FIRE FACILITIES
STEEL FIRE TRAINING TOWERS®



MAKE TRAINING COUNT



Proudly Made in the U.S.A.

TACTICAL
TRAINING SYSTEMS

Your Job Is Saving Lives And Protecting Property.
Our Job Is Designing a Realistic Training Environment.

Nothing prepares firefighters for actual fire fighting action better than training in a Fire Facilities fire training tower. Our towers and burn rooms are designed for safe, hands-on, live fire training. No one works with you to design and build a training environment customized to your needs like the team at Fire Facilities will.

We Make It Real

Training under live fire conditions simulated in our fire training towers better prepares your department to protect lives and property. With models ranging from mobile to high-rise, our fire training towers provide realistic training for a variety of exercises including:

- Hose advancement
- Fire attack
- Ventilation
- Search and rescue
- Laddering and rappelling
- Roof penetration
- Confined space exercises
- High-angle rescue operations
- Other specialized training simulations such as helicopter deployment

All towers are equipped with live burn rooms with patented Westec® Insulation System, Scout Temperature Monitoring System, Roof chop-out curb, interior doors and stairs, window openings with galvanized steel shutters, and architecturally pleasing steel siding.

Available options include:

- Multiple burn rooms/areas
- Balconies and exterior stairs
- Caged ladders and elevator shafts
- Siamese fire department connections
- Propane and sprinkler systems
- Swivel rappel anchors
- Chop-outs, hatches, stairs, ladders
- Smoke distribution system
- Specialized props, platforms, and rigging
- Movable/slidable partition panels
- Mortarless brick facade

We can customize any of our models to suit your specific training needs. Our in-house engineering department with resident professional engineers can also design a new tower based entirely on your ideas. Either way, we can create a fire training tower to prepare your firefighters for the unique challenges of your community.

We Make It Safe

The safety of your firefighters is our number one concern. We understand the hazards of live fire training. That's why we assure the highest standards of personal safety, in accordance with IBC/NFPA 1402 standards, are designed into every fire training tower we build, including features like:

- Structural loading and steel gauges which exceed commercial standards
- Flat exterior wall panels designed to make laddering and rappelling safe and realistic
- Beveled roof and window trim
- Flat roof, floor, and deck surfaces
- Bar grate on stairs and platforms for sure footing
- 42" high windowsills to prevent accidental falls
- Adequate burn room dimensions for realism and safety
- Temperature monitors assure proper heat control in burn areas

Fire Facilities' steel fire training towers allow you to experience realistic fire training simulations without risking the safety of your department.

We Make It Expandable

Your training needs may change over time. Your Fire Facilities fire training structure can be modified and/or expanded to meet these needs. The structure of our buildings accommodates future additions more readily than concrete structures or other steel building systems.

We Make It Affordable

- Leasing periods from 3 to 15 years.
- Spreads the cost of a training structure over a number of years instead of a single-year budget outlay.
- Flexible payment structure including monthly, quarterly, semiannual, and annual options.
- Competitive tax exempt rates for qualified applicants.

We Make It Here

We take pride in designing and manufacturing our products in the United States, with domestically sourced materials. Your purchase supports the domestic economy.

Our steel fire training towers are built to train hard, built to train right.
To find out more, contact us at 800-929-3726 or visit our website at www.firefacilities.com.

THE READY-SET-GO

AFG Eligible

The Ready-Set-Go is a pre-assembled portable fire training unit. The unit features a 24' long burn room and nearly 8' storage area. Completely factory assembled for delivery on a flatbed trailer, the Ready-Set-Go does not require a foundation, slab and/or specific site preparation or field erection. A built-in leveling system allows for placement on uneven surfaces.

All doors/shutters are operational from both sides.

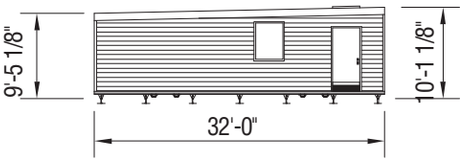
Burn Room:

3 Head Sprinkler System with 1-½" Connection

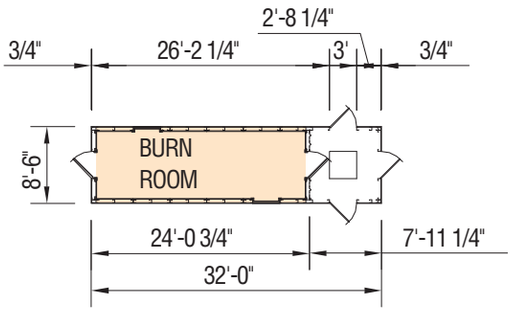
**Includes Patented Westec® Insulation System and Scout Temperature Monitoring System*

Unit:

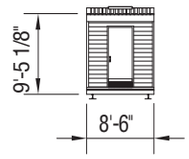
Outside	32'L x 8' 6"W x 10' 1-⅛"H
Burn Room	24'L x 8'6"W x 10' 1-⅛"H
Storage	7' 10-½"L x 8' 6"W x 10' 1-⅛"H
Weight	16,000 lbs.
Roof	18-Gauge Steel, Live Load 100 PSF
Framing	16-Gauge Steel "C" Studs, 24" o.c.
Deck	11-Gauge Steel Tread Plate, Live Load 100 PSF
Exterior	18-Gauge Steel, Painted
Hatch	3' x 3' Chop-Out Curb with Steel Cover
Doors	(5) 3' x 7'
Shutters	(2) 3' x 4'
Levelers	(14) Manual Adjustment, 9" Maximum Adjustment
Lift Pockets	(4) Tubular



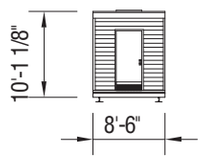
SOUTH SIDE ELEVATION



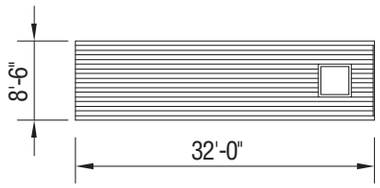
FLOOR PLAN



WEST END ELEVATION

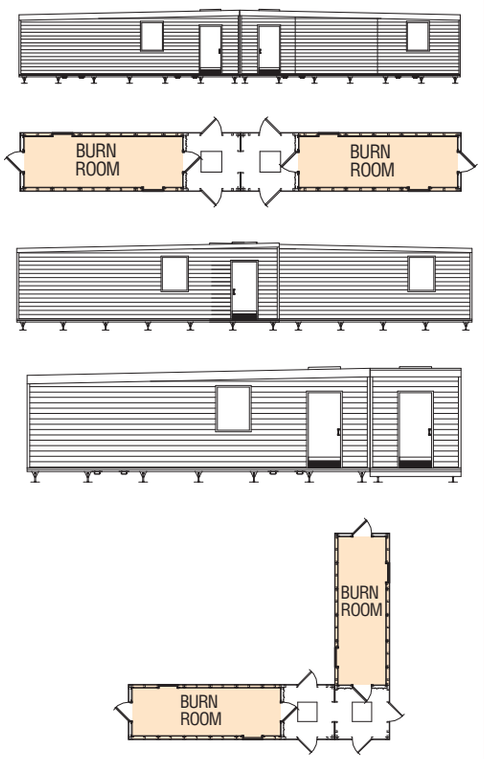


EAST END ELEVATION



ROOF PLAN

Multiple Ready-Set-Go units may be joined to create several different configurations for maximum training experience.





Decherd, Tennessee



THE MOBILE TRAINEE

AFG Eligible

The Mobile Trainee is a portable fire training unit featuring a burn room. Complete with a trailer and leveling feet, the Mobile Trainee allows fire service instructors to conduct live Class A or B fire evolutions at multiple locations.

All doors/shutters are operational from both sides.

Trailer:

Gooseneck Cargo Van
GVWR: 21,000 lbs.
O.A.L.: 30' 8-¼"
O.A.W.: 8' 6"
O.A.H.: 12' 8-⅝"
Floor Heights from Grade: 2' 11⅝"
Axles: (3) 7,000 lbs., Dexter
Wheels: (6) 16" Rims
Tires: (6) 235/85R, 10 Ply
Hitch: 2" King Pin, Adjustable
Brakes: Electric, Each Axle
Levelers: (2) 2-Speed Double Leg, 50,000 lbs.
Structural Steel Framing 24" on Center
Formed Trailer Cross Members: 12" on Center

Body:

16-Gauge Steel Wall & Ceiling Framing
Prepainted Steel Exterior, 18-Gauge
11-Gauge Steel Tread Floor Plate
18-Gauge Box Ribbed Steel Roof
(3) Entrance Doors with Removable Stairs
(5) 3' x 4' Window Openings with Steel Shutters
(1) 4' x 4' Roof Curb
(1) 2'6" x 3' Bilco Roof Chop-Out Hatch
Front Storage Area with Cargo Door
Lights: Running, Parking, Turning and Brake

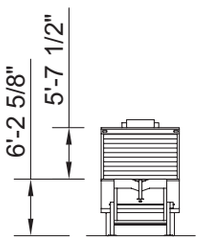
Burn Room:

25' 8-¼"L x 8' 6"W x 8' 10-½"H
3-Head Sprinkler System with 1 ½" Connection

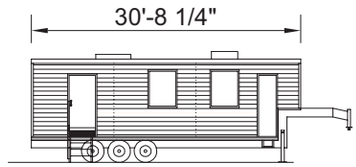
**Includes Patented Westec® Insulation System and Scout Temperature Monitoring System*

Extended Sizes:

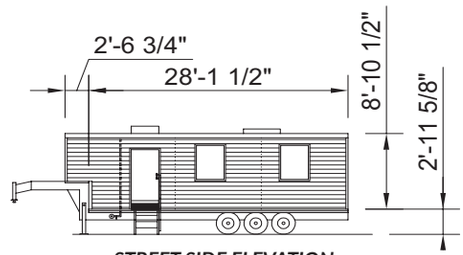
For greater training flexibility, extended size mobile burn room trainers are available up to 53'. They can allow for larger burn rooms, basement fire simulation, additional storage, or they may provide the needed space to house the mechanical systems for available propane prop systems.



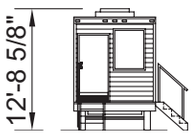
FRONT END ELEVATION



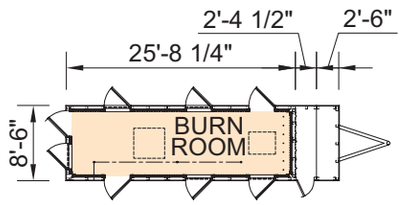
CURB SIDE ELEVATION



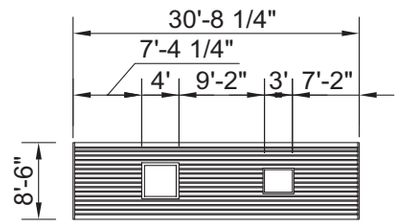
STREET SIDE ELEVATION



REAR END ELEVATION



FLOOR PLAN



ROOF PLAN


Jefferson City, Missouri


Williston, North Dakota

VOLUNTEER 1

The Volunteer 1 is a single-story structure that represents a single-story residence with an attached garage. Exercises may be conducted anywhere in the building.

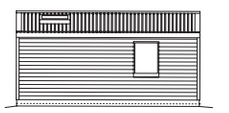
All doors and shutters are operational from both sides.



Lebanon, Oregon

Tower:
16'L x 24'W x 9'H
10° Single Pitch Roof
18-Gauge Steel Roof Panels
Roof Live Load: 70 PSF
Wind Load: Per Local Codes
(1) 3' x 7' Exterior Steel Door
(1) 8' x 7' Exterior Double Leaf Steel Door
(1) 3' x 7' Interior Steel Door
(3) 3' x 4' Window Openings with Steel Shutters
(1) 4' x 4' Roof Chop-Out Curb
(1) Interior Room with 8' x 7' Double-Door Opening
(1) Burn Room with 3' x 7' Door Opening

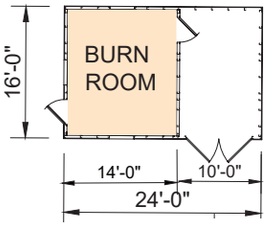
**Includes Patented Westec® Insulation System and Scout Temperature Monitoring System*



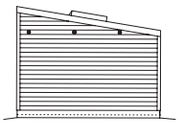
NORTH SIDE ELEVATION



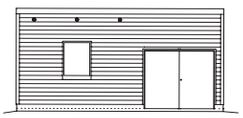
WEST END ELEVATION



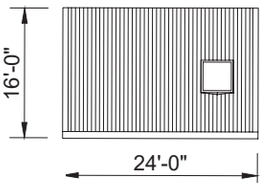
FLOOR PLAN



EAST END ELEVATION



SOUTH SIDE ELEVATION



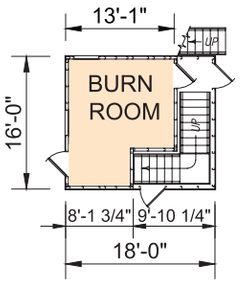
ROOF PLAN

Features:
Burn Room with Three Window Openings with Steel Shutters, Fully Rated Working Deck, 4' x 4' Chop-Out Curb

VOLUNTEER 2

The Volunteer 2 is a two-story structure that features a first floor burn room. The tower offers several options for entry.

All doors and shutters are operational from both sides.



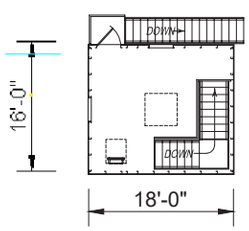
FIRST FLOOR PLAN



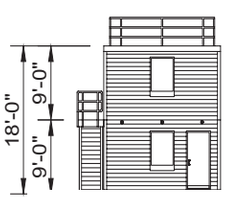
Bardwell, Kentucky

Tower:
18'L x 16'W x 18'H
Flat Roof
18-Gauge Steel Roof Panels and Roof Rail System
Roof Live Load: 70 PSF
Wind Load: Per Local Codes
Deck Live Load: 70 PSF
Exterior Fire Escape to 2nd Floor
Interior Stair to 2nd Floor
Interior Fixed Ladder, 2nd Floor to Roof
(1) 3'-6" x 4'-3" 2nd Floor Balcony
(3) 3' x 7' Exterior Steel Doors
(1) 3' x 7' Interior Steel Door
(4) 3' x 4' Window Openings with Steel Shutters
(1) 4' x 4' Roof Chop-Out Curb
(1) Rappelling Anchor
(1) Burn Room with 3' x 7' Door Opening

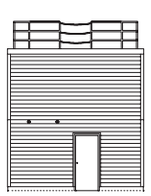
**Includes Patented Westec® Insulation System and Scout Temperature Monitoring System*



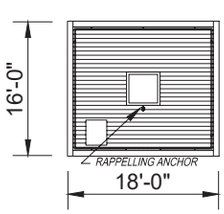
SECOND FLOOR PLAN



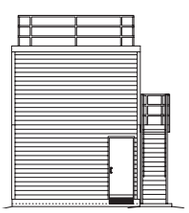
WEST END ELEVATION



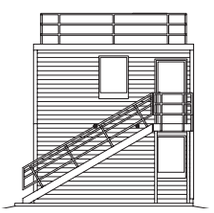
SOUTH SIDE ELEVATION



ROOF PLAN



EAST END ELEVATION



NORTH SIDE ELEVATION

Features
First Floor Burn Room, Interior Stairs to Second Floor, Second Level Balcony, 4' x 4' Chop-Out Curb, 2'-6" x 3' Bilco Roof Hatch, Exterior Fire Escape

THE TRAINEE

The Trainee is a single-story fire training building consisting of four rooms, one of which is a burn room. The Trainee's house-like appearance offers basic functionality for live fire training, namely its pitched roof for roof exercises.

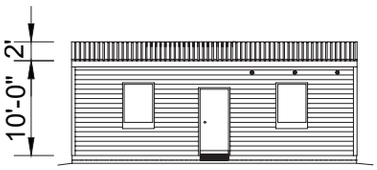
All doors/shutters are operational from both sides. Stairs and railings meet IBC/NFPA 1402 standards.



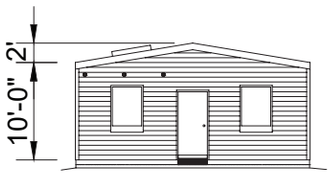
Building:

24'L x 30'W x 10'H
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
(4) 3' x 7' Exterior Steel Doors
(4) 3' x 7' Interior Steel Doors
(8) 3' x 4' Window Openings with Steel Shutters
(1) 4' x 4' Roof Chop-Out Curb
(4) Interior Rooms
(1) Burn Room

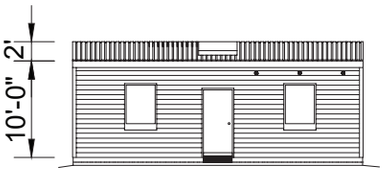
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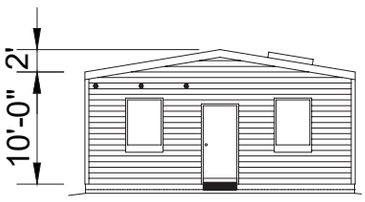
NORTH SIDE ELEVATION



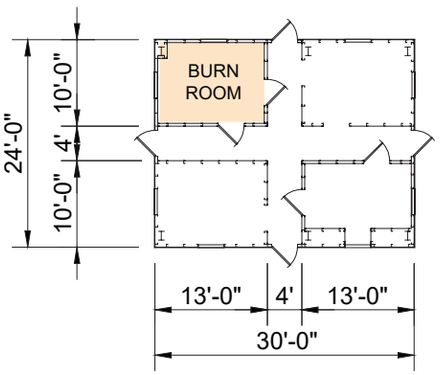
EAST END ELEVATION



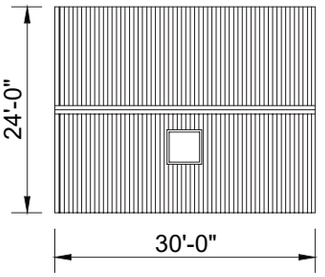
SOUTH SIDE ELEVATION



WEST END ELEVATION



RESIDENCE FLOOR PLAN



RESIDENCE ROOF PLAN



Decatur, Illinois



Cleveland, Mississippi

THE PROBIE

The Probie design features a first and second floor, as well as an attic. An interior fixed ladder provides access to the attic from the second floor. At a height of 25', the Probie supports rappelling and laddering. In addition, its sloped roof is ideal for various roof exercises.

