



WATERFRONT PROTECTION

Floating Barrier/Fence

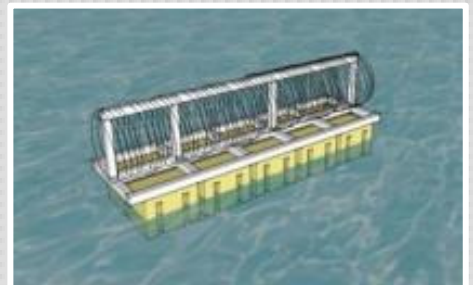
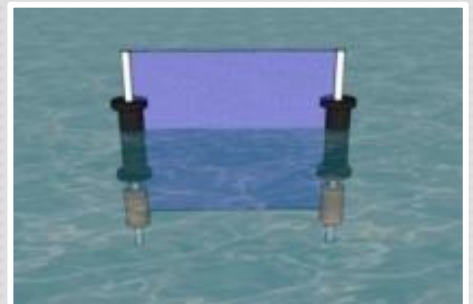
- Customer-specific solutions
- Resistance against corrosion
- Innovative, dependable and efficient

WHY Floating Barrier / Fences



Features:

- Waterfront Facilities Protection
- Warning Prevent Vandalism, Malicious trespassing, Theft or terrorist intrusion
- Example of facilities:
 - ICQ complex
 - Seafront Hotels/Resorts
 - Offshore terminals
 - Pump station
 - Cruise ship Terminal
 - Jetty
 - Dams/Hydro plants
 - Military Installation



Floating Linear Barrier (FLB)

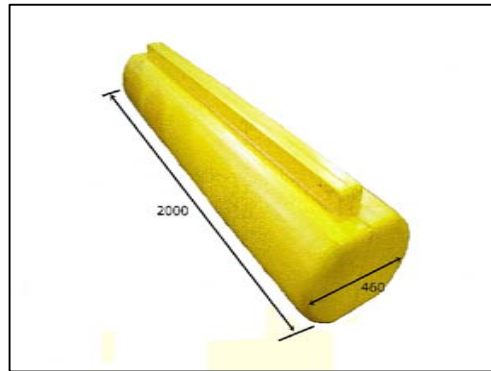
Waterfront Infrastructures are often not adequately monitored as conventional fences and security electronics are not feasible.

Long hours of surveillance with patrol boats overstretched the security forces arrangement of most organizations.

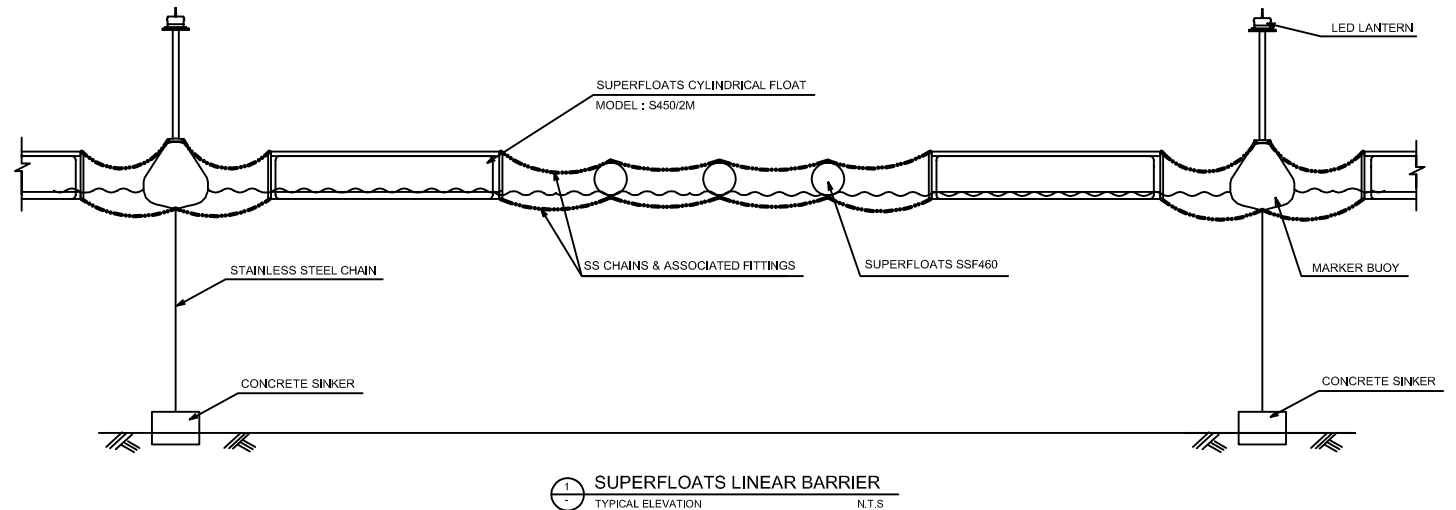
Floating Linear Barrier (FLB) presents a lower cost coastal protection to facilities such as Resorts/Hotels/Jetty etc where the issues in hand are more of border demarcation, containment or minor vandalism/theft prevention.



