



SheltersDirect

“first choice”



ABOUT SheltersDirect

Shelters Direct has been manufacturing and supplying prefabricated booths, buildings, shelters and canopies for over a decade throughout the United States and internationally to a vast variety of customers. As part of the group of local companies under the Octagon Services, Inc. umbrella you can rest assured you are working with a leader in our field with the financial strength to stand behind our products.

WHAT WE DO:

- Guard Booths (Standard, Bullet Resistant, Portable)
- Smoking Shelters
- Transit / Bus Shelters
- Equipment Enclosures
- Pre-engineered Canopies
(Entrance Gates, Fuel Stations)
- Vestibules / Vending Shelters
- Covered Walkways & Stairwells
- Press Boxes

CORPORATE OFFICE:

Octagon Services Inc. d.b.a. Shelters Direct
8580 Laureldale Drive, Laurel, MD 20724
Toll Free: 800-393-9400
Phone: 301-317-6000
Fax: 301-317-8265
www.sheltersdirect.com
Year Established: 1993

WHY WORK WITH US:

- Quick response on quotes and proposals
- Detailed quotes and proposals complete with exclusions
- Competitive pricing
- Professional submittal packages with transmittals
- Detailed engineered drawings
- Professional installation crews
- Honesty and integrity with all phases of the business
- Knowledge of individual national and state building codes

GSA Contract Holder

Shelters Direct's GSA Contract is under our parent company Octagon Services, Inc.

GSA Contract Number: GS-07F-9111G
Contract Period: 10/01/1996 - 9/30/2011
MAS Schedule: 56 - Buildings and Building Material, Industrial Services & Supplies
Business Type: Small Business
CAGE CODE: 0ZWH9
Dun & Bradstreet Number: 807203161

OFFICERS:

- Paul Robertson, President
- Joel Nicchitta, Vice President

INTERESTED IN LEARNING MORE?

- Visit our website <http://sheltersdirect.com/>
- Contact us directly:
 - Phone: 800-393-9400
301-317-6000
 - Email: info@sheltersdirect.com



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VISION & PURPOSE

Our vision is to be our customers' "first choice" when they need prefabricated buildings, canopies, and shelters for personnel protection and equipment storage. We strive to earn confidence and repeat opportunities by performing at a superior level beyond the expectations of our customers and end users of our products. Every one of our employees will strive to make our company better tomorrow than it is today.



TO FULFILL OUR VISION WE WILL:

- Deliver superior customer service above that of all other companies in our market
- Create an atmosphere of integrity, trust, and confidence with our employees, customers, and vendors with all phases of our business
- Invest in talented employees who are knowledgeable about our products, services, and industry and who have a personal sense of caring about others
- Be profitable and fiscally responsible while reinvesting in our company
- Continuously promote our product brand through successful performance of all projects
- Provide a great working environment focused on teamwork while treating each other with respect and dignity
- Strive to be more educated than our competitors on new and improved technology
- Give back to the community in charitable ways so that we can help others by way of our own successes
- Encourage and support each employee to personally strive to have strong family values and economic stability

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INFORMATION REQUEST

Thank you for your interest in Shelters Direct prefabricated structures.

We would like to send you information on new product developments as it becomes available. Please fill out and return this form to the attention of Megan Silas via fax or email (megan@sheltersdirect.com).

Name _____ Title _____

Company _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Email _____

My Firm is a: ☐ Consulting Engineer ☐ Contractor ☐ End User

ADDITIONAL OPTIONS:

☐ Send additional copies of literature ☐ Schedule "Lunch & Learn" presentation at your facility ☐ Sign up for email newsletter

SheltersDirect
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Prefabricated Aluminum & Steel Shelters



GSA

Contract Holder

Providing Superior Products At A Competitive Price With On-Time Delivery

- Smoking Shelters
- Transit Shelters
- Bus Stops
- Waiting Shelters
- ATM / Vending Machine Enclosures
- Building Vestibules
- Park & Ride Structures
- Attendant Shelters
- Covered Walkways & Stairwells
- Industrial Equipment Shelters
- Pump Enclosures
- Security Guard Shelter

Full Glass Aluminum Bicycle Shelter



Half Glass Aluminum Fully Enclosed Smoking Shelter



Full Glass Steel Shelter with Standing Seam Steel Hip Roof



Standard Sizes (other sizes available upon request)

4'x4'	5'x8'	6'x8'	8'x8'	10'x10'
4'x8'	5'x10'	6'x10'	8'x10'	10'x12'
4'x10'	5'x12'	6'x12'	8'x12'	10'x15'
4'x12'	5'x15'	6'x15'	8'x15'	10'x18'
4'x15'	5'x20'	6'x20'	8'x16'	10'x20'

Optional Items

- Fluorescent Lighting
- Exhaust Fans / Ventilation
- Heating and Air Conditioning
- Locking Swing Doors
- Aluminum Bench with Backrest
- Solar LED Lighting
- Stainless Steel Ashtrays
- Lexan Polycarbonate Glass
- Tinted Glass (Gray, Brown, Green)
- Standing Seam Steel Hip Roof
- Overhangs up to 24"
- Professional Engineered (PE) Stamped Drawings

SheltersDirect

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Phone: 301/317-6000 • Fax: 301/317-8265 • www.sheltersdirect.com

Specifications

ALUMINUM SHELTERS

General:

Unassembled modular shelter is fabricated from low maintenance, light-weight corrosion resistant aluminum (factory fabricated). Site assembly required.