All doors/shutters are operational from both sides.
Stairs and railings meet IBC/NFPA 1402 standards.

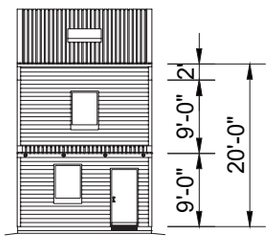
Burn Room Annex:

14'L x 16'W x 9'H
Roof: ½" in 12" Single Pitch
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
(1) 3' x 7' Exterior Steel Door
(3) 3' x 4' Window Openings with Steel Shutters

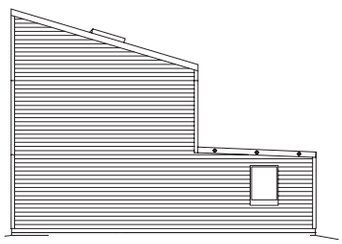
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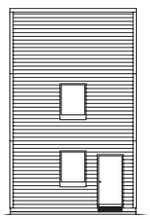
Tower:

22'L x 16'W x 25'H
16° Single Pitch Roof
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
Deck Live Load: 100 PSF
Interior Stair to 2nd Floor
Interior Fixed Ladder, 2nd Floor to Attic
(1) 3' x 7' Exterior Steel Door
(1) 3' x 7' Interior Steel Door
(6) 3' x 4' Window Openings with Steel Shutters
(1) 4' x 4' Roof Chop-Out Curb
(1) Drywall Curb



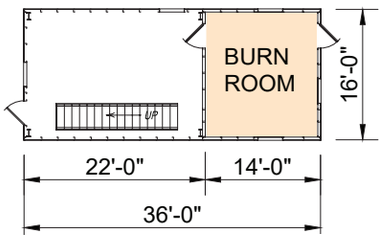
NORTH END ELEVATION


EAST SIDE ELEVATION

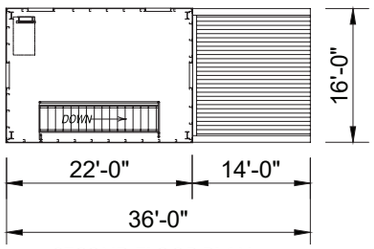

SOUTH END ELEVATION



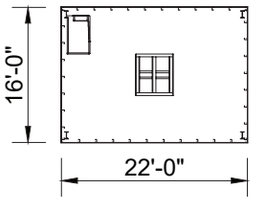
WEST SIDE ELEVATION



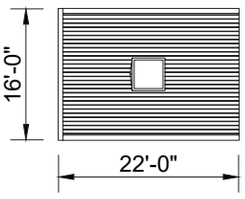
FIRST FLOOR PLAN



SECOND FLOOR PLAN



ATTIC FLOOR PLAN



TOWER ROOF PLAN


Nokomis, Florida


Heyworth, Illinois


Boyce, Louisiana

THE BATTALION CHIEF

The Battalion Chief is a two-and-a-half-story training structure with four working deck levels. Its design resembles a residence with its double-door entrance, two floors with L-shaped stairs, usable attic, gabled shutters, and burn room annex (garage). The burn room offers two exits, one to the interior of the tower and the other to the exterior.

All doors/shutters are operational from both sides.
Stairs and railings meet IBC/NFPA 1402 standards.

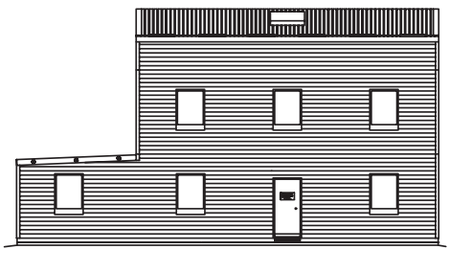
Burn Room Annex:

14'L x 22'W x 10'H
Roof: ½" in 12" Single Pitch
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
(1) 3' x 7' Exterior Steel Door
(3) 3' x 4' Window Openings with Steel Shutters

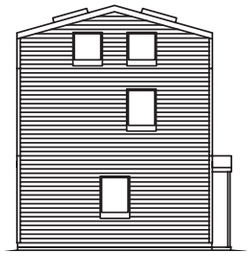
Residential Section:

35' 4"L x 22'W x 27'H; Ridge: 24' Eave
16° Gable Roof
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
Deck Live Load: 100 PSF
Interior "L" Shaped Stair to 2nd Floor
(1) 3' x 7' Exterior Steel Door
(1) 6' x 7' Exterior Double Leaf Steel Door
(1) 3' x 7' Interior Steel Door
(12) 3' x 4' Window Openings with Steel Shutters
(1) 6' x 4' Window Opening with Steel Shutter
(4) 3' x 4' Gable Steel Shutters
(2) 4' x 4' Roof Chop-Out Curbs
(2) Drywall Curbs

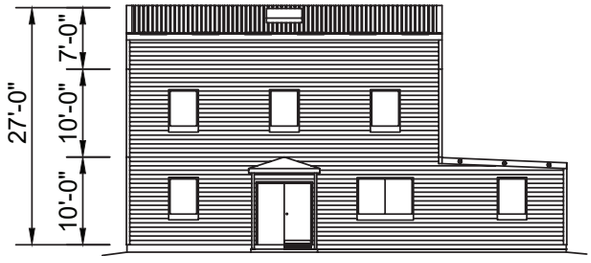
**Includes Patented Westec® Insulation System and Scout Temperature Monitoring System*



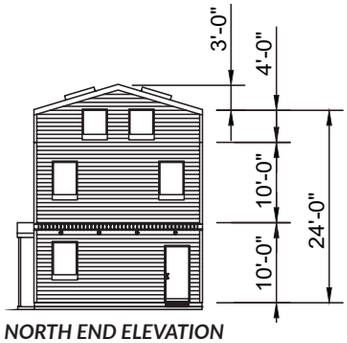
WEST SIDE ELEVATION



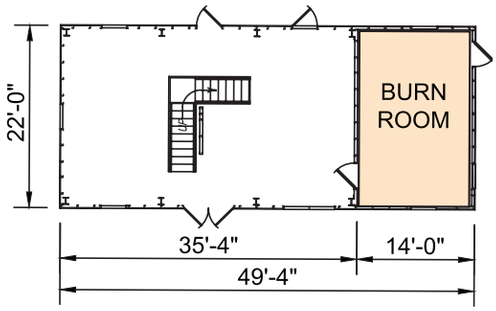
SOUTH END ELEVATION



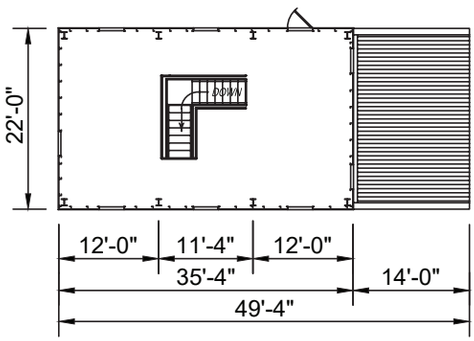
EAST SIDE ELEVATION



NORTH END ELEVATION



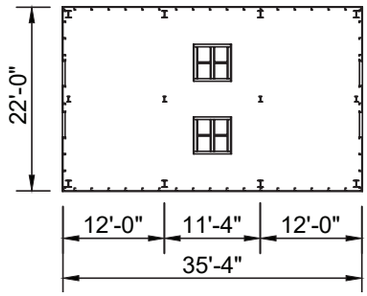
FIRST FLOOR PLAN



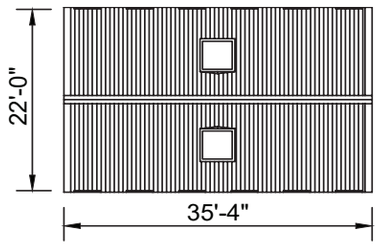
SECOND FLOOR PLAN



Lake Placid, New York



ATTIC FLOOR PLAN

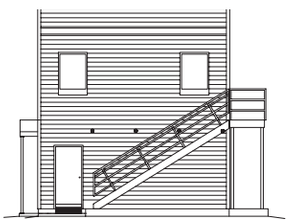


RESIDENCE ROOF PLAN

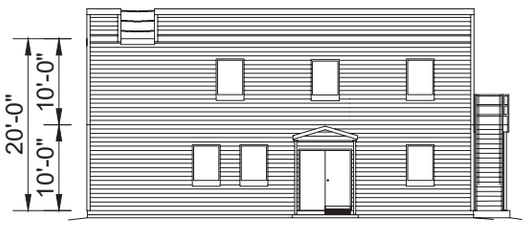
THE HALL CRAWLER

The Hall Crawler is a two-story tower with access to the roof. Exterior stairs on the second floor lead to a balcony accessing three interior rooms, providing an apartment building or hotel/motel-like rescue. The Hall Crawler's two burn rooms and one corner burn area allow fire departments maximum flexibility in the training structure.

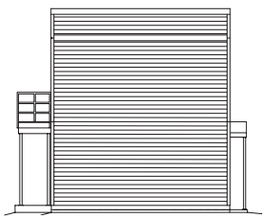
All doors/shutters are operational from both sides.
Stairs and railings meet IBC/NFPA 1402 standards.



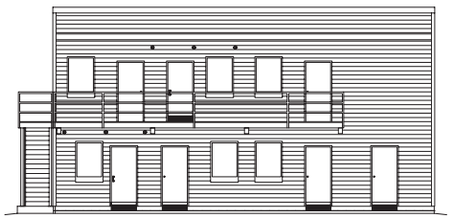
NORTH END ELEVATION



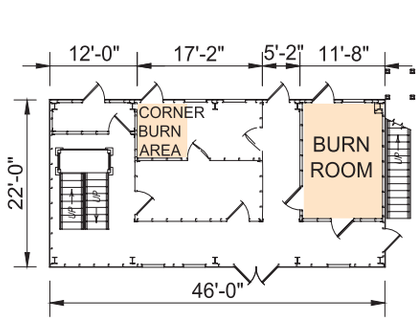
EAST SIDE ELEVATION



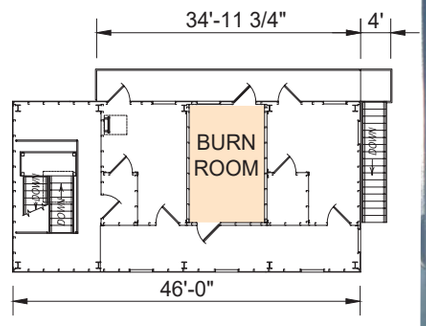
SOUTH END ELEVATION



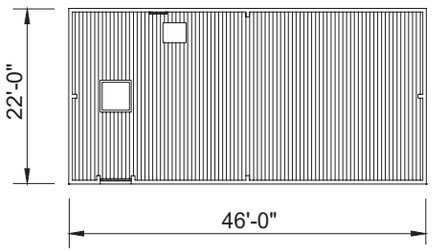
WEST SIDE ELEVATION



FIRST FLOOR PLAN



SECOND FLOOR PLAN



ROOF PLAN

Building:

46'L x 22'W x 20'H
Flat Roof
Roof Live Load: 100 PSF
Deck Live Load: 100 PSF
Wind Load: Per Local Codes
Parapet Roof Guard with Chained Opening
Exterior 2nd Floor Cantilevered Balcony 39' x 4'
Exterior Stair to 2nd Floor
Interior "U" Shaped Stair to 2nd Floor
Interior Fixed Ladder, 2nd Floor to Roof
(8) 3' x 7' Exterior Steel Doors
(1) 6' x 7' Exterior Steel Door
(13) 3' x 7' Interior Steel Doors
(14) 3' x 4' Window Openings with Steel Shutters
(1) 4' x 4' Roof Chop-Out Curb
(1) Roof Hatch
(4) 1st Floor Rooms (1 Burn Room & 1 Corner Burn Area)
(5) 2nd Floor Rooms (1 Burn Room)

**Includes Patented Westec® Insulation System and Scout Temperature Monitoring System*





Mehlville, Missouri



Wasilla, Alaska

THE FIREFIGHTER

The Firefighter's design is similar to The Probie but offers an additional story for enhanced training. This three-and-a-half-story fire training tower with five working deck levels includes a burn room with two exits, interior stairs, fixed ladder, and a roof-mounted chop-out curb.

All doors/shutters are operational from both sides.
Stairs and railings meet IBC/NFPA 1402 standards.

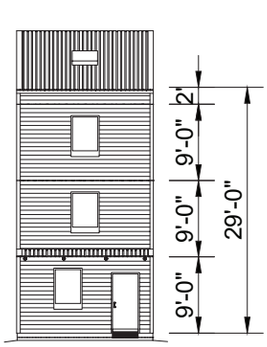
Burn Room Annex:

14'L x 16'W x 9'H
Roof: ½" in 12" Single Pitch
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
(1) 3' x 7' Exterior Steel Door
(3) 3' x 4' Window Openings with Steel Shutters

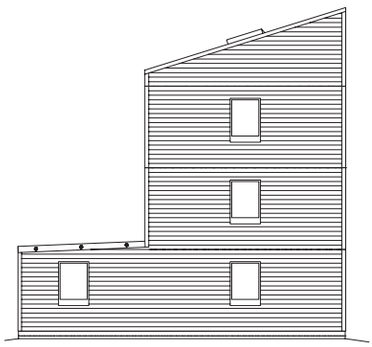
**Includes Patented Westec® Insulation System and Scout Temperature Monitoring System*

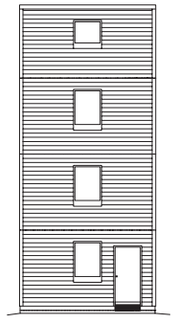
Tower:

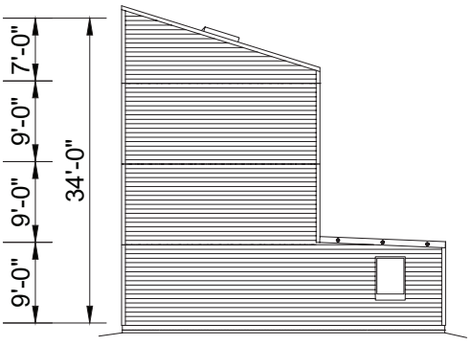
22'L x 16'W x 34'H
16° Single Pitch Roof
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
Deck Live Load: 100 PSF
Interior Decks: 2nd, 3rd, and Attic
Interior Stair to 3rd Floor
Interior Fixed Ladder, 3rd Floor to Attic
(1) 3' x 7' Exterior Steel Door
(1) 3' x 7' Interior Steel Door
(8) 3' x 4' Window Openings with Steel Shutters
(1) 2-½' x 3' Window Opening with Steel Shutters
(1) 4' x 4' Roof Chop-Out Curb



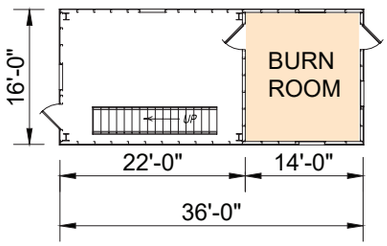
NORTH END ELEVATION


WEST SIDE ELEVATION

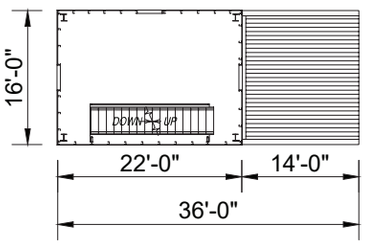

SOUTH END ELEVATION



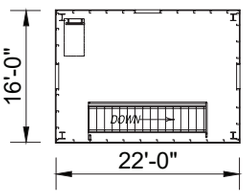
EAST SIDE ELEVATION



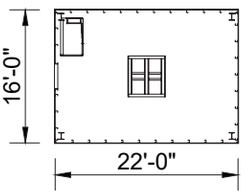
FIRST FLOOR PLAN



SECOND FLOOR PLAN



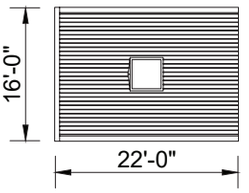
THIRD FLOOR PLAN



ATTIC FLOOR PLAN


Corpus Christi, Texas


Jackson, Wisconsin



TOWER ROOF PLAN

THE LIEUTENANT

The Lieutenant is a 34' high tower with a burn room annex. On top of the four-story tower is a parapet roof guard with a chain opening for easy rappelling and roof exercises. The Lieutenant accommodates many tower accessories to transform this basic tower style to a facility tailored to a department's specific training needs.

All doors/shutters are operational from both sides.
Stairs and railings meet IBC/NFPA 1402 standards.