**SUPERFLOATS FLOATING LINEAR BARRIER (FLB)
- MODEL FLB 10M / S450 / 2M / SSF460 / 2 CHAIN**



Used as an aqua fence, security floats are used to prevent anyone from crossing the barrier. Built from quality products, some security barriers have walls extending from its surface. By linking together, the security floats can protect locations near the coast preventing boats from entering into its private domain. Examples of its uses include protecting military bases from any enemy watercraft and preventing people from entering private cruises.



GENERAL NOTE:

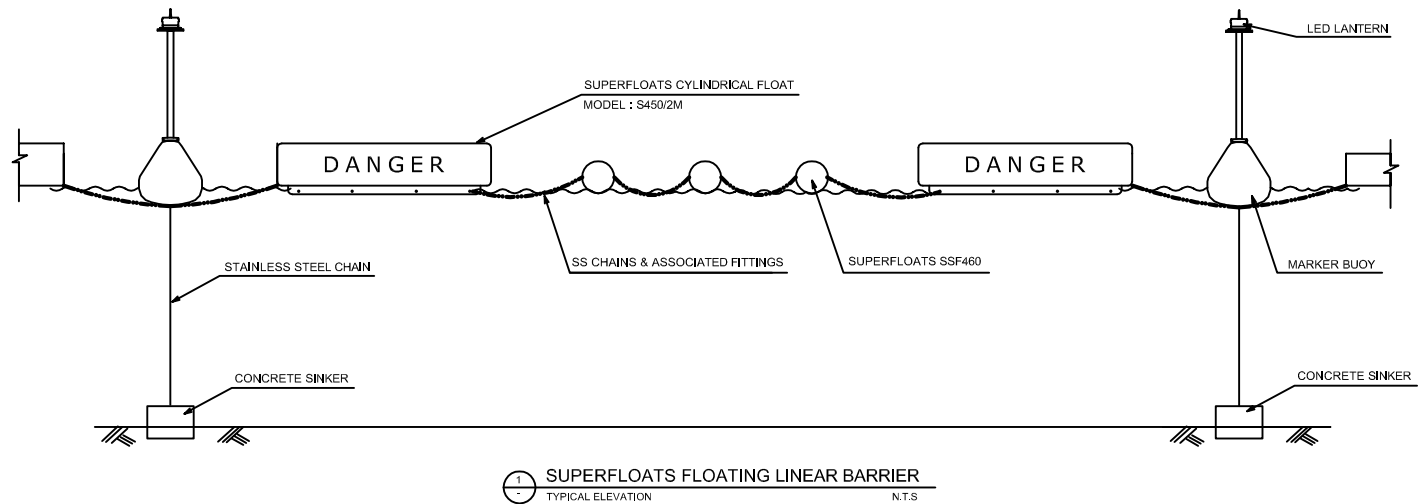
1. LED blinking light to be fully powered by solar panel and inbuilt rechargeable battery.
2. LED blinking light assembly to be weather proof and UV resistant.
3. LED blinking light to be control by light sensor and to activate during low light condition i.e. after sunset and before dawn.
4. Chain linking the buoys to be made of UV resistant plastic that are suitable for marine application or stainless steel cable.
5. Sinker weight to be design assuming a max velocity of 1.5m/s at surface for lake conditions.
6. Floats to be made of impact resistant and UV stabilities HDPE and infill with high density foam 32 kg/m³ and wall thickness 5mm.



