revetment Wall, 4' X 8', Galvanized
HH50375	Hedge Hogs, 5'
9672DT	Standard Guard Tower, w/TriCon box, Desert Tan
4129W	Checkpoint Bunker, water-filled, Desert Tan
12542DT/12544DT	Bunker Protective Covers, Desert Tan; bunker Cover End, Desert Tan
3113/3113CU	Barricades, 3110, Desert Tan; Barricade Corner, 31", Desert Tan
DC36-LD	Tire Shredder
PSC833DC	Perimeter Security Veil, Desert Camo
CW18X50	Concertina Wire, 18" Short Barb NATO x 50'
SG-20	Slide Arm Barrier Gate, 20'
WCS	Weapon Clearing Station

PROVIDING ANTI-TERRORISM AND FORCE PROTECTION SINCE 1979.

## Product Demonstrations

Perimeter Security Products has been providing Anti Terrorism and Force Protection products to the military since 1979. Demonstrations have been conducted to show the ballistic and blast capabilities of our products. CBP security solutions protect troops in the field, facilities, assets, entrances and urban spaces. Many of these products are being utilized overseas to minimize the effects of planned terrorist attacks.

Perimeter Security Products has now shown in its demonstrations that it has products that can be used to protect against the following threats:

- Blast force and shrapnel from a 24,000# ANFO Blast (vehicles were located between blast and products).
- Blast force and shrapnel from a 5,000# ANFO Car bomb at 20'.
- Blast force and shrapnel from a 1,000# ANFO Car bomb at 3'.
- Blast force and shrapnel from a 500# TNT Car bomb at 10', 25' and 50'.
- Blast force and shrapnel from a 5# C4 Vest bomb at 15'.
- Impact force of a 15,000# truck traveling at 50mph and stop it in less than 3'. (Department of State K12L3 Certification)

Ballistic stop of the following:

- 9 mm
- 5.56 mm
- 7.62 mm
- .50-caliber Ball, M33
- .50-caliber AP, M2
- .50-caliber dearmour
- 20 mm Fragment Simulator, 830 gr.
- Mark 19 Flechette round
- Mark 19 HE round

- Standard Grenade
- 2# of C4
- Claymore
- Various pipe bombs
- 120 mm Mortar
- 122 mm Katyusha Rocket
- RPG7-HE
- RPG7-AT

## PERIMETER SECURITY PRODUCTS

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