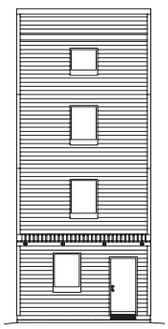
Burn Room Annex:

14'L x 16'W x 9'H
Roof: ½" in 12" Single Pitch
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
(1) 3' x 7' Exterior Steel Door
(3) 3' x 4' Window Openings with Steel Shutters

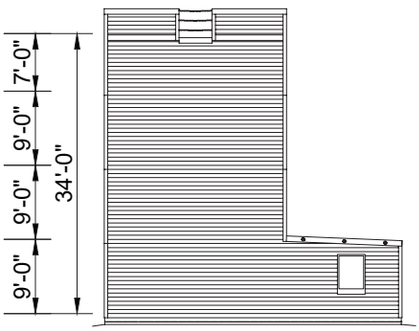
**Includes Patented Westec® Insulation System and Scout Temperature Monitoring System*

Tower:

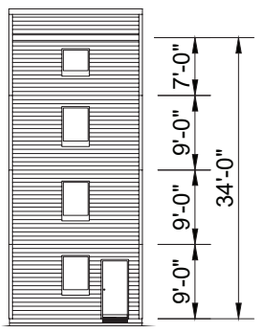
22'L x 16'W x 34'H
Flat Roof
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
Deck Live Load: 100 PSF
Parapet Roof Guard with Chained Opening
Interior Stair to 3rd Floor
Interior Fixed Ladder, 3rd Floor to Attic
(1) 3' x 7' Exterior Steel Door
(1) 3' x 7' Interior Steel Door
(8) 3' x 4' Window Openings with Steel Shutters
(2) 2-½' x 3' Window Openings with Steel Shutters
(1) 4' x 4' Roof Chop-Out Curb
(1) Roof Hatch



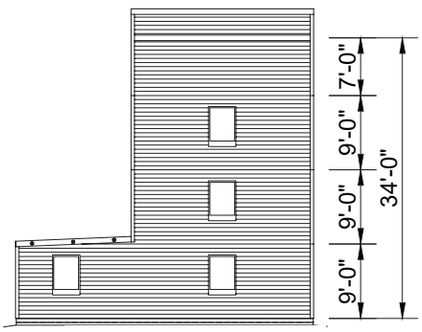
NORTH END ELEVATION



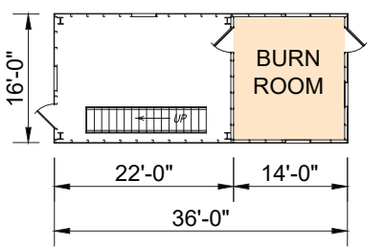
EAST SIDE ELEVATION



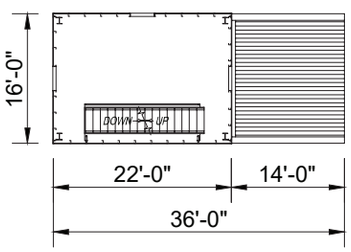
SOUTH END ELEVATION



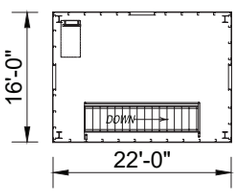
WEST SIDE ELEVATION



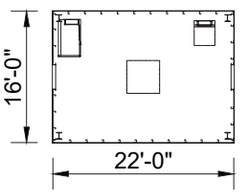
FIRST FLOOR PLAN



SECOND FLOOR PLAN



THIRD FLOOR PLAN



ATTIC/FOURTH FLOOR PLAN



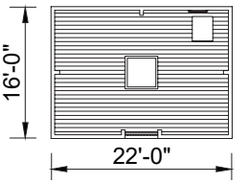
Palmetto, Florida



Cannonsburg, Kentucky



Cleveland, Tennessee



TOWER ROOF PLAN

THE DEPUTY CHIEF

A three-story fire training tower, the Deputy Chief offers four working deck levels. Similar to the Battalion Chief, the Deputy Chief resembles a residential building. However, this facility features a 30' tower, which is ideal for rappelling and laddering. Two burn rooms are standard on this model, one on the first floor and the other on the second floor.

All doors/shutters are operational from both sides.
Stairs and railings meet IBC/NFPA 1402 standards.

Residential Section:

22' 8"L x 22'W x 27'H
16° Gable Roof
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
Deck Live Load: 100 PSF
Roof Ladder Fender Brackets
(1) 3' x 7' Exterior Steel Door
(1) 6' x 7' Exterior Double Leaf Steel Door
(1) 3' x 7' Interior Steel Door
(7) 3' x 4' Window Openings with Steel Shutters
(1) 6' x 4' Window Opening with Steel Shutters
(2) 3' x 3' Hinged Gable Louvers
(2) 4' x 4' Roof Chop-Out Curbs
(2) Drywall Curbs
(1) 2nd Floor Burn Room

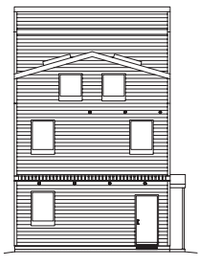
Tower:

12'L x 22'W x 30'H
Flat Roof
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
Deck Live Load: 100 PSF
Parapet Roof Guard with Chained Opening
Interior "U" Shaped Stair to 3rd Floor
Interior Fixed Ladder, 3rd Floor to Roof
(1) 3' x 7' Exterior Steel Door
(1) 3' x 4' Window Opening with Steel Shutters
(1) Roof Hatch

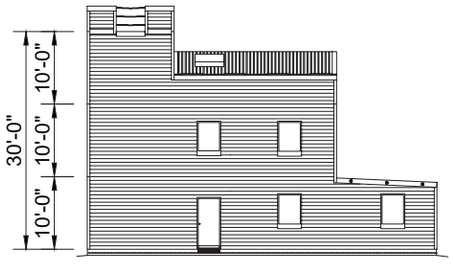
Burn Room Annex:

14'L x 22'W x 10'H
Roof: 1/2" in 12" Single Pitch
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
(1) 3' x 7' Exterior Steel Door
(3) 3' x 4' Window Openings with Steel Shutters

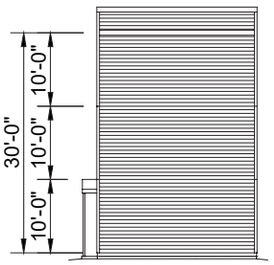
**Includes Patented Westec® Insulation System and Scout Temperature Monitoring System*



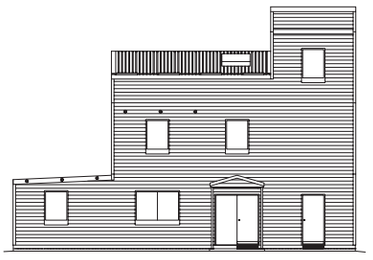
NORTH END ELEVATION



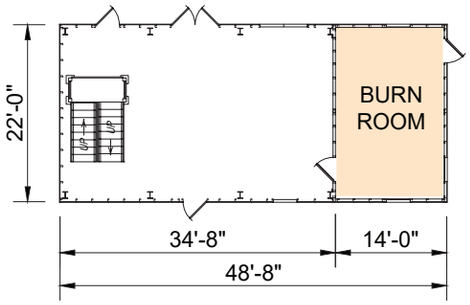
EAST SIDE ELEVATION



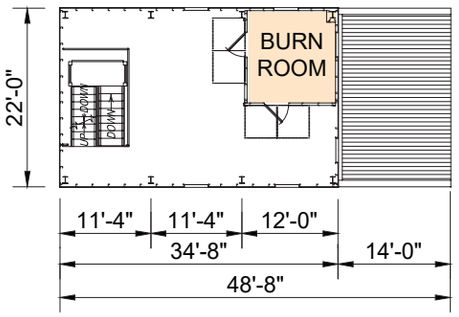
SOUTH END ELEVATION



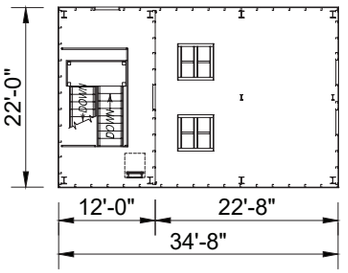
WEST SIDE ELEVATION



FIRST FLOOR PLAN



SECOND FLOOR PLAN



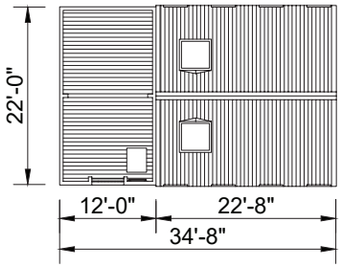
TOWER THIRD FLOOR & ATTIC PLAN



Fort Sam Houston, Texas



Bethel, New York



TOWER ROOF AND RESIDENCE ROOF PLAN

THE DIVISION CHIEF

The Division Chief is a 36' high tower incorporating features from both the Lieutenant and the Assistant Fire Chief. With a footprint spanning 16' wide x 32' long, the Division Chief features seven rooms for realistic training. The maze room, comprised of 12 movable, slidable, and lockable partitions, allows training officers to challenge trainees time after time by redesigning the room into any configuration. The tower's inset corner balcony offers a secure and realistic area to practice rappelling and laddering.

All doors/shutters are operational from both sides.
Stairs and railings meet IBC/NFPA 1402 standards.

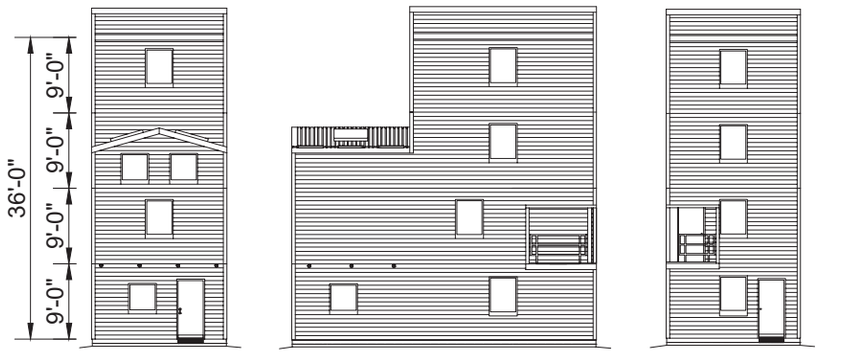
Residential Section:

14'L x 16'W x 25'H with 16° Gable Roof
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
Deck Live Load: 100 PSF
Roof Ladder Fender Brackets
(1) 3' x 7' Exterior Steel Door
(3) 3' x 3' Window Openings with Steel Shutters
(1) 3' x 4' Window Opening with Steel Shutters
(2) 3' x 3' Hinged Gable Louvers
(2) 4' x 4' Roof Chop-Out Curbs
(1) 1st Floor Burn Room
(1) 2nd Floor Maze Room

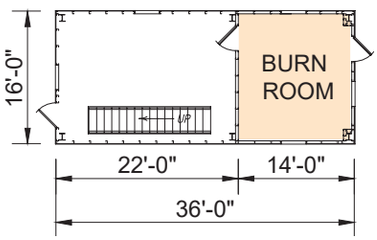
Tower:

22'L x 16'W x 36'H
Flat Roof
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
Deck Live Load: 100 PSF
Parapet Roof Guard with Chained Opening
Interior Stair to 4th Floor
Interior Fixed Ladder, 4th Floor to Roof
(2) 3' x 7' Exterior Steel Doors
(1) 3' x 7' Interior Steel Door
(9) 3' x 4' Window Openings with Steel Shutters
(1) 2'6" x 3' Bilco Roof Hatch
(1) 2nd Floor 6' x 8' Inset Balcony

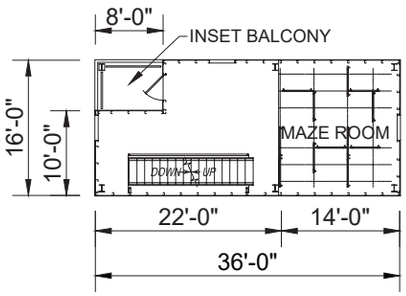
**Includes Patented Westec® Insulation System and Scout Temperature Monitoring System*



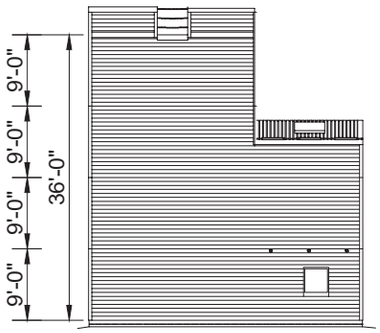
NORTH END ELEVATION *WEST SIDE ELEVATION* *SOUTH END ELEVATION*



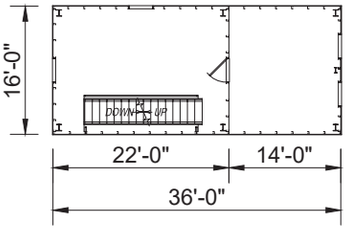
FIRST FLOOR PLAN



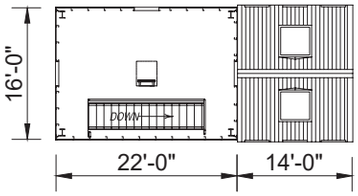
SECOND FLOOR PLAN



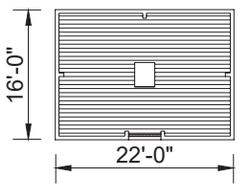
EAST SIDE ELEVATION



TOWER THIRD FLOOR & ATTIC PLAN



TOWER FOURTH FLOOR & RESIDENCE PLAN



TOWER ROOF PLAN



Red Wing, Minnesota



Clayton, North Carolina



Vermillion, South Dakota



Iowa City, Iowa

THE CAPTAIN

The Captain is a four-story tower with a large footprint for more training space. This tower spans 25'L x 22'W x 40'H and is ideal for a department that needs to accommodate many trainees. The burn room annex features two exits, while the tower offers interior stairs, a fixed ladder, and a roof-mounted chop-out curb.

All doors/shutters are operational from both sides.
Stairs and railings meet IBC/NFPA 1402 standards.

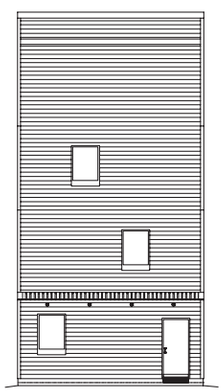
Burn Room Annex:

14'L x 22'W x 10'H
Roof: ½" in 12" Single Pitch
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
(1) 3' x 7' Exterior Steel Door
(3) 3' x 4' Window Openings with Steel Shutters

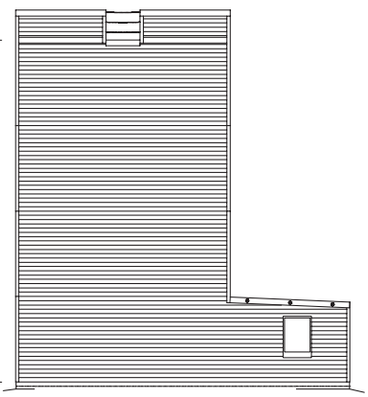
Tower:

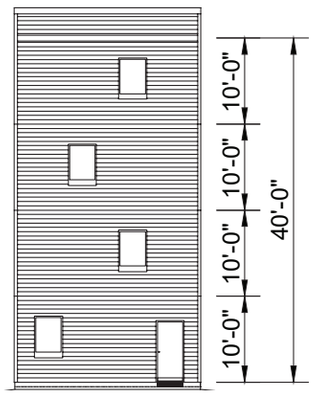
25'L x 22'W x 40'H
Flat Roof
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
Deck Live Load: 100 PSF
Parapet Roof Guard with Chained Opening
Interior Stair to 4th Floor
Interior Fixed Ladder, 4th Floor to Roof
(2) 3' x 7' Exterior Steel Door
(1) 3' x 7' Interior Steel Door
(10) 3' x 4' Window Openings with Steel Shutters
(1) 4' x 4' Roof Chop-Out Curb
(1) Roof Hatch

**Includes Patented Westec® Insulation System and Scout Temperature Monitoring System*

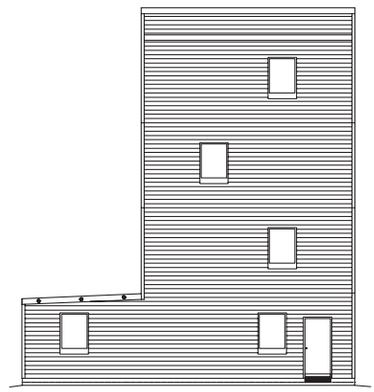


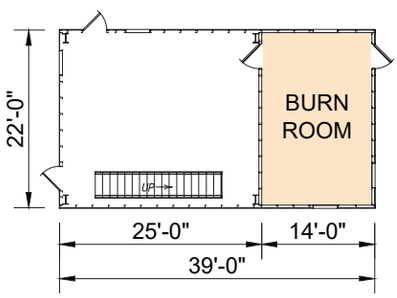
NORTH END ELEVATION


EAST SIDE ELEVATION

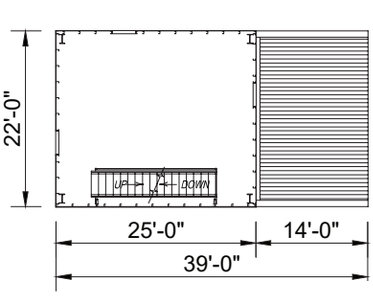


SOUTH SIDE ELEVATION

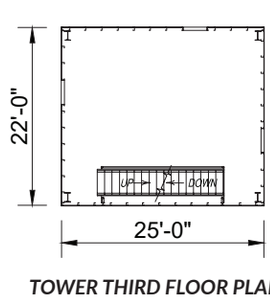

WEST SIDE ELEVATION



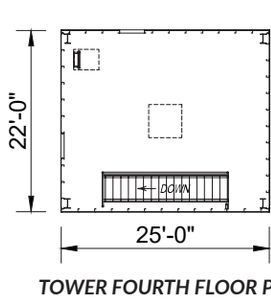
FIRST FLOOR PLAN



TOWER SECOND FLOOR PLAN



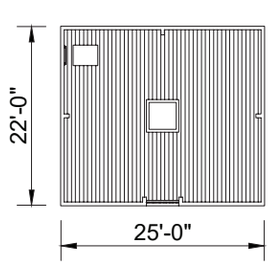
TOWER THIRD FLOOR PLAN



TOWER FOURTH FLOOR PLAN


Ponca City, Oklahoma


Oxford, Alabama



TOWER ROOF PLAN

THE ASSISTANT FIRE CHIEF

The Assistant Fire Chief features a tower, residential section, and a burn room annex. The residential section and annex each offer a burn room for multiple training scenarios. The four-story tower and residential section provide many opportunities for a variety of training exercises including laddering, rappelling, roof penetration, and high angle rescue operations.

All doors/shutters are operational from both sides.
Stairs and railings meet IBC/NFPA 1402 standards.