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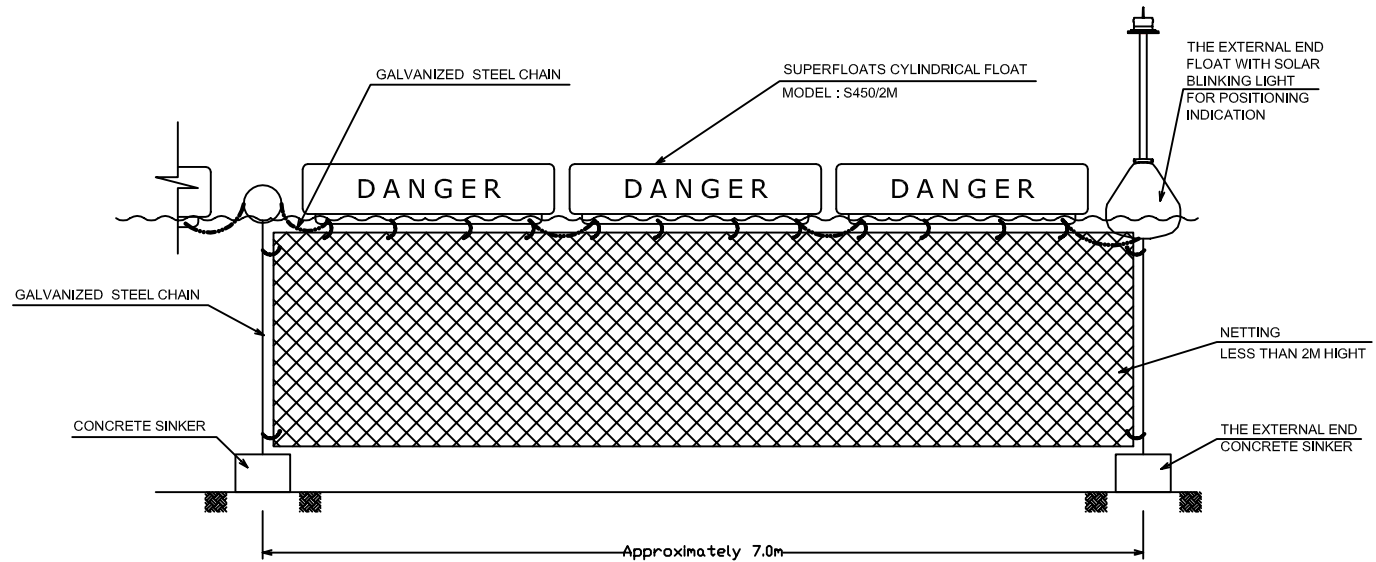
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6. Floats to be made of impact resistant and UV stabilities HDPE and infill with high density foam 32 kg/m^3 and wall thickness 5mm.
7. Wording on the float to be in black lettering and to be remain visible when view from either side and always remain above water line.



**SUPERFLOATS FLOATING LINEAR BARRIER (FLB)
- MODEL FLB 7M / S450 / 2M**



Used as an aqua fence, FLB floats are used to prevent anyone from crossing the barrier. Built from quality products, some FLB barriers have walls extending from its surface. By linking together, the CB/DB floats can protect locations near the coast preventing boats from entering into its private domain. Examples of its uses include demarcation of construction site and preventing people from entering private premises.

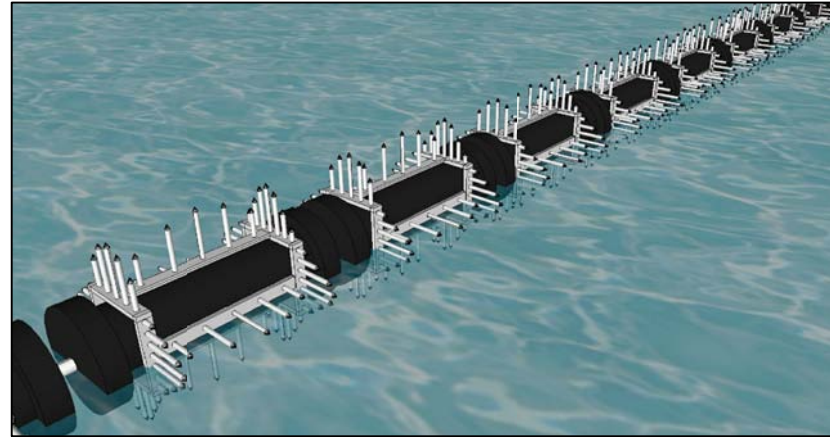


1 SUPERFLOATS FLOATING LINEAR BARRIER
TYPICAL ELEVATION N.T.S

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3. Floats to be made of impact resistant and UV stabilities HDPE and infill with high density foam 32 kg/m³ and wall thickness 5mm.
4. Wording on the float to be in black lettering and to be remain visible when view from either side and always remain above water line.