Width and Length

as stated above – with an 88" (2235.2 mm) exterior height and 83" (2108.2 mm) interior ceiling height.

Frame Construction:

Provide structural framing of 6063-T5 aluminum alloy extrusions. Connections shall be fastened internally to framing systems using mechanical fasteners or MIG welded where necessary. Exposed fasteners on framing system are not acceptable. Standard 7 3/4" ventilation space at bottom of unit.

Roof:

Constructed using galvanized 20/24 GA, G-60 interlocking pan sections. Sections are 3" (76.2 mm) high varying widths able to support minimum of 40 psf (1915 Pa) live load. Roof drains into full perimeter gutter system.

Ceiling:

Interior ceiling shall be a foam core panel system providing smooth flat interior, constructed from 24 GA pre-finished white steel with expanded polystyrene core, able to support optional lighting or heat panels.

Windows:

Fixed windows are single pane 3/16" (4.76 mm) minimum clear tempered safety glass, glazed within wall system extrusions and not fastened to exterior wall. Glass sealed with concealed gasket system.

Lower Wall Section:

.032 aluminum on exterior and interior with expanded polystyrene core.

Electrical:

Optional electrical items shall be installed by others in the field.

Anchoring:

Shelter installation requires concrete pad to be 12" minimum larger than shelter in both length and width dimensions. Pad must be level within 1/2" over length and width of structure. Shelter to be anchored to pad using height adjustable aluminum boot and anchored down using 2" x 1/4" expansion anchors.

STEEL SHELTERS

General:

Pre-assemble shelter of steel construction.

Dimensions:

Width and Length as stated above - having a 7' 6" (2286 mm) interior ceiling height.

Frame Construction:

Framing shall be 14 GA (1.78 mm) or heavier mechanical tube. All joints shall be MIG welded.

Finish:

Surfaces shall be painted using an epoxy / urethane prime to paint system designed to withstand salt spray and freeze thaw testing.

Roof:

Constructed using galvanized 20/24 GA, G-60 interlocking pan sections. Sections are 3" (76.2 mm) high varying widths able to support minimum of 40 psf (1915 Pa) live load. Roof drains into full perimeter gutter system.

Ceiling:

Interior ceiling shall be a foam core panel system providing smooth flat interior, constructed from 24 GA pre-finished white steel with expanded polystyrene core and able to support optional lighting or heat panels.

Windows:

Fixed windows shall be single pane 3/16" (4.76mm) minimum clear tempered safety glass. Glass shall be framed to shelter using steel / aluminum framing system, with no exterior exposed fasteners.

Lower Wall Panels:

Wall panels shall be 18 GA exterior, 3" (76.2mm) of expanded polystyrene, and an 18 GA inside face. Panels shall be galvanized and shall be MIG welded into place.

Electrical:

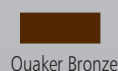
Optional electrical items shall be factory mounted, wired by others in the field.

Anchoring:

Shelter installation requires concrete to be 12" minimum larger than shelter in both length and width dimensions. Shelter to be anchored to pad using height adjustable steel base plates and anchored down using 1/2" minimum expansion anchors.

***Note:** specifications are generic and are typically modified depending on size and application. Actual specifications for the individual unit ordered are provided with shop drawings prior to manufacturing

Standard Colors (other colors available upon request)



Quaker Bronze



Anodized Aluminum



White

ADA compliant
available
upon request



Contract Holder

800/393-9400

SheltersDirect

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Prefabricated Aluminum & Steel Buildings



GSA

Contract Holder

Providing Superior Products At A Competitive Price With On-Time Delivery

- Attendant Booths
- Gate Houses
- Cashier Booths
- Security Access Buildings
- Utility Buildings
- Prefabricated Restrooms
- Bullet Resistant Structures
- Pump Houses
- Equipment Buildings
- Communication Equipment Buildings



EXTERIOR WALL SYSTEMS: Brick, Stucco, Rib Wall, Custom Walls, UL 752 or N.I.J. Bullet Resistant Upgrade

HVAC:

- Tru-Wall A/C, A/C with Heat, Heat Pumps (GE Brand)
- Roof Mount A/C, A/C with Heat (Coleman Brand)
- Roof Mount (1 1/2 Ton & larger) A/C, Heat Pump (Carrier Brand)
- HD Wall Mounted Heater

INTERIORS: Wall finishes such as FRP & drywall

- Custom counter work
- Interior restroom (with fixtures)
- Interior storage rooms
- Bullet Resistant Walls & Ceilings

O P T I O N S

GLAZING:

- Tinted Tempered Glass
- Insulated Glass (Clear or Tinted)
- Polycarbonate / Lexan
- Transaction / Cashier Windows
- UL 752 or N.I.J. Bullet Resistant Upgrade

DOORS:

- Additional aluminum or steel sliding doors
- Commercial grade aluminum swing door
- Commercial grade HM steel swing door
- Bullet resistant sliding or swing door

ROOFS:

- Standing seam HIP style metal roof
- Expanded metal HIP style & peaked roofs
- Custom Fascias including board & batten, shaped steel & ACM
- Overhangs up to 6"0"

OTHERS:

- ADA compliant construction
- Custom electrical work
- PE sealed drawings
- 3rd party inspection
- Transaction drawers
- Exterior lighting
- Automatic door openers, and more...

STANDARD BUILDING SPECIFICATIONS

ALUMINUM BUILDINGS

Pre-assemble building fabricated from low maintenance, lightweight corrosive resistant aluminum (factory fabricated). Building exterior shall have no exposed fasteners. Width and Length as stated above - with a 90 - 93" nominal outside height. Interior dimension from floor to ceiling shall be 83" (2108.2 mm).

FRAME CONSTRUCTION: Provide structural framing of 6063-T5 aluminum alloy extrusions. Connections shall be fastened internally to framing systems using mechanical fasteners or MIG welded where necessary. Exposed fasteners on framing system are not acceptable.

BASE / FLOOR: Building to typically be constructed on a 4" galvanized mechanical tube frame (when required). Floor assembly to be comprised of 3/16" aluminum tread plate finished floor.

LOWER WALL PANEL: Exterior shall be .032 aluminum, 3" (76.2 mm) expanded polystyrene insulation (R-12) and .032 interior aluminum. Overall thickness of panel shall be 3" (76.2 mm).

CEILING: Interior ceiling shall be foam core panel system providing smooth flat interior, constructed from 24 GA, pre-finished white steel with expanded polystyrene core.

ROOF: Constructed using galvanized 20/24 GA, G-60 interlocking pan sections. Sections are 3" (76.2 mm) high varying widths able to support minimum of 40 psf (1915 Pa) live load.

Roof drains into full perimeter gutter system.

WINDOWS: Fixed windows shall be single pane 1/8" (3.18 mm) clear tempered safety glass. Sliding windows shall have aluminum frame and 1/8" (3.18 mm) clear tempered safety glass, insect screen, and locking device. Glass shall be glazed within wall system extrusions and not fastened to exterior wall. Glass sealed with concealed gasket system.

DOOR: Sliding door shall be extruded aluminum frame, top hung style using an overhead track and heavy duty ball bearing nylon tires with steel hub. Door shall be supplied with mortise hook bolt lock set with removable cylinder.

ELECTRICAL: Electrical shall be wired according to N.E.C. Standards. Load center shall be a 125 amp, 120/240 volt unit with 8/16 open circuits. Wiring shall be within surface mounted EMT conduit, and included shall be (1) GFI duplex receptacle with tester.

LIGHTING: Lighting shall be a dual bulb fluorescent light.

HEAT: Heating shall be wall mounted electric with fan forced operation, 1500w/5120 BTU thermostat in an enamel coated 20 GA steel cabinet.

***Note:** specifications are generic and are typically modified depending on size and application. Actual specifications for the individual unit ordered are provided with shop drawings prior to manufacturing

TYPICAL BUILDING SIZES

OTHER SIZES AVAILABLE UPON REQUEST

3X4	6X8
4X4	6X10
4X5	6X12
4X6	8X8
4X7	8X10
4X8	8X12
4X10	8X14
5X5	8X16
5X6	10X10
5X7	10X12
5X8	10X14
5X9	10X16
5X10	12X12
5.5X7.5	12X14
6X6	12X16

ADA compliant
available
upon request



STEEL BUILDINGS

GENERAL: Pre-assemble building of steel construction.

DIMENSIONS: Width and Length as stated above - having a 96" (2438.4 mm) nominal outside height.

FRAME CONSTRUCTION: Framing shall be 14 GA (1.78 mm) or heavier mechanical tube. All joints shall be MIG welded.

BASE / FLOOR: Building to typically be constructed on a 4" galvanized mechanical tube frame (when required). Floor assembly to be comprised of 3/16" aluminum tread plate finished floor.