Residential Section:

22' 8"L x 22'W x 27' 7 ¾"H
16° Gable Roof
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
Deck Live Load: 100 PSF
Roof Ladder Fender Brackets
(1) 3' x 7' Exterior Steel Door
(1) 6' x 7' Exterior Double Leaf Steel Door
(3) 3' x 7' Interior Steel Doors
(7) 3' x 4' Window Openings with Steel Shutters
(1) 6' x 4' Window Opening with Steel Shutters
(2) 3' x 3' Hinged Gable Louvers
(2) 4' x 4' Roof Chop-Out Curbs
(2) Drywall Curbs
(1) 2nd Floor Burn Room

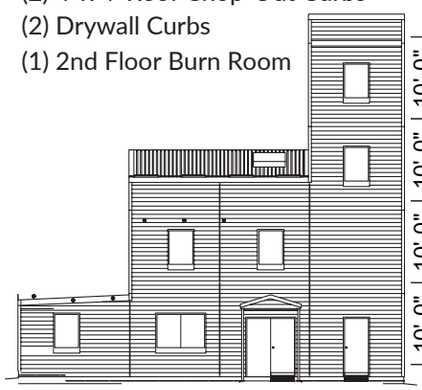
Tower:

12'L x 22'W x 40'H
Flat Roof
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
Deck Live Load: 100 PSF
Parapet Roof with Chained Opening
Interior "U" Shaped Stair to 4th Floor
Interior Fixed Ladder, 4th Floor to Roof
(1) 3' x 7' Exterior Steel Door
(2) 3' x 4' Window Openings with Steel Shutters
(1) 4' x 4' Roof Hatch

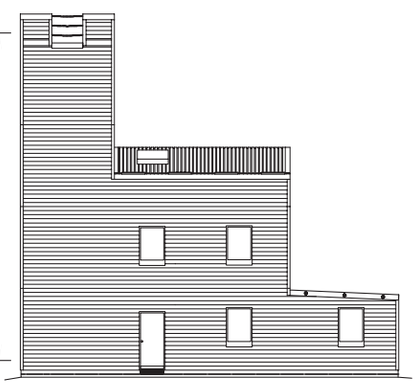
Burn Room Annex:

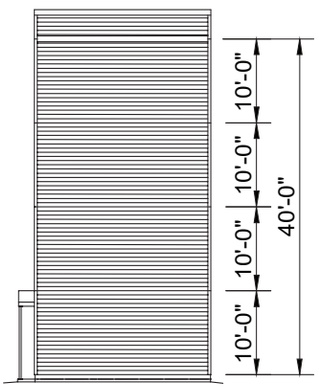
14'L x 22'W x 10'H
Roof: ½" in 12" Single Pitch
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
(1) 3' x 7' Exterior Steel Door
(3) 3' x 4' Window Openings with Steel Shutters

**Includes Patented Westec® Insulation System and Scout Temperature Monitoring System*

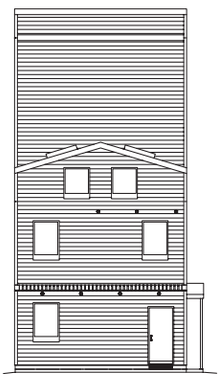


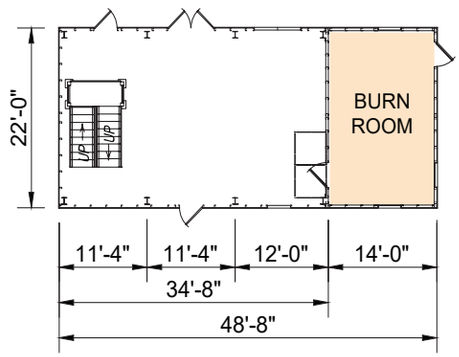
WEST SIDE ELEVATION


EAST SIDE ELEVATION

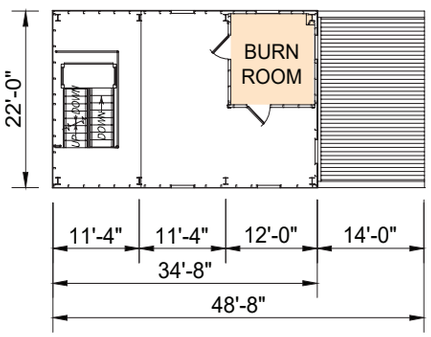


SOUTH END ELEVATION

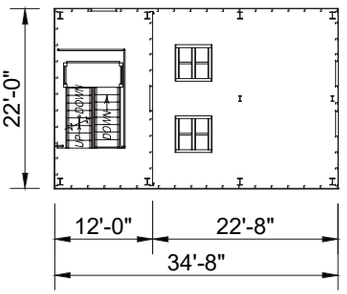

NORTH END ELEVATION



FIRST FLOOR PLAN



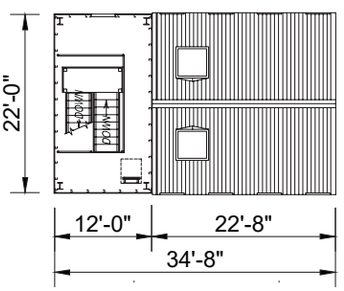
SECOND FLOOR PLAN



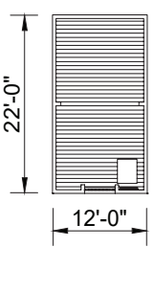
TOWER THIRD FLOOR & ATTIC PLAN


Odessa, Texas


Farmington, Maine



TOWER FOURTH FLOOR PLAN



TOWER ROOF PLAN

THE FIRE CHIEF

The Fire Chief's overall length is 60' and it stands 40' high. The tower's residential-like design offers a burn room on the first floor, interior stairs to the multiple floors, an interior fixed ladder, roof-mounted chop-out curbs, and parapet roof guard with chained opening. The Fire Chief allows for multiple training exercises including hose advancement, fire attack, search and rescue, rappelling, laddering, confined space, and high-angle rescue operations.

All doors/shutters are operational from both sides.
Stairs and railings meet IBC/NFPA 1402 standards.

Residential Section:

34'L x 22'W x 27'H
16° Gable Roof
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
Deck Live Load: 100 PSF
Interior "L" Shaped Stair to 2nd Floor
(3) 3' x 7' Interior Steel Doors
(1) 3' x 7' Exterior Steel Door
(1) 6' x 7' Exterior Double Leaf Steel Door
(11) 3' x 4' Window Openings with Steel Shutters
(1) 6' x 4' Window Opening with Steel Shutters
(2) 3' x 3' Hinged Gable Louvers
(2) 4' x 4' Roof Chop-Out Curbs
(2) Drywall Curbs

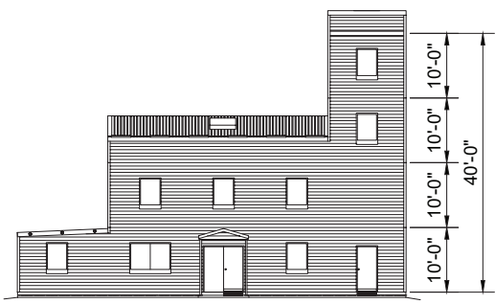
Tower:

12'L x 22'W x 40'H
Flat Roof
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
Deck Live Load: 100 PSF
Parapet Roof Guard with Chained Opening
Interior "U" Shaped Stair to 4th Floor
Interior Fixed Ladder, 4th Floor to Roof
(1) 3' x 7' Exterior Steel Door
(3) 3' x 4' Window Openings with Steel Shutters
(1) 4' x 4' Roof Hatch

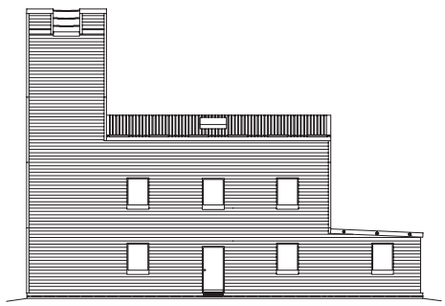
Burn Room Annex:

14'L x 22'W x 10'H
Roof: 1/2" in 12" Single Pitch
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
(1) 3' x 7' Exterior Steel Door
(3) 3' x 4' Window Openings with Steel Shutters

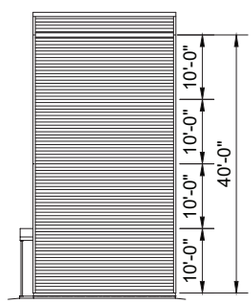
**Includes Patented Westec® Insulation System and Scout Temperature Monitoring System*



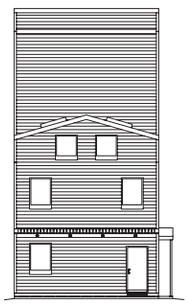
WEST SIDE ELEVATION



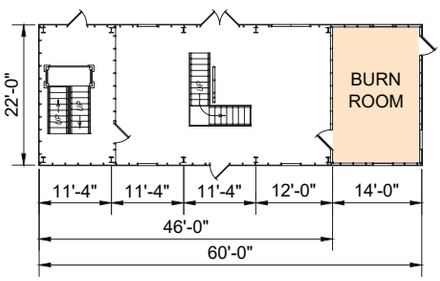
EAST SIDE ELEVATION



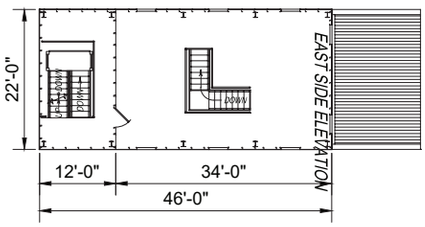
SOUTH END ELEVATION



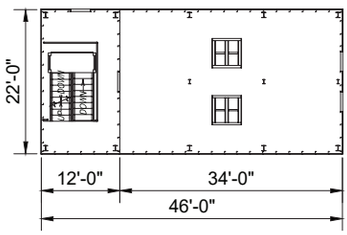
NORTH END ELEVATION



FIRST FLOOR PLAN



SECOND FLOOR PLAN



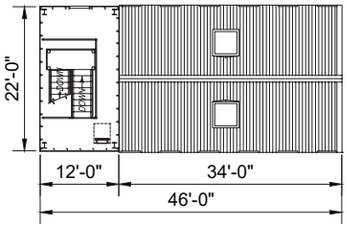
TOWER THIRD FLOOR & ATTIC PLAN



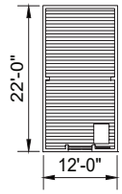
Hastings, Nebraska



Kissimmee, Florida



TOWER FOURTH FLOOR & RESIDENCE PLAN



TOWER ROOF PLAN

THE FIRE MARSHALL

The Fire Marshall tower incorporates features from both the Fire Chief model and the Commissioner, with an overall length of 66'. The floor doors in the center of the tower allow for 3' wide hallways all around (even when the floor door is open). Floor doors are aligned with each other on every floor, along with a 3'x3' hatch on the roof. The floor doors and roof hatch provide built-in confined space training. This building offers the popular "L" shaped basement training stairs in the residence, along with a cantilevered balcony on the 2nd floor, and an exterior fire escape. The tower portion also includes an inset balcony on the 2nd floor.

All doors/shutters are operational from both sides.
Stairs and railings meet IBC/NFPA 1402 standards.

Residential Section:

34'L x 22'W x 27'H
16° Gable Roof
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
Deck Live Load: 100 PSF
Interior "L" Shaped Stair to 2nd Floor
(4) 3' x 7' Interior Steel Doors
(5) 3' x 7' Exterior Steel Doors
(1) 6' x 7' Exterior Double Leaf Steel Door
(8) 3' x 4' Window Openings with Steel Shutters
(2) 3' x 3' Hinged Gable Louvers
(2) 4' x 4' Roof Chop-Out Curbs
(1) 4' x 35' Cantilevered Balcony with Fire Escape
(1) 2nd Floor Burn Room

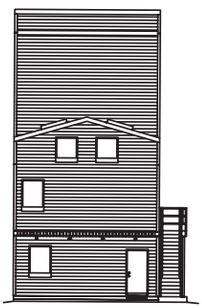
Tower:

18'L x 22'W x 40'H
Flat Roof
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
Deck Live Load: 100 PSF
Parapet Roof Guard with Chained Opening
Interior "U" Shaped Stair to 4th Floor
Interior Fixed Ladder, 4th Floor to Roof
(1) 3' x 7' Exterior Steel Door
(3) 3' x 4' Window Openings with Steel Shutters
(2) Roof Hatches
(3) Floor Doors
(1) Inset Balcony

Burn Room Annex:

14'L x 22'W x 10'H
Roof: ½" in 12" Single Pitch
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
(1) 3' x 7' Exterior Steel Door
(2) 3' x 4' Window Openings with Steel Shutters

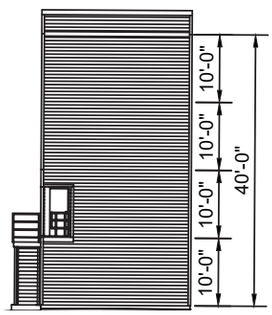
**Includes Patented Westec® Insulation System and Scout Temperature Monitoring System*



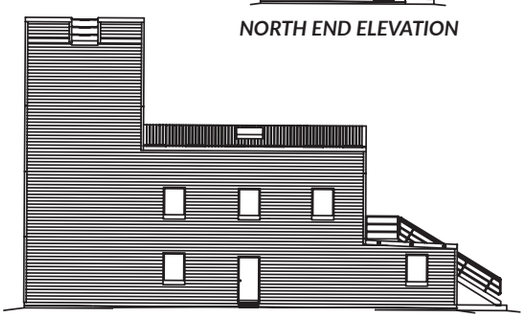
NORTH END ELEVATION



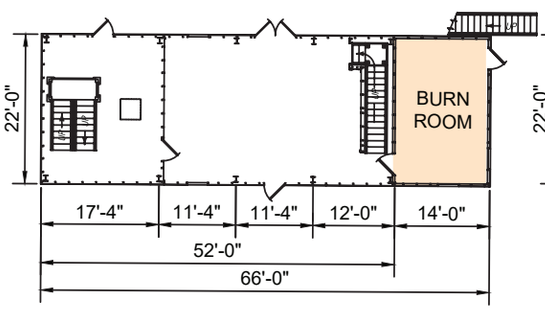
WEST SIDE ELEVATION



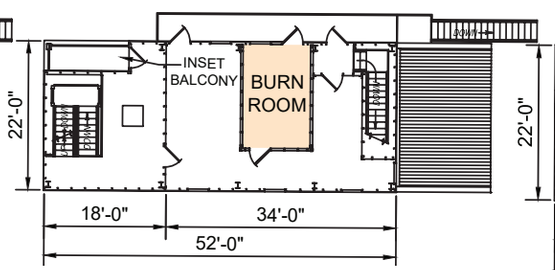
SOUTH END ELEVATION



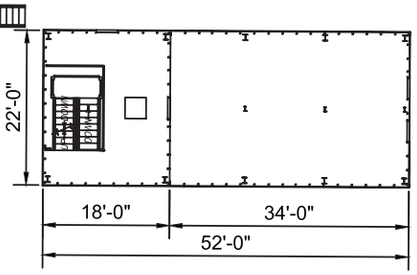
EAST SIDE ELEVATION



FIRST FLOOR PLAN

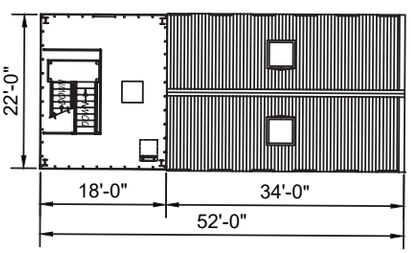


SECOND FLOOR PLAN

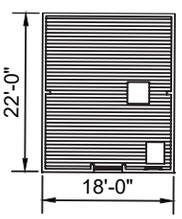


TOWER THIRD FLOOR & ATTIC PLAN





TOWER FOURTH FLOOR & RESIDENCE ROOF PLAN



TOWER ROOF PLAN

THE COMMISSIONER

The Commissioner is the largest standard Fire Facilities fire training tower model. The tower spans 73' long and stands 40' high. The Commissioner offers three sections, a four-story tower, a two-story residential section, and a one-story burn room annex. The residential section features interior and exterior stairs, two roof chop-out curbs, hallways, a burn room, and a burn area in the attic. The tower section offers interior decks and stairs, ship's ladder, parapet roof guard with chained opening, and a roof chop-out curb. For the ultimate in fire training, the Commissioner also features a cantilevered balcony, inset balcony, and fire escape.

All doors/shutters are operational from both sides.
Stairs and railings meet IBC/NFPA 1402 standards.