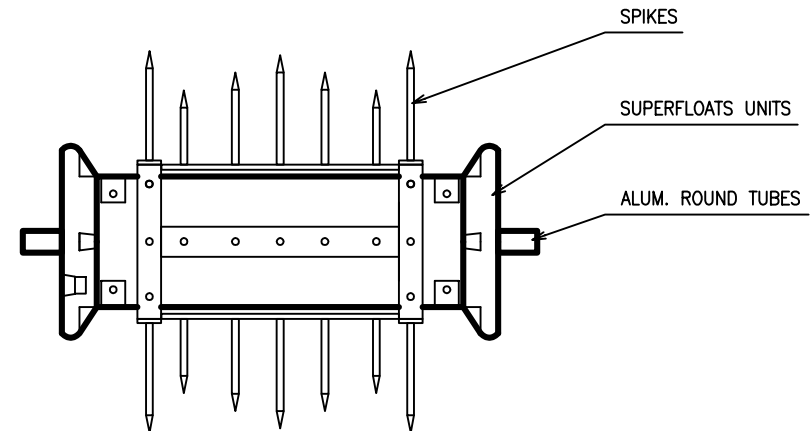


Floating Linear Barrier (FLB)

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FEATURES:

- MARINE GRADE ALUMINIUM 6082.
- ALL FASTENERS ARE CORROSION RESISTANT STAINLESS STEEL.
- STANDARD CONNECTION WITH HINGES. CUSTOM CONNECTIONS OPTION AVAILABLE.
- MODULAR CONSTRUCTION, MORE LENGTH CAN BE ACHIEVED WITH MULTIPLE OF ABOVE.

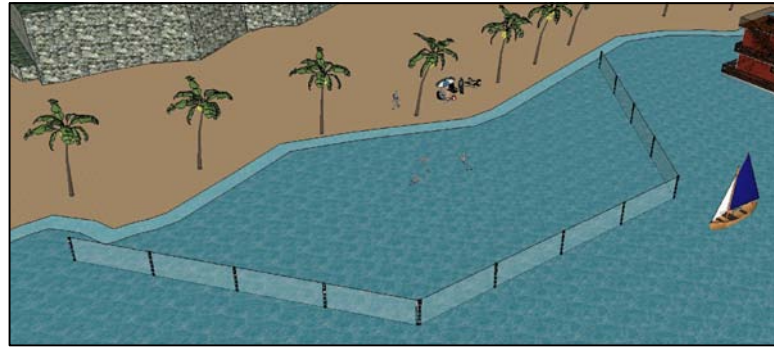
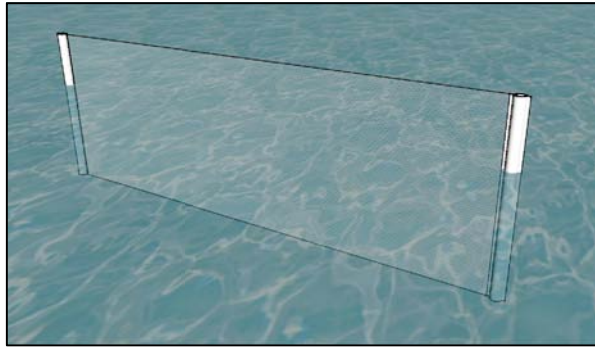


FLOATING LINEAR BARRIER

TYPICAL SECTION

N.T.S.





