



Fayetteville, NC



Modular Structure Detention / Holding Cell

MODULAR COMPOSITE SHELTER SYSTEM (MCSS)

SSU's MCSS detention/holding cell provides a cutting edge design and lightweight composite materials with strong yet simple attaching hardware to provide a structure that is fully modular and can be moved at a later date to another location as required. This entire structure weighs approximately 600lbs, making it easy to move and assemble.

Features:

- ◆ Fully modular, no tools required for assembly
- ◆ All weather, marine grade, no maintenance required
- ◆ Stacked height of disassembled panels is 20 inches
- ◆ Lightweight panel design (each 7' x 7' panel weighs less than 100 pounds)
- ◆ Can withstand excess of 100 mph steady state winds and gusts 120 mph
- ◆ Passed the ASTM Test Method E-84 Class II standard 25/75 Flame Spread Test
- ◆ Tamper proof recessed lighting and internal floor

Base Structure Dimensions: Exterior / Interior:

- ◆ 84" Depth / 77" Depth
- ◆ 84" Width / 77" Width
- ◆ 94.5" Height / 84" Height

Strategic Solutions Unlimited, Inc.
UEI: 807784462
CAGE: 4W4R1

Panel Composition

- ◆ 3.5" thick panels with the structural rigidity and durability necessary to function in the most challenging environments.
- ◆ Kevlar skin is treated with a UV inhibitor, colored pigment gel coat providing UV protection for the life of the shelter.
- ◆ MCSS panel composite provides strength, stiffness, and high toughness (i.e. impact, puncture, and abrasion resistance).
- ◆ R value of R16

Attaching Hardware

- ◆ Stainless steel twist lock fastening hardware.
- ◆ Beveled cuts on attaching point recesses, along with the overlapping panel design and bulb weather seals protect against water penetration.



Mechanicals

Electrical

- ◆ Fully pre-wired according to client's needs
- ◆ 100 Amp electrical panel with Hubbell connectors included
- ◆ Configurable to accept 110v or 220v power sources
- ◆ Can accept commercial, generator, or renewable energy sources

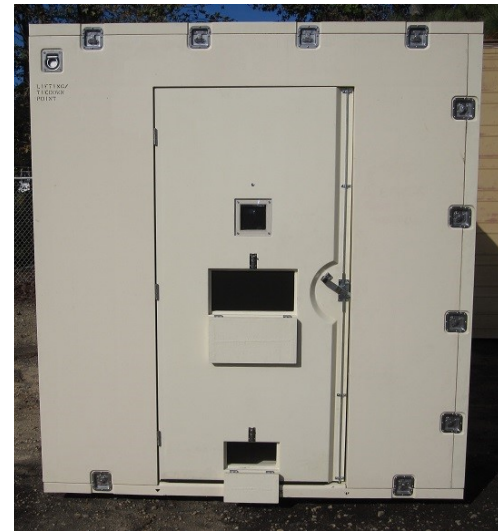


Internal Lighting

- ◆ Tamper proof recessed in roof panel
- ◆ Low power LED lighting
- ◆ 3/4" Lexan protective covering

HVAC Unit

- ◆ Customizable to function with any HVAC system available.



Excellence

Agility

Innovation

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