Residential Section:

33'11"L x 22'W x 27'3"H
16˚ Gable Roof and Flat Roof
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
Deck Live Load: 100 PSF
Parapet Roof Guard with Chained Openings
Interior "L" Shaped Stairs to 2nd Floor
Roof Ladder Fender Brackets
Exterior 2nd Floor Cantilevered Balcony 39' x 4'
Exterior Stairs to 2nd Floor
(7) 3' x 7' Exterior Steel Doors
(11) 3' x 7' Interior Steel Doors
(12) 3' x 4' Window Openings with Steel Shutters
(2) 3' x 3' Hinged Gable Louvers
(2) 4' x 4' Roof Chop-Out Curbs
(1) 2nd Floor Burn Room
(1) Burn Area in Attic

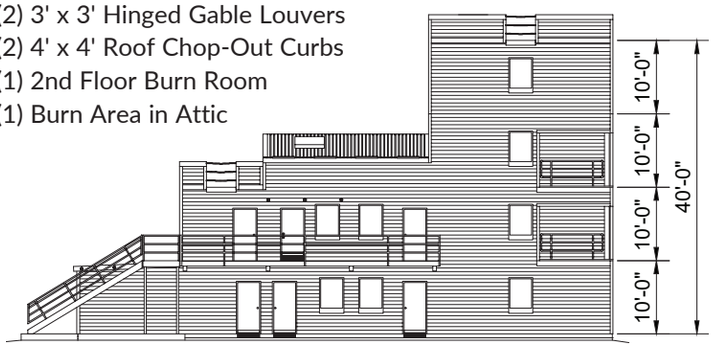
Tower:

25'L x 22'W x 40'H
Flat Roof
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
Deck Live Load: 100 PSF
Parapet Roof Guard with Chained Opening
Interior "U" Shaped Stairs to 2nd, 3rd, & 4th Floors
Interior Fixed Ship's Ladder, 4th Floor to Roof Hatch
(3) 3' x 7' Exterior Steel Doors
(7) 3' x 4' Window Openings with Steel Shutters
(1) 4' x 4' Roof Chop-Out Curb
(1) 2'6" x 4'6" Bilco Roof Hatch

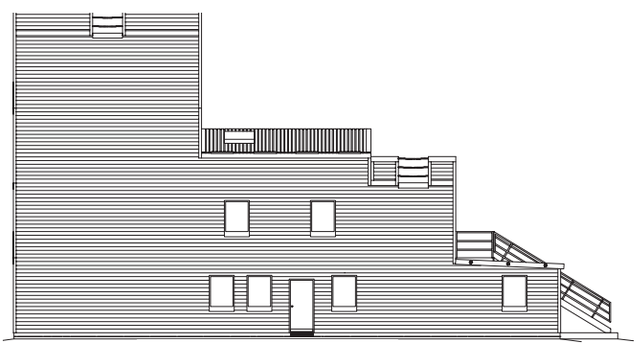
Burn Room Annex:

14'L x 22'W x 10'H
Roof: ½" in 12" Single Pitch
Roof Live Load: 100 PSF
Wind Load: Per Local Codes
(1) 3' x 7' Exterior Steel Door
(1) 3' x 7' Interior Steel Door
(2) 3' x 4' Window Openings with Steel Shutters

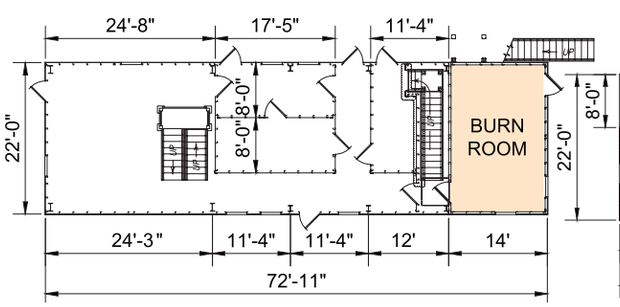
**Includes Patented Westec® Insulation System and Scout Temperature Monitoring System*



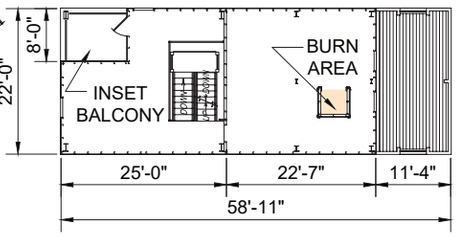
WEST SIDE ELEVATION



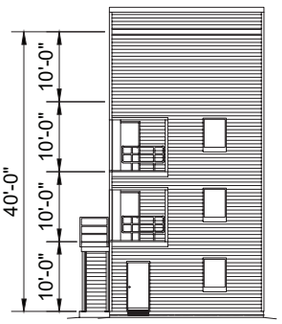
EAST SIDE ELEVATION



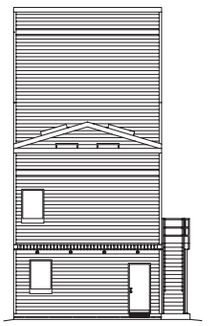
FIRST FLOOR PLAN



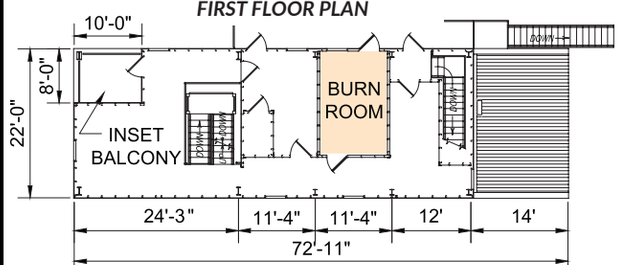
TOWER THIRD FLOOR & ATTIC PLAN



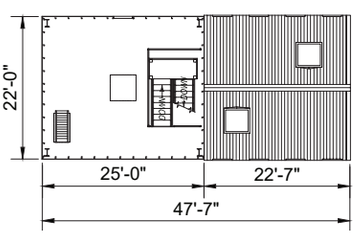
SOUTH END ELEVATION



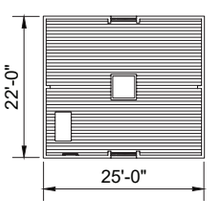
NORTH END ELEVATION



SECOND FLOOR PLAN



TOWER FOURTH FLOOR & RESIDENCE ROOF PLAN



TOWER ROOF PLAN



South San Francisco, California



Murfreesboro, Tennesse



Bentonville, Arkansas



Kingston, ON, Canada



Decatur, Illinois



Green Bay, Wisconsin

JOINT TRAINING FACILITIES

Across the country and around the world, fire departments rely on our training structures to provide a safe environment for live fire exercises.

But fire is just one of the dangers that public safety professionals must prepare for. Law enforcement officers are finding it increasingly important to train for rapid response to “active shooter” situations. School shootings. Terrorist attacks. Hostage situations. Experts have concluded that in these emergency situations, the first responders must be prepared to act swiftly and decisively when seconds may cost lives.

Fire Facilities and its Tactical Training Systems division can create a public safety building or campus that will cater to the needs of all public safety agencies. The building interior can be configured to create residential, school and commercial environment simulations. Interactive systems can be added for weapons training, HAZMAT containment and control, multiple situation preparedness and training feedback.

Our training facilities allow you to maximize the learning, development and teamwork within individual departments and among them.

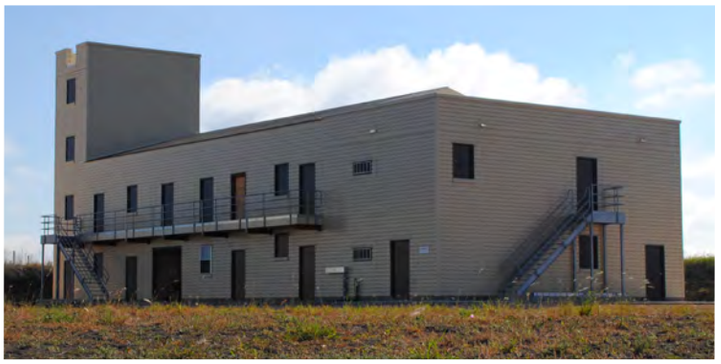
The Advanced Law Enforcement Rapid Response Training (ALERRT) Center at Texas State University - San Marcos sets the standard in active shooter training. Their Tactical Training Systems structure is an important component of the training, providing a flexible, dedicated environment in which to prepare for disaster. Learn more about the program at alerrt.org.





A training facility aids in preparing for:

- Fire/rescue
- Active shooters
- School emergencies
- Hostage situations
- Domestic disputes
- Search and rescue
- Terrorist attacks
- Room/building clearing

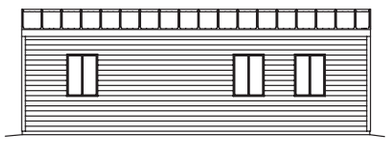




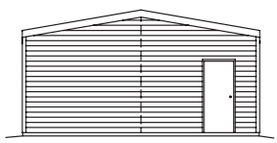


SERIES 1000 CLASSROOM

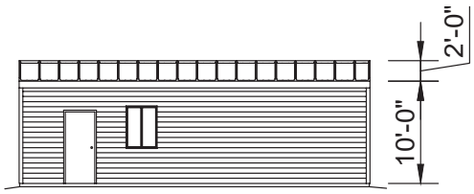
The Series 1000 Classroom is a single-story structure consisting of three rooms. This trainer offers a venue for police and military departments to conduct educational sessions in a classroom setting.



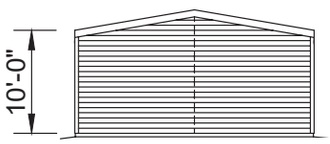
NORTH SIDE ELEVATION



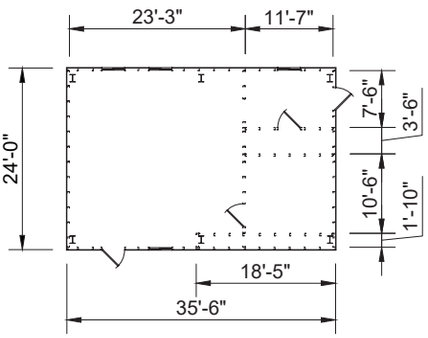
EAST END ELEVATION



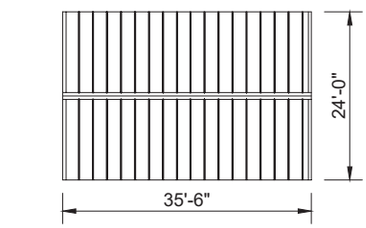
SOUTH SIDE ELEVATION



WEST END ELEVATION



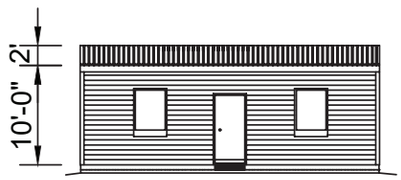
RESIDENCE FLOOR PLAN



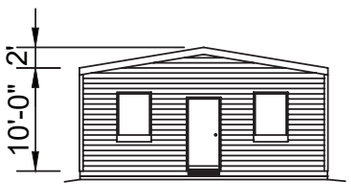
RESIDENCE ROOF PLAN

SERIES 1000 RESIDENCE

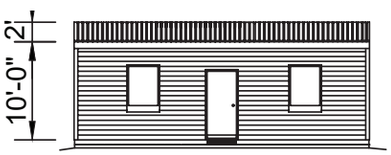
The Series 1000 Residence is a single-story tactical training structure consisting of four rooms. The Series 1000 Residence's house-like appearance offers basic functionality for live training of urban and domestic high-risk situations.



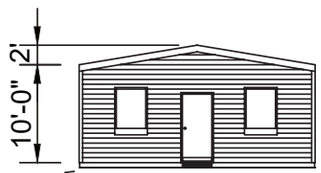
NORTH SIDE ELEVATION



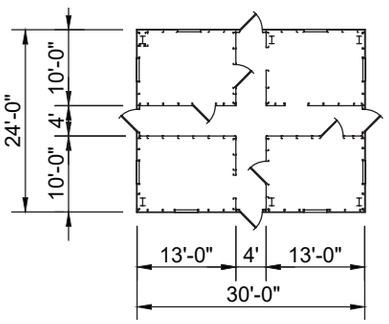
EAST END ELEVATION



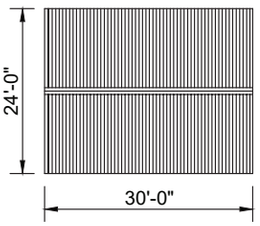
SOUTH SIDE ELEVATION



WEST END ELEVATION



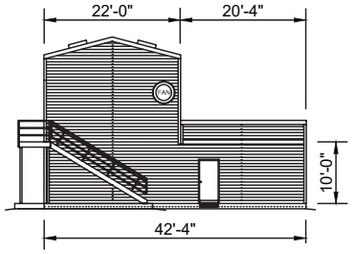
RESIDENCE FLOOR PLAN



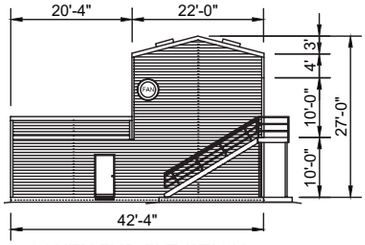
RESIDENCE ROOF PLAN

SERIES 2000 MOTEL/MALL

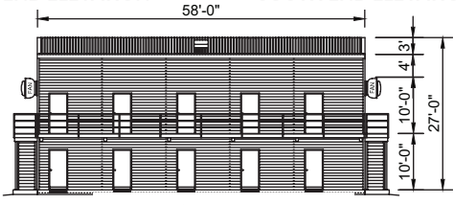
The Series 2000 Motel/Mall is a two-story structure with 13 individual rooms for enhanced training. The first story features 8 individual rooms, each with their own entrance. Two sets of exterior stairs to the second floor leads to a cantilevered balcony accessing the remaining 5 rooms while four rappelling rings provide access to roof and attic areas. This structure's unique design resembles a motel on one side and a strip mall on the other side, providing a true-to-life training environment.



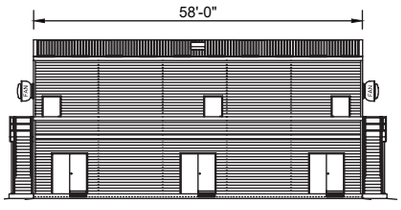
NORTH END ELEVATION



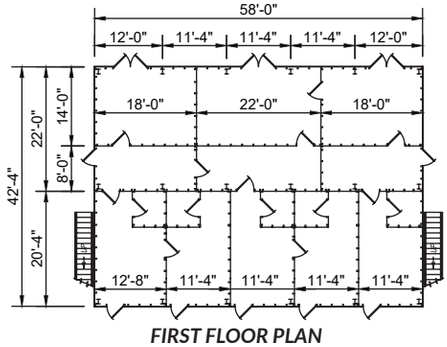
SOUTH END ELEVATION



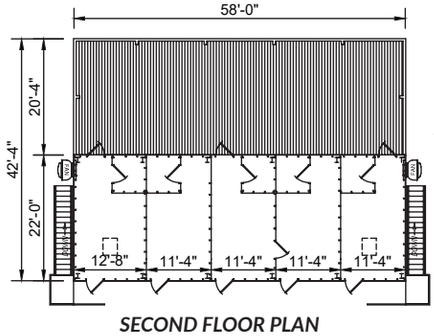
EAST SIDE ELEVATION



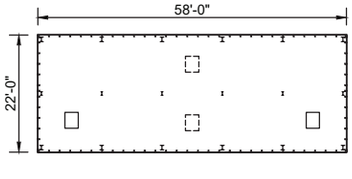
WEST SIDE ELEVATION



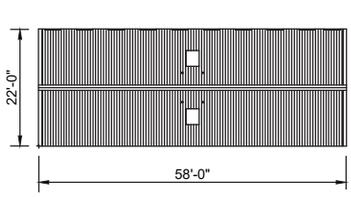
FIRST FLOOR PLAN



SECOND FLOOR PLAN



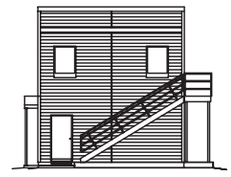
ATTIC FLOOR PLAN



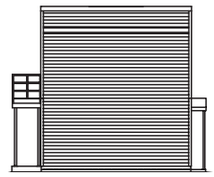
ROOF PLAN

SERIES 2000 RESIDENCE

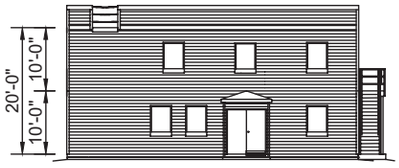
The Series 2000 Residence is a two-story structure with access to the roof for enhanced training. Exterior and interior stairs to the second floor leads to a cantilevered balcony accessing five interior rooms providing an apartment building or hotel /motel-like situation.



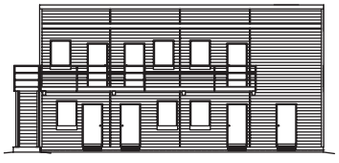
NORTH END ELEVATION



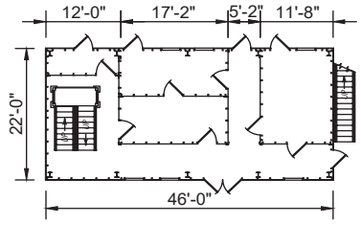
SOUTH END ELEVATION



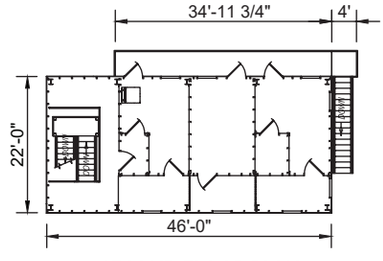
EAST SIDE ELEVATION



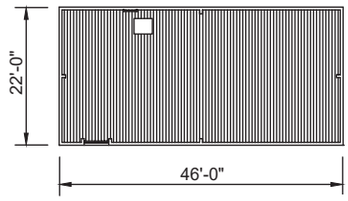
WEST SIDE ELEVATION



FIRST FLOOR PLAN



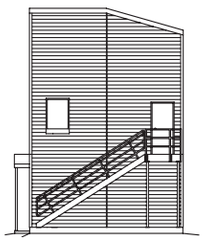
SECOND FLOOR PLAN



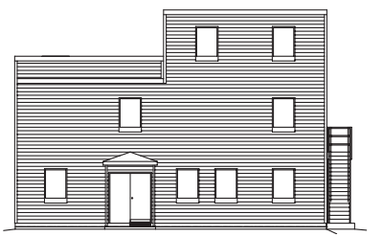
ROOF PLAN

SERIES 3000 RESIDENCE

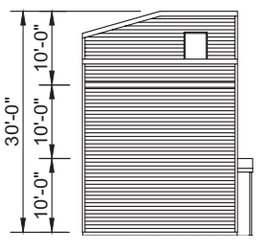
The Series 3000 Residence is three-story structure with both exterior and interior stairs leading to the second floor. This model features 22 movable partition panels, allowing instructors to vary the internal configuration of the system to challenge trainees during a training exercise. The Series 3000 Residence also includes three rappelling rings.