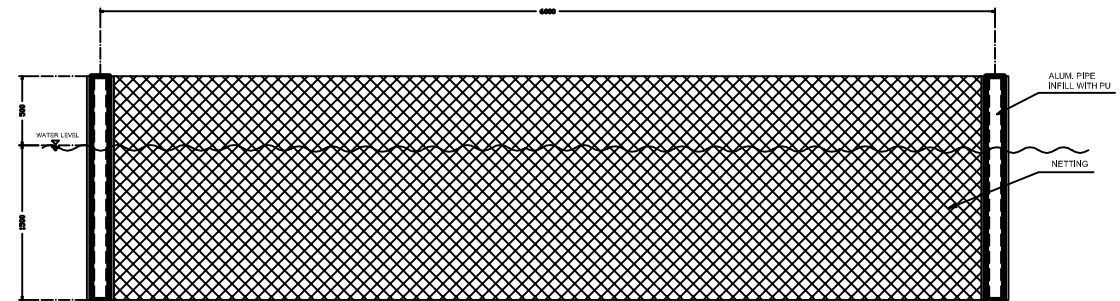
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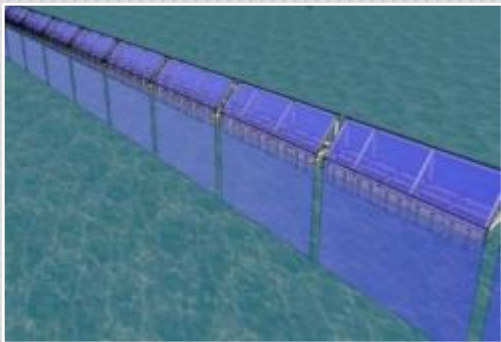
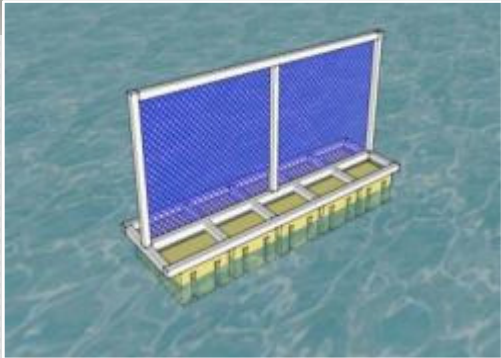
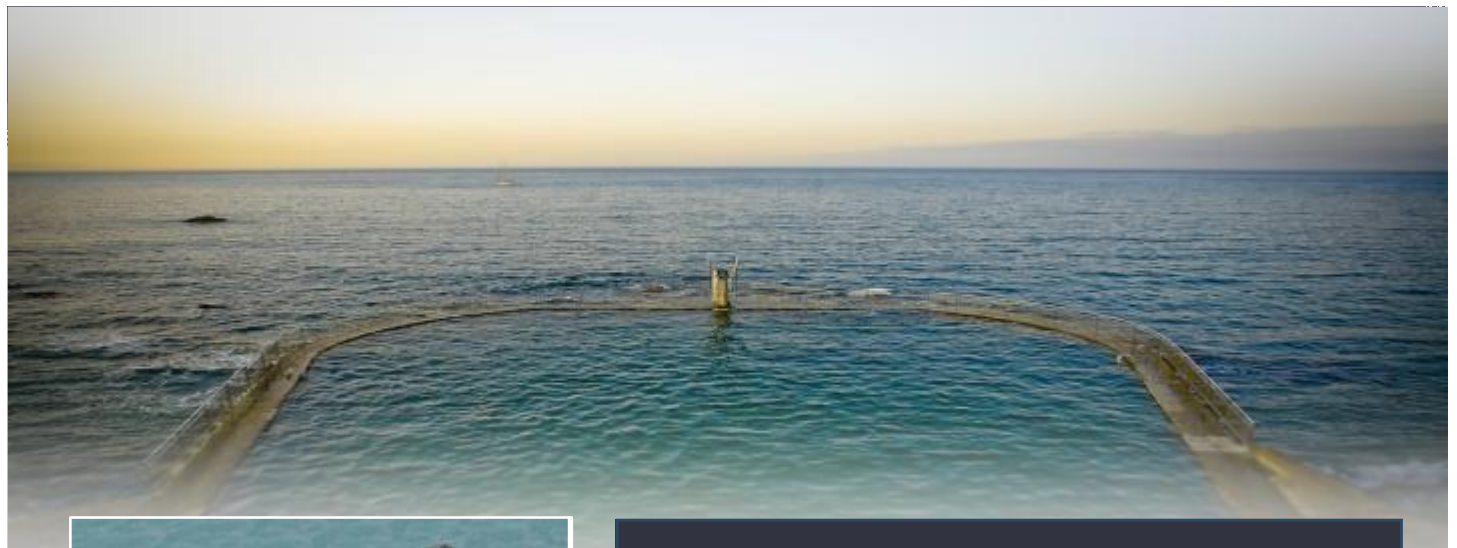
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MODEL	DESCRIPTION	DIMENSION
FLB - R120D - 1.5	Consist of Alum. Pipe Ø 120mm.	Pipe size : 120mm Ø x 1.5m (L) Netting size : 6m (L) x 1.5m (W)
FLB - R120D - 2	Consist of Alum. Pipe Ø 120mm.	Pipe size : 120mm Ø x 2m (L) Netting size : 6m (L) x 2m (W)
FLB - R120D - 3	Consist of Alum. Pipe Ø 120mm.	Pipe size : 120mm Ø x 3m (L) Netting size : 6m (L) x 3m (W)
FLB - S100 - 1.5	Consist of Alum. SHS 100mm x 100mm.	Section size : SHS 100mm x 1.5m (L) Netting size : 6m (L) x 1.5m (W)
FLB - S100 - 2	Consist of Alum. SHS 100mm x 100mm.	Section size : SHS 100mm x 2m (L) Netting size : 6m (L) x 2m (W)
FLB - S100 - 3	Consist of Alum. SHS 100mm x 100mm.	Section size : SHS 100mm x 3m (L) Netting size : 6m (L) x 3m (W)
FLB - S80 - 1.5	Consist of Alum. SHS 80mm x 80mm.	Section size : SHS 80mm x 1.5m (L) Netting size : 6m (L) x 1.5m (W)
FLB - S80 - 2	Consist of Alum. SHS 80mm x 80mm.	Section size : SHS 80mm x 2m (L) Netting size : 6m (L) x 2m (W)
FLB - S80 - 3	Consist of Alum. SHS 80mm x 80mm.	Section size : SHS 80mm x 3m (L) Netting size : 6m (L) x 3m (W)



