

## CONTACT US

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<http://mrsi.erd.c.dren.mil.cos.tam.aspx>



## TO OBTAIN ASSISTANCE

The Center of Standardization for Nonpermanent facilities will provide:

- Use of Standard COS Designs at a cost of 2% of Construction PA cost
- Facility standard review at no cost
- UFC compliance review of designs completed by others at fully reimbursable cost
- Site adaptation designs for designed facilities at fully reimbursable cost (can be done by others; however, must be reviewed by COS)



## TO SUBMIT A PACKAGE

### U.S. Postal Service

U.S. Army Corps of Engineers  
Center of Standardization  
ATTN: CETAM-EC-EX (Chief)  
P.O. Box 2250  
Winchester, Virginia 22604-1450

### Federal Express or UPS

U.S. Army Corps of Engineers  
Center of Standardization  
ATTN: CETAM-EC-EX (Chief)  
201 Prince Frederick Drive  
Winchester, Virginia 22602

# Center of Standardization for Nonpermanent Facilities



Engineering Solutions for the Nation's Toughest Challenges



US Army Corps of Engineers®

**BUILDING STRONG**

**OUR VISION**

Eliminate the adage - if you have sen one FOB you've seen one FOB. We are dedicated to eliminating the custom design paradigm of designing a unique facility to perform a single mission

**OUR MISSION**

Our mission is to ensure UFC compliance of all non permanent facilities and the safety of existing facilities in support of military operations; while meeting current and future contingency operational needs.

We maintain a library of nonpermanent facility standards for use world wide and create designs based upon these standards.

**OUR GUIDING PRINCIPLES**

- Maximizing use of local materials and methods
- Minimizing use of heavy equipment
- Elimination of fire sprinklers
- Troop constructability
- Minimizing maintenance inventory
- Non-load bearing interior walls

**SERVICES WE OFFER**

- Functional space analysis to match customer needs to Center of Standardization designs
- Ballistically protected facilities
- Facility envelope designs available in a range of materials
- Base camp layouts utilizing standards building designs
- Full construction estimates and itemized material listings for each facility and copund design
- Custom designs based on COS standard designs
- Model for 3D printing
- High resolution 3D modeling/animation
- Compliance reviews per ECB No. 2016-18 to ensure life safety in accordance with UFC 1-201-01

**COS PROGRAM CONSTRUCTION LEVELS**

Initial - Up to 6 Months

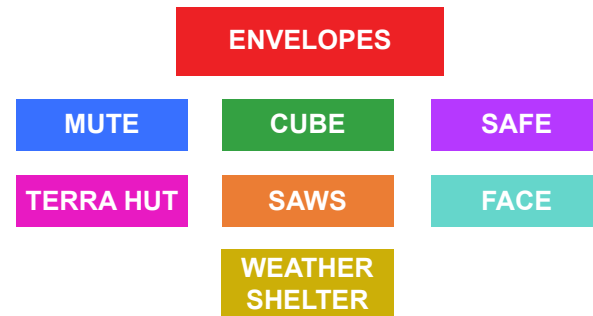
- Facility site layout

Temporary - 6 Months to 5 Years

- Life expectancy up to 5 years
- Low-cost construction
- Minimal facility
- Maintenance is a secondary concern

Semi-Permanent - 6 Months to 25 Years

- Life expectancy up to 25 years; with maintenance
- Facilities can have integral ballistic protection



- MUTE**  
Multi Use Tall Envelope  
Single story metal frame
- CUBE**  
Common Uniform Building Envelope  
Single story panelized modular facility
- SAFE**  
Standard Adaptive Facility Envelope  
Single or two story structure with integral ballistic protection
- TERRA HUT**  
Tactically Earthen Rapidly Raised Assembly Hut  
Single story constructed with onsite soil
- SAWS**  
Standard Adaptive Wood Structure  
Single or two story wood structure
- FACE**  
Four Area CMU Envelope  
Single story CMU envelope with direct fire protection
- Weather Shelter**  
Single story Hangar or Warehouse with metal and concrete construction

**LIBRARY OF STANDARD DESIGNS**

All facilities are designed with the flexibility to be either elongated or shortened by the standard “bay” length and are based on the same size for flexibility to meet all mission requirements. Select a facility envelope and interior layout from available standard designs or create your own.

All CoS facility standard designs are compliant with UFC 1-201-01, Non-Permanent Facilities in support of Military Operations.

**INTERIOR LAYOUT READY FOR USE**

**Medical**

- Troop Medical Center
- ROLE - 1
- ROLE - 2
- ROLE - 2 +
- Blood Storage

**Services**

- Laundry
- MWR
- Physical Fitness Center
- Barber Shop
- Exchange
- Post Office
- Religious Facility
- Fire Station
- Security
- ECP
- Search House
- Tactical Equipment Maintenance Facility

**Operations**

- Administration
- Armory
- HQ
- Logistics
- Aircraft
- Warehouse
- Weather Shelter
- Tactical Operations Center
- Joint Operations Center

**Life Support**

- Barracks
- Cold Storage
- Dining
- Latrine

**Reduced Design Cost**  
CoS Standard Design: 2% of PA  
Compared to-  
New Design: 6-10% of PA



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