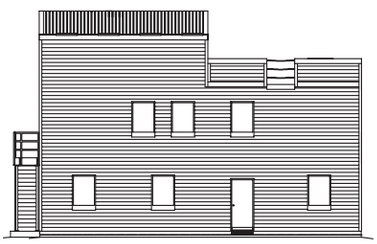
NORTH END ELEVATION



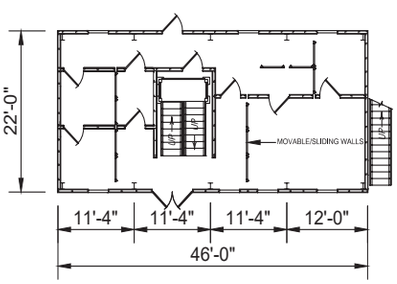
EAST SIDE ELEVATION



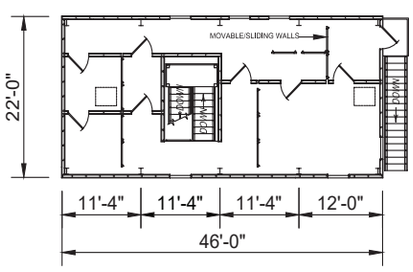
SOUTH END ELEVATION



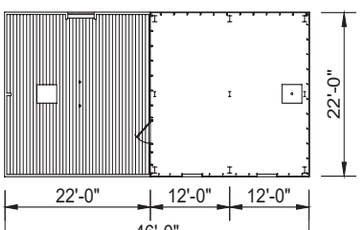
WEST SIDE ELEVATION



FIRST FLOOR PLAN



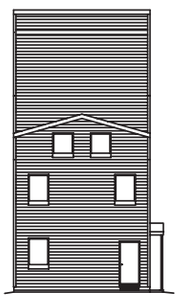
SECOND FLOOR PLAN



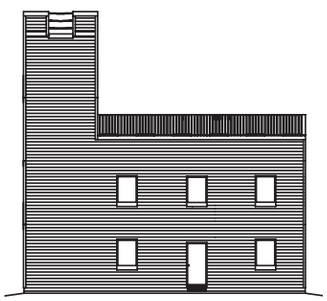
ROOF PLAN

SERIES 4000 TOWER/RESIDENCE

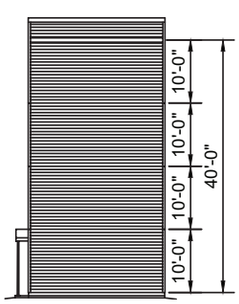
The Series 4000 Tower/Residence is the tallest standard Tactical Training Systems model. This tower's overall length is 46' and stands 40' high. The Series 4000 Tower/Residence's design offers interior stairs to multiple floors, an interior fixed ladder, roof-mounted chop-out hatch, and parapet roof guard with chain opening. The Series 4000 Tower/Residence allows for multiple training exercises and rescue operations.



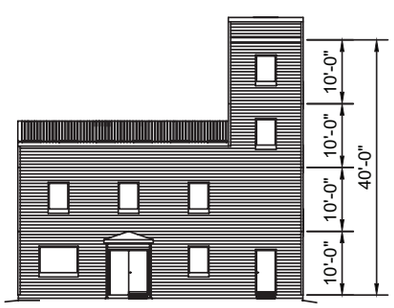
NORTH END ELEVATION



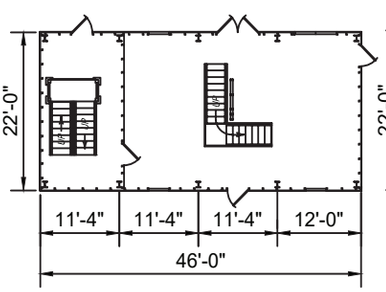
EAST SIDE ELEVATION



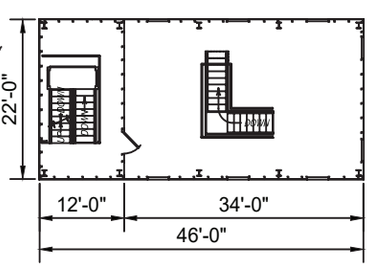
SOUTH END ELEVATION



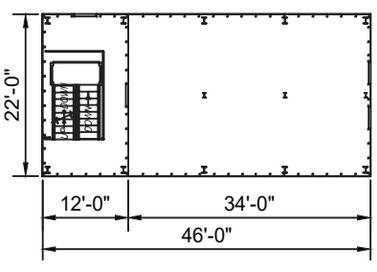
WEST SIDE ELEVATION



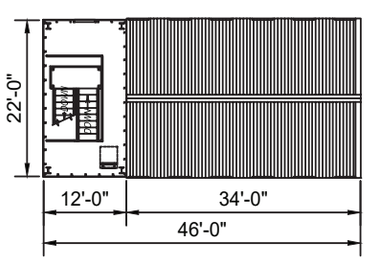
FIRST FLOOR PLAN



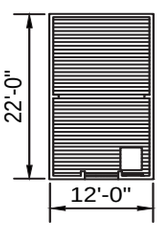
SECOND FLOOR PLAN



TOWER THIRD FLOOR & ATTIC PLAN



TOWER FOURTH FLOOR & RESIDENCE PLAN



TOWER ROOF PLAN

CUSTOM BUILDINGS

At Fire Facilities, we know that every community has its unique character; and with that, unique challenges to the local fire department. That's why every one of our standard model training structures can be customized to meet your specific needs. In fact, it is quite rare that a client orders a building without making any modifications.

In addition to our "Options and Accessories" list, our engineering team is capable of developing the facility to prepare your staff for just about any situation or building type they may encounter.

- Additional stories
- Enlarged floor plans
- Collapsed building training
- Seismic reinforcements
- Features for MOUT (Military Operations in Urban Terrain) training
- Open Stories



This class "B" prop shown simulates a car fire, and can be designed for use in interior burn rooms or outdoors.

Class "B" Burn Props

Propane fueled props are ideal for training facilities located in areas with a low tolerance for smoke, or in high volume training facilities. Based on decades of experience, we can help you to select props from a third party. We will work with your preferred prop supplier to ensure an installation and attachment method compatible with our steel liner system.

Accessory Buildings

Fire Facilities can also provide accessory structures for your training grounds. Storage buildings and shade canopies can all be purchased directly from Fire Facilities in matching colors to add complete functionality to your training grounds.



▲ McLennan Community College in Waco, Texas is the home of this custom designed fire training tower. Based on the "Commissioner" design, the structure boasts a six story tower section with working rooftop. The entire building is clad in brick facade with contrasting white trim. Inside, the facility features multiple class B fueled burn areas, including the annex on the first level.



▶ The training campus in South San Francisco features a customized structure with a six-story tower, multiple roof lines, and a burn room annex with integrated control room. The control room with windows allows instructors to control outdoor training props as well.





▲ Travis County Emergency Services District #3 is a five-story structure with an open story and a realistic hotel layout.



▲ The Town of Onondaga's Fire Training Center features an extra wide footprint with an exceptionally realistic residential interior layout.







▲ This facility in Camp Williams, Wisconsin features an extra wide footprint.

◀ Fairchild Air Force Base structure is six-stories and features three open sides.

CUSTOM BUILDINGS



▲ Victorville, California- Built on a fault line and engineered to withstand a high level of seismic activity, this Commissioner model is fully custom.



▲ Wasilla, Alaska- This Hall Crawler was built into basement entry.



▲ Oak Creek, Wisconsin- This Commissioner is 7-stories tall and designed without an annex.



▲ In Artesia, New Mexico, this Captain model is 50' tall and features a double wide annex.



▲ Bentonville, Arkansas. This custom commissioner model tower is 30' wide and has



o the hill and simulates a



▲ Elgin Community College in Burlington, Illinois is a custom 3 story enclosed Commissioner model with an open story.



s 12 burn rooms within its 7,860 square feet.



▲ Mount Holly, New Jersey- This custom Fire Chief model features a second story 'Four Seasons Porch'.



▲ Winchester, Kentucky- This Assistant Fire Chief model has a 3-story residential section and has an off-set gabled roof over the annex portion of the tower.

WESTEC® INSULATION SYSTEM





Westec is industry's most advanced system in burn room insulation. It is a unique two part system that protects your fire training tower two ways. Outside, a strong stainless steel panel is tough enough to withstand the most strenuous training exercises. Inside, a Westec® Insulation Blanket protects your tower from the extreme temperatures during training. The innovative Westec® Insulation System provides the highest level of protection – inside and out.

Westec's rugged stainless steel panel offers a solid shield of protection. These rigid ribbed panels resist breaking, spalling and cracking. This durability will significantly reduce maintenance costs and downtime.

The stainless steel panel is attached to a series of insulated channels. Under intense burn room heat, these specially-designed channels flex, allowing panels to expand freely, without warping, to maintain system integrity.

Inside the system is a specially-installed Westec blanket which provides a complete thermal break. It won't burn singe, or breakdown even under the hottest conditions (blanket is stable up to 2300°F*). More importantly, it provides the highest level of thermal protection for your tower.

The Westec burn room insulation is the best system available for protecting your training structure. It reduces burn room maintenance costs, extends the life of the tower, and protects your investment. Westec is available in all new Fire Facilities fire training towers as well as a retrofit for existing buildings, whether steel, concrete, or masonry.

Regardless of what type of tower you own, you can protect it better with the Westec® Insulation System from Fire Facilities.







Westec® Insulation Features

The Westec® Insulation System is the first burn room insulation system designed to provide the best performance for all burn room conditions.

- **High temperatures** – The Westec® Insulation Blanket withstands 2300°F* and the complete system withstands 1850°F* continuous temperatures.
- **Thermal performance** – Insulation properties of the Westec® blanket are the highest and most stable in the industry. The system's unique thermal break prevents heat from transferring through the system by conduction. See Cold Face Temperature Comparison.
- **Direct flame impingement** – The Westec blanket is covered with stainless steel panels that can be exposed to direct flames without worry of damage.
- **High-pressure hose stream** – Westec's stainless steel panels provide the most durable surface in the industry. They will withstand the direct pressure of a hose stream with no effect.
- **Rust and corrosion resistance** – Stainless steel fasteners will not rust or corrode.
- **Freezing cycles** – Since none of the system components will absorb water, freezing is not a concern.
- **Thermal expansion** – Westec incorporates a unique system of structural supports, stainless steel panels, and flexible elements that allow the system to move with the heat rather than resist it. Therefore, the stainless steel panels will not warp from exposure to high temperatures.
- **Resistance to impact** – The stainless steel panels will withstand impacts far beyond those encountered in training scenarios.
- **Warrantied** – Westec is the first insulation system supported by a 15-year non-prorated warranty.

Westec® Insulation System Components

The Westec® Insulation System consists of six basic components that are each designed to provide the critical elements of performance within a live fire.

- **Framing system** – Insulated steel channels are designed to resist all imposed loads while allowing the system to flex under thermal expansion.
- **Westec® Insulation Blanket** – A 2" thick blanket that is stable at temperatures up to 2300°F*. The blanket is unaffected by flame, heat, cold or chemicals.
- **Stainless steel panels** – Type 304 stainless steel is formed into rigid panels and provides unparalleled protection against impact and water damage. The formed panels allow for thermal expansion across the width of the panels which are installed to expand freely along their lengths without buckling.
- **Thermal break** – There are no screw penetrations between the framing system and the stainless steel panels, providing a complete thermal break. This barrier prevents direct transfer of heat through the framing system to the building structure.
- **Flexing and sliding connections** – The connecting elements from the framing system to the stainless steel panels are made from Type 304 stainless steel and are individually designed to allow the walls and ceiling to expand freely across the length and width of the room.
- **Corner guards** – All outside corners, doors, and window openings are continuously protected with heavy Type 304 stainless steel corner guard angles.

Cold Face Temperature Comparison

Best Performance ←

Burn Room Hot Face	FFI Westec™ Insulation System	2" Thick Concrete Casting Over 1" Thick Calcium Silicate Board "I"	FFI Westemp® 1" Thick Calcium Silicate Board "I"	1" Thick Calcium Silicate Board "P"	1" Thick Calcium Silicate Board "A"	1" Thick Fiber Cement Board
1800°	376°	335°	434°	485°	596°	652°
1600°	325°	311°	398°	453°	555°	609°
1400°	276°	287°	362°	419°	511°	561°
1200°	232°	263°	327°	381°	464°	510°
1000°	193°	237°	292°	340°	413°	454°
800°	159°	210°	255°	296°	362°	391°
600°	131°	180°	217°	246°	302°	321°
400°	108°	148°	173°	191°	232°	241°

The Westec® Insulating System is protected by US Patent 7,823,357 B2.

- Temperatures are shown in degrees Fahrenheit.
- Temperatures shown are based on 80°F ambient still air and have been determined in accordance with ASTM C680-89.
- For firefighter safety Fire Facilities does not recommend training at temperatures in excess of 1200°F.

Please note: Temperatures are shown directly at the back of the specified insulating system. Temperatures shown do not reflect the higher cold face temperatures that would occur directly at the insulating system's fastening device. Westec does not have fasteners that penetrate directly though the thermal barrier; therefore, no additional hot points are created. These hot points could be detrimental to your structure.

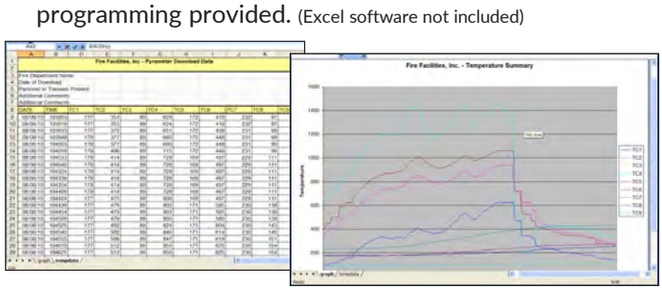
SCOUT PYROMETER

**Included with Burn Room(s)*



The Scout Pyrometer provides real-time data monitoring and data logging of up to nine thermocouples simultaneously and is mounted in a NEMA 3R weatherproof enclosure. The Scout features an easy to read back-lit LCD screen, programmable internal and external alarms for each individual thermocouple, capacitive sensitive buttons, and Bluetooth connectivity.

- Simultaneous display - LCD shows temperatures of nine separate thermocouples at the same time, with maximum temperature reading, built-in clock, and battery life indicator
- Bluetooth connectivity features the ability to broadcast temperature information (screen mirroring) and alarms to a user-supplied Apple or Android device from up to 270 feet away
- Touch-sensitive controls are easy to use
- Back-lit display makes it easy to read in any light conditions
- On-screen programming provides access to adjust pyrometer controls, to enable specific data collection and safety parameter set-up
- Internal memory sustains 90 hours of logged time and temperature data that may be downloaded to the DTD mentioned below
- Adjustable sampling rate allows data to be recorded into the memory at adjustable rates, up to four samples per location each minute
- Polycarbonate housing provides durable moisture barrier and a tough exterior
- Battery powered by a separate battery pack for easy access to the power supply
- Each unit includes a Data Transfer Device (DTD) to allow wireless infrared transfer of data from the pyrometer. Data can then be brought to an off site Windows based computer for download via the SD/SDHC data storage card provided
- One year warranty
- Interactive, Microsoft® based software - Provided to facilitate the creation of a complete training record using Microsoft® Excel. Graphs and charts depict actual training temperatures via Excel visual basic programming provided. (Excel software not included)



FIRE WATCHMAN PYROMETER

***Upgraded Option*



The Fire Watchman pyrometer features wireless on site access to the pyrometer, which is accessible with most Android or Apple, phone or tablet via Wi-Fi. The pyrometer can also be accessed from any location via The Cloud. It sends a mobile alert when the temperature exceeds pre-set limits. The Fire Watchman has adjustable alert temperature settings. Mobile Cloud access to current and stored burn data makes it easy to review the data anytime, anyplace.

The Fire Watchman Pyrometer is capable of monitoring up to 16 thermocouples simultaneously.

Other features of the Fire Watchman include:

- Capacitive sensitive back-lit touch screen monitor
- On-Screen programming with pyrometer's touch screen or mobile device
- Multiple burn room data widgets, accessible via The Cloud
- Automatically records at temperatures above 150 or 200 degrees Fahrenheit
- Data stored on weather sealed USB drive and transmitted to The Cloud. The 16 GB USB drive provided sustains over 20 years worth of logged time and temperature data
- Audible/visual alarm along with text alert signal when temperatures exceed pre-set limit (additional external audible/visual alarms can be added).
- Waterproof locked NEMA enclosure
- One year warranty





FEATURES	SCOUT PYROMETER	FIRE WATCHMAN PYROMETER
Screen	Back-lit Monocolor LCD	Back-lit Full Color Touch Screen Monitor
Power	Battery (AC conversion available)	Direct Power Line Required/120 Volt AC
Data Storage	Internal Memory	External USB or Cloud*
Data Transfer	Infrared Transfer to a DTD Device (SD/SDHC Data Card)	Data Stored on Weather Sealed USB Drive & Transmitted to The Cloud*
Data Logging	On/Off Button	Thermally Activated/Always On
Activate	Manual On/Off Button	Thermally Activated/Always On
Charts/Graphing Capabilities	Via Visual Basic Program in Excel	Via The Cloud*
Distance/Screen Mirroring to Mobile Device	Via Bluetooth	Via WiFi and/or The Cloud*
Audible/Visual External Alarm	External Alarm Option Available Internal Alarm Included	Included
Cellular Texting Alarm	Texting Alarm Option Available*	Via The Cloud /Cellular Service*
Thermocouple Capacity	9	16

* Additional fee required for The Cloud and/or texting service.

Alarms

Pyrometer External Alarm



Audible and visual external alarm components connect to Scout Temperature Monitoring System. Buzzer (85 decibels at 10 feet) and amber strobe light notify the trainer when burn room temperatures exceed pre-set trip limits. Alarm components include a 24 VAC transformer, relay, momentary kill switch/button, and a NEMA 3R metal enclosure. 120 VAC electrical service and component assembly required. Ensures safe live fire training by providing a hands-free warning when pyrometer's trip limits have been surpassed.