1 FLOATING LINEAR BARRIER
TYPICAL SECTION N.T.S.

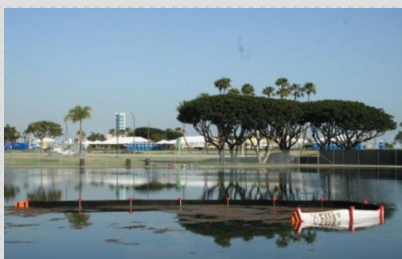


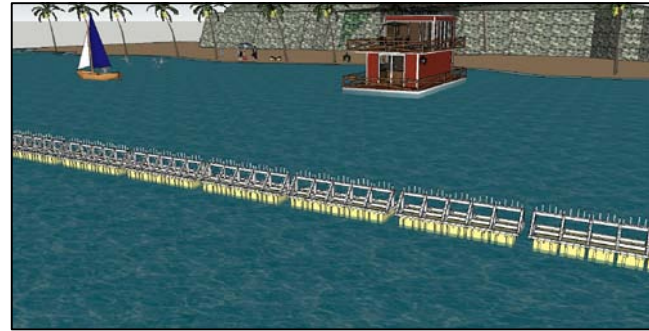
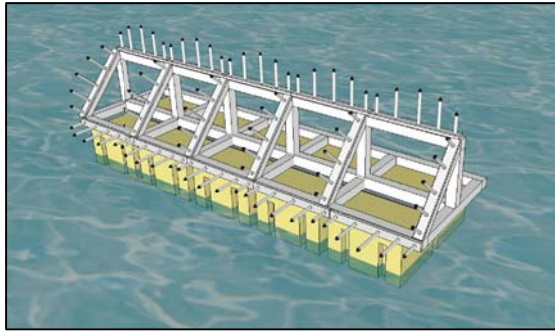


Floating Fence Structures (FFS)

In some facilities such as ICQ complexes, cruises ship terminal, pump stations; it may be necessary to stop trespassing of individuals or more effective measure of preventing theft or vandalism.

The need arised to marking clear demarcation of border with incorporation of marine lanterns or luminous tape lines with warning signboard, therefore allowing security forces unquestioned define of border control and also afford them a clear view through the barriers.





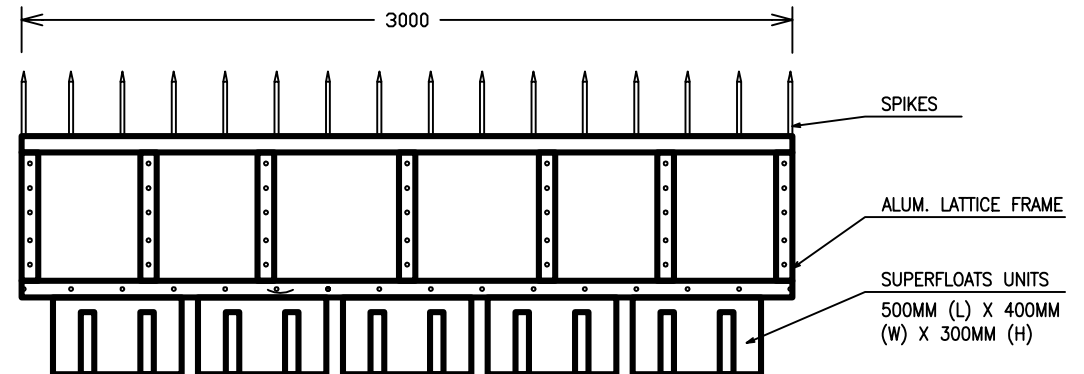
Superfloats Floating Fence Structures (FFS)

Used as an aqua fence, security floats are used to prevent anyone from crossing the barrier. Built from quality products, some security barriers have walls extending from its surface. By linking together, the security floats can protect locations near the coast preventing boats from entering into its private domain. Examples of its uses include protecting military bases from any enemy watercraft and preventing people from entering private cruises.