Scout Cellular Texting Alarm



The cellular texting alarm is a long distance real-time notification system used in combination with the Scout Pyrometer. A cellular text message will be sent out to up to 3 different mobile devices when the burn room temperatures exceed the trip limits (which are preset via the Scout Pyrometer). Cellular messages notify the user of both the time and date of when the temperatures are exceeded, when the temperatures return to normal, and when a power outage occurs.

It will also send a message when the power is reestablished, and when the backup batteries are low. The cellular alarm itself includes two inputs, a 100 decibel buzzer, and cellular programming capabilities. The alarm is contained in a gasketed aluminum NEMA 4X enclosure. 120 VAC electrical service, component assembly, Verizon cellular activation/annual fee, backup batteries, and wiring materials are not included.

Pyrometer External Alarm Horn



External audible alarm upgrade to the Scout External Alarm, features an adjustable 78-103 decibel level and has a 120 VAC electrical service. Weather rating is NEMA 4x.

Burn Props - Class A

Bed Simulator



The bed simulator assembly consists of ¼" thick prime painted angles and 12-gauge stainless steel panels, bolted together with ⅜" diameter bolts through pre-punched holes for ease of assembly. The prime painted 19W4 x 1 ½" x 3⁄16" bar grate is designed to hold class "A" materials 1'-4" above the floor surface. Dimensions are approximately 4' 5 ½" x 4' 5 ½" x 4' 4" tall, resembling a bed with headboard. A sliding/removable stainless steel lid with large ventilation holes limits the number of pallets can be placed in the unit by covering approximately half of the entire unit.

Bunk Bed Simulator With Burnable Top Bunk



The bunk bed simulator assembly consists of ¼" thick prime painted angles and 12-gauge stainless steel panels bolted together with ⅜" diameter bolts through pre-punched holes for ease of assembly. The prime painted 19W4 x 1 ½" x 3⁄16" bar grate is designed to hold class "A" materials 1'-4" above the floor surface. Dimensions for this prop are approximately 4' 5 ½" x 4' 5 ½" x 6' 7" tall. The overhead bar grate bunk of this unit is also 4' 5 ½" x 4' 5 ½" and provides another secondary fire area.

Bunk Bed Simulator with Enclosed Top Bunk



The bunk bed simulator assembly consists of ¼" thick prime painted angles and 12-gauge stainless steel panels bolted together with ⅜" diameter bolts. The prime painted 19W4 x 1 ½" x 3⁄16" bar grate is designed to hold materials 1'-4" above the floor surface. Dimensions are approx. 4' 5 ½" x 4' 5 ½" x 6' 7" tall. The overhead bunk of this unit is also 4' 5 ½" x 4' 5 ½" and is enclosed by stainless steel panels.

Burn Area, Attic- Class A and B



4' x 4' area consisting of three walls, the floor, and ceiling lined with the Westec® Insulation System. Fires are limited to 600˚F. Provides an excellent fire location in the attic, offering variety in trainings scenarios.

Burn Area, Corner- Class A and B



8' x 8' area can be designed in nearly any inside corner of any Fire Facilities fire training tower. Fires are limited to 600°F. Floor protection supplied by others. Provides excellent second and third fire locations, offering a variety of training scenarios. Ideal for trash can style fires.

Westemp® Insulating Panels- Class A and B



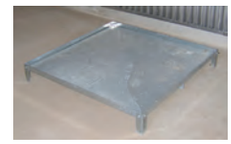
4' x 4' x 1" thick non-asbestos, incombustible panels combine structural strength with high thermal insulating values. It is not subject to thermal shock and offers low moisture absorption, providing protection to a continuous burn of 1200°F.

Burn Bin- Movable Burn Prop



30"W x 50"L x 36"H, constructed of ⅛" stainless steel, weighing 300 pounds. Includes large handles and heavy steel locking casters for easy relocation. Holds the fire 18" above the floor to protect the floor surface and contain the fuel pile; eliminates the scattering of unburned fuel and reduces clean up.

Burn Crib



The 49" x 49" burn prop elevates the fuel source of Class "A" fires approximately 6" above the floor. Easily bolts together and consists of 12-gauge galvanized materials. Provides a convenient means of protecting concrete floors from premature spalling and cracking.

Burn Room- Class A and B



12' x 12' room with two doors. Walls, ceiling, doors, and shutters are protected with the Westec® Insulation System. Floor protection supplied by others. Provides the ability to conduct live fire training. May be used as a second burn room to add flexibility to training scenarios.

Debris Catch Pan



42" W x 33" L x 5" H 16-gauge galvanized catch pan features weep holes for drainage, latches on each side for easy attachment and removal from the structure, and four handles for moving. Collects material left over from the fire fuel source for easy disposal as the room is cleaned and hosed out through an exterior burn room door.

Stove Simulator with Enclosed Overhead Burn Hood



The stove simulator assembly consists of 1/4" thick prime painted angles and 12 gauge stainless steel panels, bolted together with ⅜" diameter bolts through pre-punched holes for ease of assembly. The prime painted 19W4 x 1 ½" x 3⁄16" bar grate is designed to hold materials 1'-4" above the floor surface. Prop dimensions are approx. 4'-5 ½" x 4'-5 ½" x 6'-7" tall, resembling a commercial grade stove. The overhead hood of this unit is 2'-11" x 4'-5 ½", and is enclosed by stainless steel panels. A sliding/removable stainless steel range top with large ventilation holes is provided. The range top helps to limit the number of pallets that can be placed in the unit by covering approx. half of the unit.

Stove Simulator with Overhead Burn Hood



The stove simulator assembly consists of ¼" thick prime painted angles and 12 gauge stainless steel panels, bolted together with ⅜" diameter bolts through pre-punched holes for ease of assembly. The prime painted 19W4 x 1 ½" x 3⁄16" bar grate is designed to hold class "A" materials 1'-4" above the floor surface. Dimensions are approximately 4'-5 ½" x 4'-5 ½" x 6'-7" tall, resembling a commercial grade stove.

Burn Props - Class B

BBQ Grill on Inset Balcony

BBQ Grill Prop can be used in a single location like a regular or inset balcony, or it can be relocated using the high quality steel castors.



Hallway Rollover

The Hallway Rollover Simulator can be located in a hallway near a burn room to create dramatic effects, emphasizing flashover prevention training. Can be single direction or bi-directional depending on facility layout and training objectives.



Bed, Double

Fixed Queen Size Bed Prop fueled by LPG or NG. Optional ceiling rollover and pillow or night stand fire extension.



Stove, L-Shaped with Upper Cabinet Fire Extension

Fully integrated, independently controlled burners enable extension to one or more separate fires within the same training space allowing instructors to change the point of origin and enabling fire growth based on response time and agent application efficacy.



Bed, Twin; Interchangeable, ST

Interchangeable Bed Prop Facade on a Fixed Burn Platform. Prop Facade may be changed for various scenarios. Optional ceiling rollover.



Stove, ST-PRO

The Stove Fire Simulator ST-PRO includes a main stove fire and overhead cabinet extension fire that are both independently controlled with the included wireless remote.



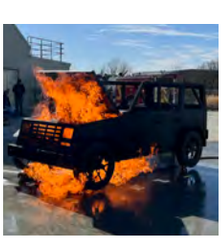
Clothes Dryer, Interchangeable, ST

Interchangeable Clothes Dryer Prop Facade on a Fixed Burn Platform. Prop Facade may be changed for various scenarios. Optional ceiling rollover.



SUV Fire Simulator, ST

SUV prop consists of a mid-size sedan with functioning hood, passenger doors, and trunk lid. Includes high quality steel casters for portability.



Garage Vehicle Simulator, ST

The Garage Vehicle prop can be designed for interior use with a full complement of NFPA 1402 safety devices, as well as outdoor use for added training value.



Water Heater, Interchangeable, ST

Interchangeable Water Heater Prop Facade on a Fixed Burn Platform. Prop Facade may be changed for various scenarios. Optional ceiling rollover.



*All Class B Burn Props include PLC-computer controls, wireless controls, variable flame height, and NFPA-compliant safety systems. Fires are fueled by clean-burning LPG or Natural Gas. Fixed Prop designs provide larger burn areas and fire extension capabilities. Interchangeable designs provide the versatility to change mock-up designs between training sessions to vary scenarios.

Balconies & High Angle Rescue Props

Balcony, Cantilevered



Constructed of prime painted structural tube and hot-dipped galvanized bar grate deck and joists. Available in a variety of lengths and at nearly any deck level.

Balcony, Inset



An open sidewall area of a tower finished off to match the structure's exterior. Handrails and a door to the interior are included. Provides a recessed balcony for rappelling and laddering exercises. Gives similar live fire experiences encountered in motel balconies and condominiums.

Balcony, Open Corner



Provides the ability to perform rescue scenarios appropriate for motel and condominium fires. Can be added to any tower model that offers enough floor space to accommodate this option.

Balcony, Supported



10' high with door at second floor. Made from hot-dipped galvanized structural tube, bar grate, and welded steel tube rails. Gives specialized training in laddering, hose advancement, and rappelling.

Helicopter Skid Simulator



6' x 5' 11" 18-gauge roof deck simulates a helicopter floor and runner skids. Designed to withstand a deck live load of 100 PSF, the simulator features hot-dipped galvanized safety railings around the perimeter and chained gates on both sides above skids for easy entry. Provides realistic airborne insertion exercises without the expense of flight time and added danger of prop-wash.

Multi-Level Platform



Supported multi-level platform consists of prime painted structural steel, Schedule 40 pipe railing, bar grate deck, and galvanized joists. Each level is approximately 11' 8" W x 21' 6" L and includes a swing door at each upper level. The Multi-Level Platform is ideal for high-angle rescue training and free-fall training. In addition, the platform allows trainees to perform scenarios in a true-to-life open environment.

Open Story



One or more open stories can be provided on any of the training towers. The lowest open floor is guarded with a parapet wall, and the roof and any upper open stories are guarded with a hot-dipped galvanized railing system. Allows for a number of laddering, rappelling, and balcony rescue exercises.

Rappelling Anchor, Swivel



Can be added to any floor or roof deck or mounted overhead. Rated for an ultimate load of 10,000 lbs and working load of 1,000 lbs (exceeds OSHA load requirement 29 CFR 1926.502(d)(15) and meets NFPA 1402 standard 11.2.1). The anchor housing is constructed of aircraft quality galvanized alloy and capable of a 360-degree swivel and 180-degree pivot. Each anchor is 200% proof-load tested for safety. Exercises can be used to simulate high-angle rescue, helicopter deployment, or raising a victim or equipment.

Rappelling Platform



Constructed of prime painted structural tube, hot-dipped galvanized joist sections and bar grate. Welded hot-dipped galvanized steel tube rails are optional. Features a 100 PSF deck live load, and can be ordered in a variety of lengths and at nearly any deck level. Provides a cantilevered platform for free fall style rappelling.

Rappel Railing



The 42" high, prime-painted rappel railing system consists of three 3" diameter, Schedule 80 pipes which are installed horizontally 12" on center. The system allows the rope to run from the rappelling ring tie off on the deck, over the railing to the trainee. Used to aid trainees in rappelling exercises by raising the rope off the roof deck to help with the initial descent.

Confined Space Props

Confined Space Rescue Prop



The 36" diameter corrugated galvanized pipe extends from the first floor to the second floor. It features a 90-degree elbow for the ultimate confined space training. The 3' x 3' Bilco floor door at the top provides access into the prop and to the first floor. An excellent way to simulate restricted environments including collapsed structures, teach trainees how to negotiate small openings, and test physiological capabilities.

Confined Space Vertical Rescue Prop, Removable



This removable prop consists of four movable wall panels and a Bilco floor door. The panels are configured to form a vertical shaft. At the top of the shaft is a 3' x 3' Bilco floor door that provides access into the prop from the floor above. The floor door is equipped with counter balancing springs and is hot-dipped galvanized. Each of the four 3'7"W x full ceiling height wall panels are constructed of 20-gauge galvalume vertical and horizontal channel stiffeners, which attach to a 14-gauge galvalume hanging track. The whole system is then held in place with two compression clamps. The functionality of the movable panels allows the prop to be assembled for confined space training, and removed when training is needed in the entire room. The prop can be installed on any level of a two-story or taller fire training tower, as well as on multiple levels, for the ultimate confined space training.

Confined Space - Elevator Shaft



Offered in many heights and includes roll-up door access to the shaft at each floor. The roof of the tower can be equipped with a hatch for vertical work. Offers real-life training in confined space, while providing emergency access to the trainees along the vertical drop.

Moveable Wall System/Maze



3' 7"W x full ceiling height panels are constructed of 20-gauge galvanized vertical and horizontal channel stiffeners, which attach to a 14-gauge galvanized hanging track. The whole system is then held in place with two compression clamps to create a maze. The system can be easily slid, moved, and removed, without the use of tools, to create a variety of room configurations for an enhanced training experience. Patent US 6,889,473B2.

Moveable Wall System/Maze with Working Door



Constructed of the same durable materials as our Movable Wall System/Maze, this system features a 2' 6" W x 6' 10" H door. The 20-gauge galvanized steel door allows entry into the partitioned area for enhanced training. The included lock set allows instructors to secure the area before and after training.

Moveable Half-Wall System/Maze



36"W x 45"H x 1-⅝" thick panels are constructed of 20-gauge galvanized vertical stiffeners and 16-gauge galvanized horizontal channels. The horizontal channels attach to additional wall panels to create a maze. The waist-height, self-standing system allows instructors to view and critique trainees while they maneuver the maze.



"We have 3,500 members of the Los Angeles Fire Department and almost every one of them has trained at some point on The Commissioner. For 20 years the structure has held up great. The Los Angeles community has really benefited from this investment."

Steve Hissong, Assistant Fire Chief
Los Angeles Fire Department

Doors

Explosive Breaching Door



The inward swinging Explosive Breaching Door can simulate up to a 4-lock set utilizing the locking system built into the door and the expendable breaching pins. These explosive breach pins are designed to simulate resistance to a maximum 400 grain breaching charge. This door is skinned with high density polyethylene to reduce the risk of fragmentation and corrosion from explosive exposure. Provides actual tactical training scenarios (entry and clearing).



Fire Training Door



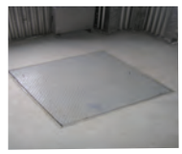
The Fire Training Door utilizes expendable breaching pins. This door is an inward opening door designed to offer realistic forcible entry training via a Halligan tool or similar prying tool. The pry door can simulate up to a 4-lockset utilizing the built-in locking system with patented BTI breaching pins. This product incorporates a heavy duty structural tube frame and door leaf. Approved manufacturer of this system is BTI.

Forcible Entry Training System/Door



Heavy duty steel door equipped with a forcible training mechanism. The TruForce forcible training mechanism is made from ¼" thick steel, is easily reset, provides adjustment for the jamb/door leaf gap, and also allows for different force settings by simply changing the size of the customer supplied furring strip sizes. Provides training for breaching a locked door. Approved manufacturer of this forcible training mechanism is TroxFire Training Solutions.

Floor Door



The Bilco flush-mounted single-leaf door is all-steel constructed with a ¼" diamond plate cover, compression spring lifting mechanism, and a hold open arm. Hot dipped galvanize finish. Various sizes available, typically 3'0" x 3'0" in size. Provides confined space access to the floor below and supports full floor loads. Rated for 300 psf.

Heavy Duty Spring Closer for Burn Room Doors



Heavy duty spring action closer rated for swinging doors that exceed 200 pounds. The closer is fully adjustable for different force settings without the requirement of tools. The materials for this closure are both zinc plated steel and hot-dipped galvanized malleable iron. A roller guide is also included to ensure smooth operation.

Pry Breaching Door



The Pry Door utilizes expendable breaching pins along with wood inserts. This door is an outward opening door designed to offer realistic and affordable pry breach training. The Pry Door can simulate up to a 3-lock set utilizing the built-in locking system and patented BTI breaching pins. In addition to breaching pins, the pry door utilizes a low-cost wood insert to accept the use of a Halligan tool or similar prying tool.

Ram-Pry Breaching Door



The Ram-Pry Door utilizes expendable breaching pins along with wood inserts. This door is a versatile inward and outward opening door designed to offer realistic ram and pry breach training. The pry system can be removed to convert to an inward opening ram door. Provides training for breaching a locked door.

Operating Level Latch



Heavy-duty latch opens shutters and doors from either side. Latch case is constructed of ⅛" thick zinc plated steel with a black powder coated finish. Interior and exterior handles may be padlocked to secure tower when not in use. The latch's hasp secures lever in place.

Roll-up Door



A continuously corrugated galvanized steel curtain with a siliconized polyester finish. The door slides on guides to a top drum through the means of a torsion spring. Aids in the simulation of commercial training exercises through a larger access door.

Ladders

Caged Ladder

Constructed of tubular rails and bar steps. Cage is made of flat steel strapping and the entire unit is hot-dipped galvanized. Caged ladder can be installed from the ground level to the roof.



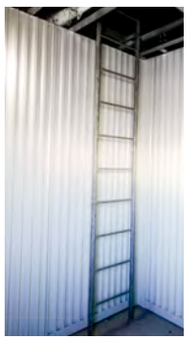
Hook Bar for Ladder

The ladder hook bar consists of 10'6" long Schedule 80 pipe with 12-gauge galvanized pipe angles for attachment. The bar is used on sloped roofs to ensure a safe attachment of the trainee's ladder hook when resting the ladder against the roof. This system is hot-dipped galvanized.



Interior Ladder

Constructed of hot-dipped galvanized tubular rails and bar steps. Includes railing system with a chain gate at the upper floor. Allows access to attic or roof areas and offers training in advancing equipment vertically in a confined area.



Ship's Ladder

Heavy-gauge steel stringers welded to bar grate treads. Includes a tubular railing on both sides. Hot-dipped galvanized. Offers more convenient access to roofs or other remote areas.