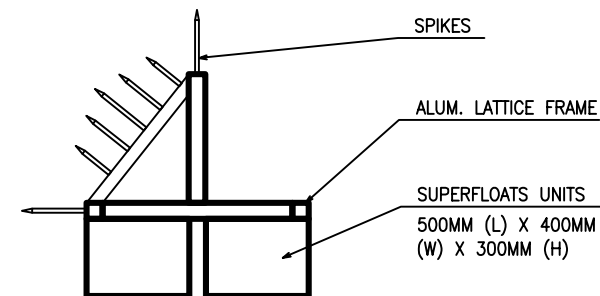
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MODEL	DESCRIPTION	DIMENSION
FFS-S-543-3M	Consist of 10 nos. of 500 mm (L) x 400 mm (W) x 300 mm (H) floats	3000 mm (L) x 900 mm (w)

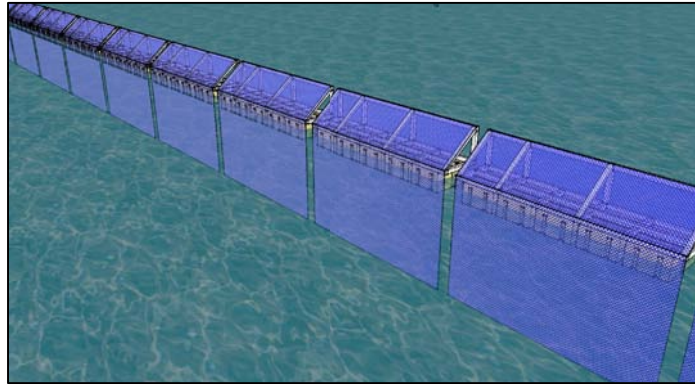
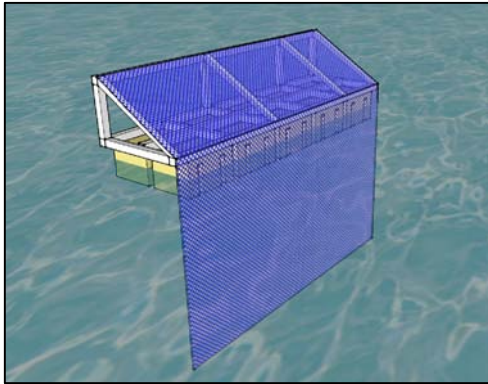


1 SUPERFLOATS FENCE
- TYPICAL SECTION N.T.S.



2 SUPERFLOATS FENCE
- TYPICAL SECTION N.T.S.





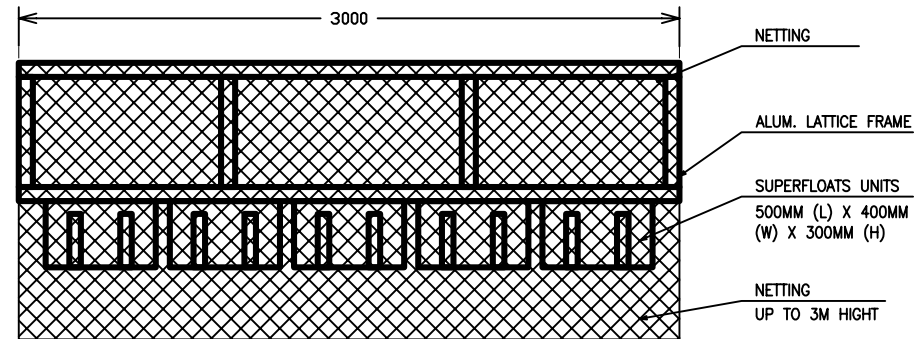
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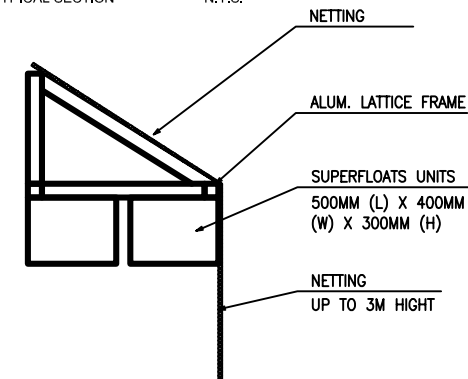
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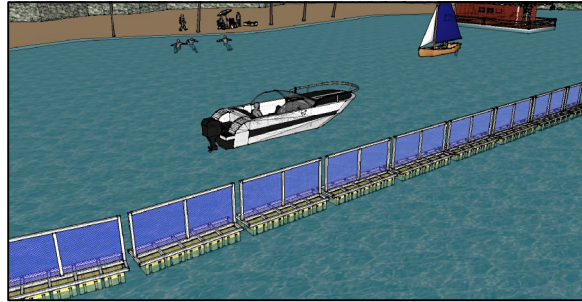
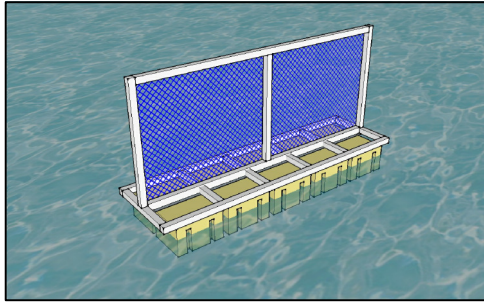


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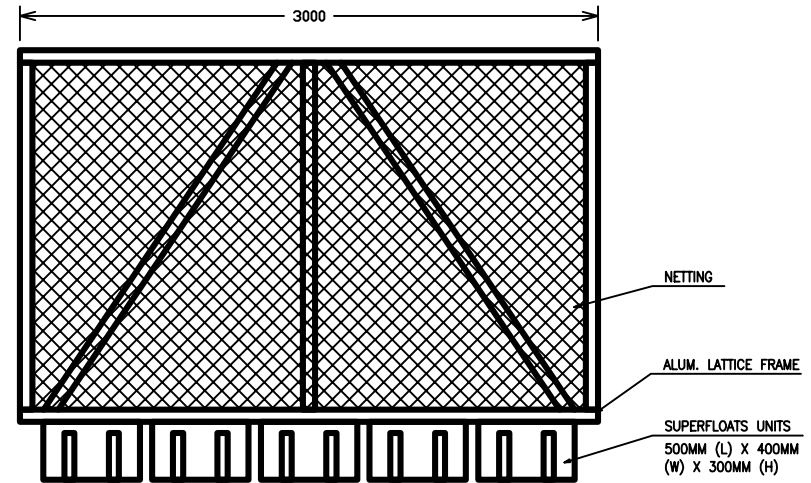
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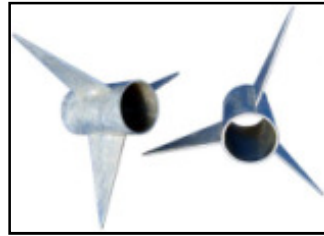
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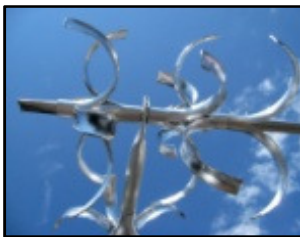
1 TRIANGLE

Triangle type is a rotating anti climbing spike barrier designed to be installed above any existing fence. Rotating around a central spindle, the individual three spiked tri-wing collars can be assembled to form a barrier of any length.



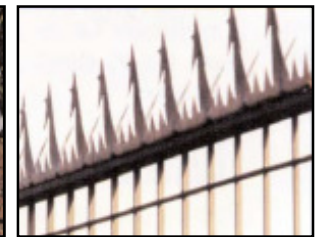
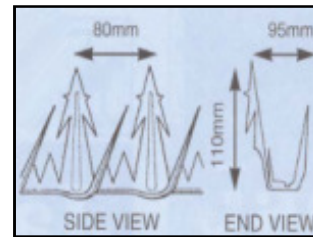
4 ROLLER

Roller Barrier consists of a series of independently rotating cups mounted on a central shaft (extruded aluminium tube) and supported at 2 metre intervals with suitable brackets. Shaft lengths can be quickly and easily joined together using a joining spigot, to form longer runs (or cut to shorter lengths if required).



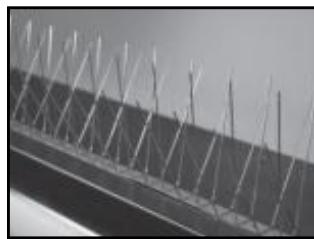
2 ALL ROUND

This is a versatile anti climb system, that's simple to install and designed to offer years of maintenance free service. The system consists of a series of rotating aluminium vanes which fit onto a central shaft, which itself is supported at intervals by fixing brackets.



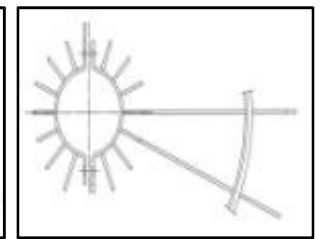
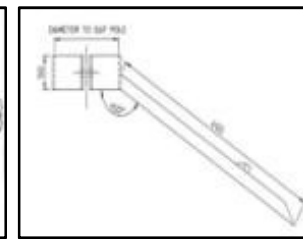
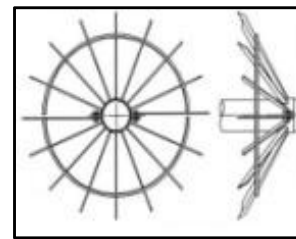
5 RAZOR

The three dimensional design of Razor Spike provides greater volume, superior strength and makes it an excellent physical and psychological barrier.



3 SPIKE

Clear polycarbonate base and thin stainless steel rods are nearly invisible even from short distances.



6 COLLAR

Anti climb guard for circular poles, columns and brackets.