Stairs

Exterior Stairs (Fire Escape)

Manufactured from formed plate stringers and bar grate treads. The railing system is constructed from welded tube steel. All materials are hot-dipped galvanized. Walk doors are provided at each deck level. The exterior stairs or fire escape can be ordered to fit any level. Provides a second means of egress off a floor, aids in simultaneous scenarios, and gives the opportunity to train in advancement down stairs, simulating a basement fire.



Firefighter Challenge Staircase

Designed to the same specifications as the Scott Firefighter Combat Challenge®. This 41' H x 12' L stand alone structure is available in hot-dipped galvanized finish. Offers training in hose advancement and preparation for national competition, as well as a venue for physical conditioning.







"After 20 years of constant use, the Fire Chief is still in great shape. The quality of this training tower is one of my biggest reasons to purchase another Fire Facilities building."

John Beebe, Assistant Fire Chief
Central Mat-Su (Alaska) Fire Department

Roof & Roof Props

Chop-Out (Curb)



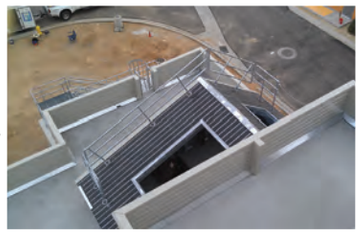
Made of 12-gauge hot-dipped galvanized materials. The roof chop-out allows for an attachment of a 4' x 4' plywood piece for ventilation exercises. 4' x 8' chop-out size is also available.

Roof Hatch (3'0" x 2'6")



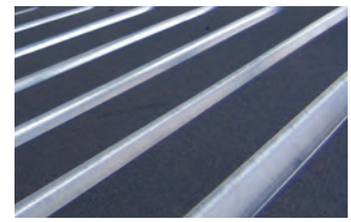
Bilco roof hatches are galvanized and prime painted and are equipped with counter balancing springs and shock absorbers. Appropriate size for a roof ladder. Various sizes also available.

Chop-Out (Flush Mount)



Made of 12-gauge hot-dipped galvanized materials mounted flush with roof surface. The roof chop-out allows for an attachment of a 4' x 4' plywood piece for ventilation exercises. 4' x 8' chop-out size is also available.

Slip Resistant Roof Tape

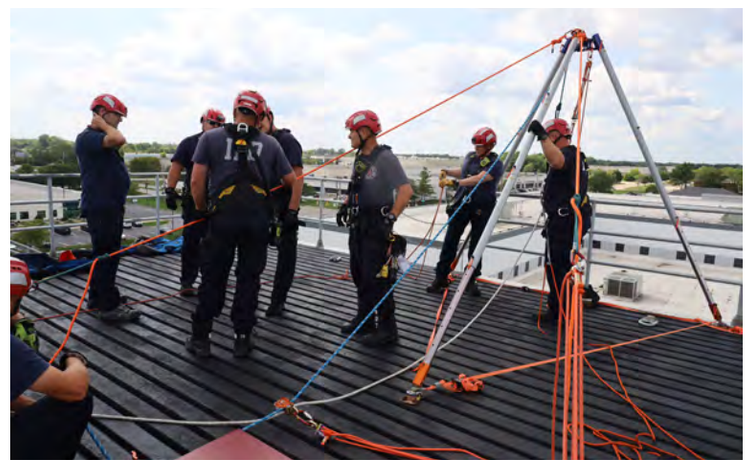


4" wide slip-resistant tape can be applied to 18-gauge galvanized roof panels for added safety. The tape, with pressure-sensitive adhesive, features a mineral coated surface for light to heavy foot traffic. Recommended for smaller areas only, the tape provides a slip-resistant surface to practice safe training during roofing exercises.

Durabak™ Slip-Resistant Paint Roof System



18-gauge galvanized roof panels are covered with a three-coat paint system providing a safe, long-lasting roof system. The base coat is an etch primer, while the two topcoats are polyurethane paint with embedded rubber aggregate. Provides an abrasion, chemical, saltwater, UV, corrosion, and slip-resistant surface to practice safe training during roofing exercises. |In addition, the system is waterproof to ensure tower protection at all times.







Regulation Systems

Annunciator Visual/Audio Alarm Panel



The 24 VDC annunciator panel allows for 16 switch inputs to light up separate alarm areas via LED lights. Audible and visual alarm components serve as a warning system to indicate trouble and alarm situations, and includes silence capabilities. alarms are triggered to simulate fire/trouble for each floor or room via toggle switches. In order to simulate fire/trouble situations, a separate instructor box is used to switch on the annunciator panel's indicator lights/alarm, to allow the trainee to determine which area is in need of aid.

Exhaust Fan



Available as: 208-volt, 3-phase, 2-speed or 240-volt, single-phase, single-speed units. Both models feature a 1½ horsepower electric motor and a belt-driven, centrifugal wall-mounted fan. The maximum output of both units is 8,000 cubic feet per minute. Circulates heat and smoke, and evacuates towers quickly.

Riser System (Fire Department Connection)



Includes a brass siamese fire department connection on the building's exterior, a 4" diameter galvanized pipe with a 2 ½" connection on the building's interior at each deck level, and a connection for sprinklers at each floor. Sprinkler system is not included.

Riser System (Storz FDC)



Includes a brass storz fire department connection on the building's exterior, with a connection on the building's interior at each deck level, and a connection for sprinklers at each floor. Sprinkler system is not included.

Smoke Distribution System

Consists of a piping system controlled by gate valves that will service up to 6 rooms, a circulation fan, 3" diameter schedule 40 PVC pipes and cabinet. Requires a smoke generator (sold separately). Directs the output of a smoke generator (not included) to any of the serviced floors.



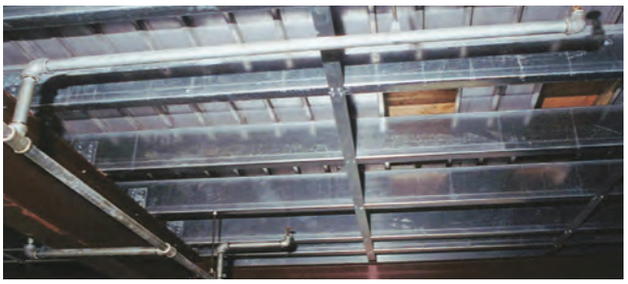
Smoke Generator

7,680 CFM output and a 100% duty cycle. Uses a safe, non-toxic fluid with a long hang time. Used with Smoke Distribution System. Produces a dense, white smoke.



Sprinkler System

Standard sprinkler configurations can be provided to any levels or rooms. Simulates experiences that are likely to be encountered on real-life calls.



Mobile Accessories

AFG Eligible

MBR Basement Trainer

A 4' x 8'-6" balcony is installed above the goose neck of a fire training trailer with a perimeter railing and a removable exterior ladder. A fixed interior stair is included from the balcony into the burn room. The exterior ladder, perimeter railing and interior stair are hot-dipped galvanized.



MBR Foldable Roof Rail

Sturdy 42” high hot-dipped galvanized railing system folds flat for transportation, and is easily tipped up and locked in place. Chain gates provide safety during laddering, hose advancement, and rappelling exercises. Available on Mobile Trainee only.

AFG Eligible







Miscellaneous Options

Man Hole Cover

A 34" solid cast iron manhole cover with self sealing gasket is used to access the floor below. A surrounding cast iron square base/frame is provided along with a concealed pick point in the cover.



Mortarless Brick Facade

Mortarless brick siding can be attached to the outside of any Fire Facilities fire training tower. Available in nine colors.





TOWER BENEFITS

Complete Service and Support

- Supported by over 100 years of manufacturing experience.
- As the designer and manufacturer of towers, we know every detail of each product, giving you the expert resource you deserve.
- Knowledgeable and fire service experienced sales force offers guidance with meeting safety and training requirements.
- Licensed Engineers in all 50 states plus U.S. Territories
- Complete turnkey packages available.
- Erection services available.
- Manufactured in the USA.
- The management system governing the manufacture of this product is CSA-A660-04 certified.

Service and Support After the Sale

- All of our towers are designed in a way that will accommodate future additions when your department is ready to expand.
- We offer burn room re-lines on all of our towers and even some of our competitors.

Warranties

- 30/25-year limited warranty on paint finish, which includes chalking, fading, and breakdown of film integrity.

Tower Parts and Workmanship Warranty

- Fire Facilities warrants all materials to be free of defect for a period of one year.

Structure Warranty

- 5-year limited warranty protects the structure itself.

Westec Insulation System Warranty

- 15-year non-prorated limited warranty provides coverage against a break in the thermal barrier caused by cracking, breaking, and spalling.

TOWER INSPECTIONS

To ensure trainee safety, NFPA 1403 requires that the structural integrity of the live fire training structure shall be evaluated and documented periodically by a licensed professional engineer. Our licensed engineers are available to conduct inspections as required per NFPA 1403.

Our engineering staff is highly qualified to evaluate and report on the condition of the facility in accordance with NFPA regulations, and will explain any needed repairs or maintenance.

Contact your FFI Regional Manager to discuss how to most effectively fulfill the inspection needs at your community's training facility.

Color Options

Trim Colors



Wall Colors



Note: Colors vary from actual panel material.
For a steel color sample, please contact Fire Facilities.



Proud Sponsor

Vendor

Preferred Class B Burn Prop Supplier

Made By Firefighters, For Firefighters

Who better than experienced firefighters to lead a company committed to making the highest quality training towers for firefighters? At Fire Facilities everyone from our President to our Sales Team members, engineering department and factory workers have proudly served as active firefighters.

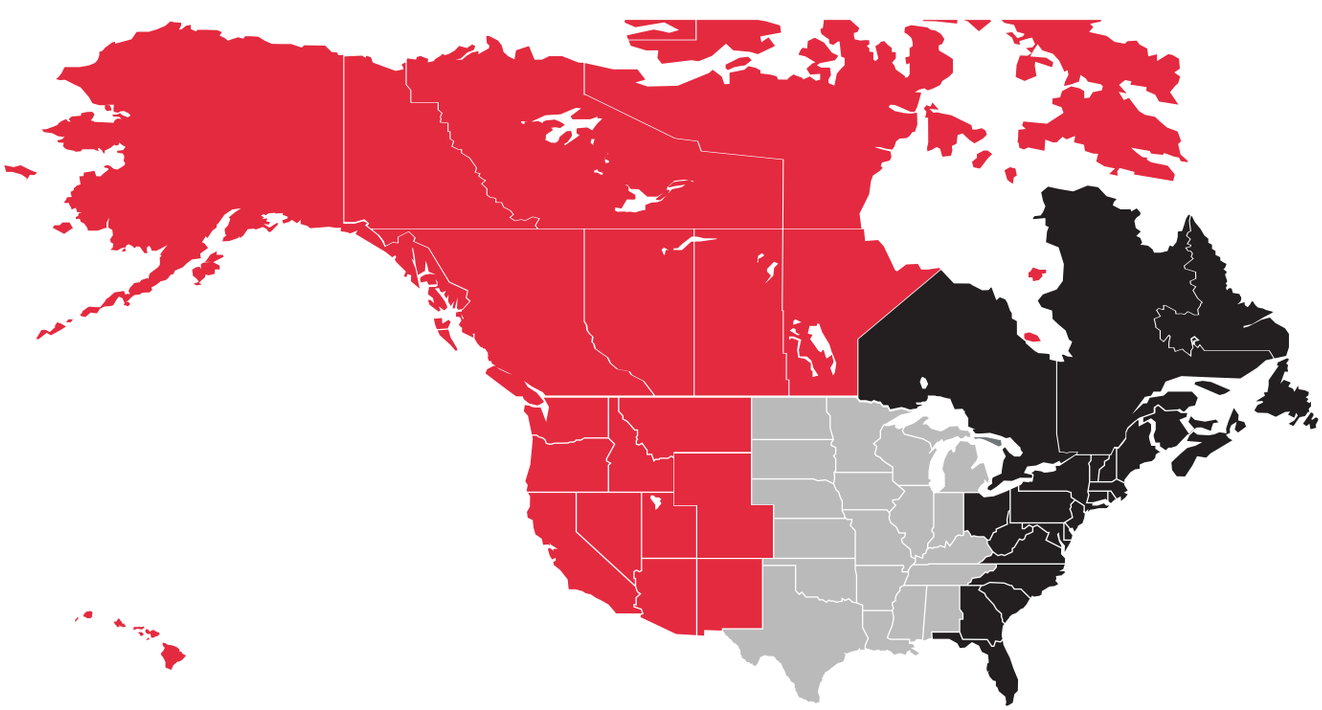
These dedicated team members have lived and breathed the fire service. They understand, like only a firefighter can, what's most important in live training scenarios. And now they take their experience and work with fire departments across the world to help create the Made in America, all-steel custom towers that fit the specific needs of the fire service to make training count.

Since 1989 our team has added their expertise to more than 1,000 projects. Made for long-lasting service, we have 165 towers in service after two decades of continuous training. That speaks to the durability of Fire Facilities' products and the dedication of the people who make them.

Our patented Westec® Insulation System was developed by a Fire Facilities professional engineer over 20 years ago. The Westec system provides an extraordinary level of protection for live burn room conditions with minimal maintenance and ongoing costs. With a 15-year non-prorated warranty for temperatures up to 1850° degrees, your training facility will be ready for your crews when it is time to train and prepare. There's no better live burn room liner system on the market.

Fire Facilities is 100% employee owned. From factory line employees to engineers to support staff, our Wisconsin-based team focuses daily on creating a product that will provide a superior training experience for fire professionals. We understand what's at stake, and we live up to the expectations of excellence.

Questions? Contact Your Regional Sales Manager



Western Regional Manager
Steven Harms
sharms@firefacilities.com
608-327-4119

Central Regional Manager
John Schauf
jschauf@firefacilities.com
608-327-4121

Eastern Regional Manager
David Tusio
dtusio@firefacilities.com
608-327-4120

Your Job Is Saving Lives And Protecting Property.
Our Job Is Designing a Realistic Training Environment.

Nothing prepares firefighters for actual fire fighting action better than training in a Fire Facilities fire training tower. Our towers and burn rooms are designed for safe, hands-on, live fire training. No one works with you to design and build a training environment customized to your needs like the team at Fire Facilities will.

We Make It Real

Training under live fire conditions simulated in our fire training towers better prepares your department to protect lives and property. With models ranging from mobile to high-rise, our fire training towers provide realistic training for a variety of exercises including:

- Hose advancement
- Fire attack
- Ventilation
- Search and rescue
- Laddering and rappelling
- Roof penetration
- Confined space exercises
- High-angle rescue operations
- Other specialized training simulations such as helicopter deployment

All towers are equipped with live burn rooms with patented Westec® Insulation System, Scout Temperature Monitoring System, Roof chop-out curb, interior doors and stairs, window openings with galvanized steel shutters, and architecturally pleasing steel siding.

Available options include:

- Multiple burn rooms/areas
- Balconies and exterior stairs
- Caged ladders and elevator shafts
- Siamese fire department connections
- Propane and sprinkler systems
- Swivel rappel anchors
- Chop-outs, hatches, stairs, ladders
- Smoke distribution system
- Specialized props, platforms, and rigging
- Movable/slidable partition panels
- Mortarless brick facade

We can customize any of our models to suit your specific training needs. Our in-house engineering department with resident professional engineers can also design a new tower based entirely on your ideas. Either way, we can create a fire training tower to prepare your firefighters for the unique challenges of your community.

We Make It Safe

The safety of your firefighters is our number one concern. We understand the hazards of live fire training. That's why we assure the highest standards of personal safety, in accordance with IBC/NFPA 1402 standards, are designed into every fire training tower we build, including features like:

- Structural loading and steel gauges which exceed commercial standards
- Flat exterior wall panels designed to make laddering and rappelling safe and realistic
- Beveled roof and window trim
- Flat roof, floor, and deck surfaces
- Bar grate on stairs and platforms for sure footing
- 42" high windowsills to prevent accidental falls
- Adequate burn room dimensions for realism and safety
- Temperature monitors assure proper heat control in burn areas

Fire Facilities' steel fire training towers allow you to experience realistic fire training simulations without risking the safety of your department.

We Make It Expandable

Your training needs may change over time. Your Fire Facilities fire training structure can be modified and/or expanded to meet these needs. The structure of our buildings accommodates future additions more readily than concrete structures or other steel building systems.

We Make It Affordable

- Leasing periods from 3 to 15 years.
- Spreads the cost of a training structure over a number of years instead of a single-year budget outlay.
- Flexible payment structure including monthly, quarterly, semiannual, and annual options.
- Competitive tax exempt rates for qualified applicants.

We Make It Here

We take pride in designing and manufacturing our products in the United States, with domestically sourced materials. Your purchase supports the domestic economy.

Our steel fire training towers are built to train hard, built to train right.
To find out more, contact us at 800-929-3726 or visit our website at www.firefacilities.com.

Words From Our Customers

"We worked closely with Fire Facilities to custom design a model that works for our department ... and that design has paid off! The Deputy Chief allows our firefighters to practice a skill/technique numerous times before ever performing that rescue/technique at an actual incident. That training is priceless. It helps our newer, and even our seasoned firefighters, to develop needed skills in a far shorter period of time."

Craig Weston, Fire Chief
Carver (MA) Fire Department





"Come visit us or another agency with a fire training tower. You'll see just how versatile Fire Facilities training structures are, and the endless training possibilities they offer."

Peter O'Leary, Fire Chief
Fond du Lac (WI) Fire Department

"We chose to add the rappelling anchors, FDC, sprinkler system, burn crib, and roof hatch to our Firefighter structure so we could use the tower for a variety of training scenarios. Every drill we place certain features 'in or out' of play to create a specific atmosphere and training objective."

Jonah Winger, Fire Captain
Cameron Park (CA) Fire Department



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STEEL FIRE TRAINING TOWERS

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CONTACT US FOR MORE INFORMATION:

800-929-3726
866-639-7012 FAX

314 Wilburn Road
Sun Prairie, WI 53590 USA

www.firefacilities.com
info@firefacilities.com

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