WALL PANELS: Wall panels shall be 14 GA exterior, 2" (50.8 mm) or 3" (76.2 mm) depending on wall thickness, E.P.S. insulation (2" - R-10, 3" - R-12), and a 18 GA inside face. Panels shall be galvanized and shall be MIG welded into place.

CEILING: Interior ceiling shall be foam core panel system providing smooth flat interior, constructed from 24 GA pre-finished white steel with expanded polystyrene core.

ROOF: Constructed using galvanized 20/24 GA, G-60 interlocking pan sections. Sections are 3" (76.2 mm) high varying widths able to support minimum of 40 psf (1915 Pa) live load. Roof drains into full perimeter gutter system.

FINISH: Surfaces shall be painted using an epoxy / urethane prime to paint system designed to withstand salt spray and freeze thaw testing.

WINDOWS: Fixed windows shall be single pane 1/8" (3.18 mm) clear tempered safety glass. Sliding windows shall have aluminum frame and 1/8" (3.18 mm) clear tempered safety glass, insect screen, and locking device. Glass shall be framed to building using steel / aluminum framing system with no exterior exposed fasteners.

DOOR: Sliding door shall be extruded aluminum frame, top hung style using an overhead track and heavy duty ball bearing nylon tires with steel hub. Door shall be supplied with mortise hook bolt lock set with removable cylinder, and aluminum threshold (steel threshold not acceptable).

ELECTRICAL: Electrical shall be wired according to N.E.C. Standards. Load center shall be a 125 amp, 120/240 volt unit with 8/16 open circuits. Wiring shall be within surface mounted EMT conduit, and included shall be (1) GFI duplex receptacle with tester.

LIGHTING: Lighting shall be a dual bulb fluorescent light.

HEAT: Heating will be wall mounted electric with fan forced operation, 1500w/5120 BTU and thermostat in an enamel coated 20 GA steel cabinet.

***Note:** specifications are generic and are typically modified depending on size and application. Actual specifications for the individual unit ordered are provided with shop drawings prior to manufacturing



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Pre-Engineered Equipment, Fueling & Security Canopies



Providing Superior Products At A Competitive Price With On-Time Delivery

- Toll Booth Plazas
- Military Entrance & Inspection Gates
- Access Control
- Municipal Garages
- Equipment Shelters / Canopies
- Vehicle Fleet & Rental Car Protection
- Gas Station Canopies
- Covered Walkways
- Stairwell Covers
- Gasoline & Diesel Fueling Islands
- Airport Covered Areas
- Heavy Equipment / Farm Protection



Canopies

ENTRANCE GATE SECURITY & ID CHECK POINTS:

Our product line offers high quality pre-engineered steel canopies for controlling access control at entrance gates for a variety of facilities. Typical uses may include ID Checkpoints, Truck Inspection Areas, and access control of traffic. Our canopies have been used in many government facilities including: The Department of Defense, municipalities, and Fortune 500 secure facilities. We can meet the requirements of the Anti-Terrorism / Force Protection requirements in UFC 4-022-01, Entry Control Facilities / Access Control Points.

A variety of designs are available with many different aesthetic looks to meet your requirements.

EQUIPMENT AND PERSONNEL LOCATIONS:

Pre-engineered steel canopies are used as an effective way to provide an appealing protected area for people, equipment, and vehicles. Typical uses may include Municipal Fueling Locations, Toll Booth Protection, Vehicle Fleet Areas, Covered Walkways, and Gas Stations. Our canopies are sized specifically for what your needs are with little or no limits when it comes to height, spacing of columns, or type of decorative finish.

OUR COMPLETE LINE OF STEEL CANOPIES ARE MANUFACTURED WITH:

- ASTM round or square columns
- Maintenance free ACM fascia and column wraps
- Cross beams and roof purlins
- Wide flange girders for larger clear span areas
- Interlocking deck pans
- Optional standing seam gable and hip roof assemblies (metal or wood)
- Drainage systems including the use of internal or external drains and gutters
- Internal electrical access conduits
- Lighting (underneath or exterior fascia)
- Optional sign brackets / posts if required
- Optional design to include uneven terrain or footer elevations
- Optional side / end walls (steel, aluminum, or glass)
- Concealed Footers / Columns or Surface Mounting

WITH EVERY CANOPY WE SELL WE INCLUDE THE FOLLOWING:

- Professional Engineered (PE) Stamped Drawings
- Wind Load Calculations (Hurricane Rated If Required)
- Anchor Bolt Template & Minimum Footing Design
- Anchor Bolts
- An optional quote for "turn-key" installation at your site



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800/393-9400

**BULLET
RESISTANT**

SheltersDirect

"first choice"

Bullet Resistant Guard Booths & Enclosures



GSA

Contract Holder

Providing Superior Products At A Competitive Price With On-Time Delivery

- Military Entrance & Inspection Gates
- Access Control Locations
- Chemical, Utility, and Nuclear Plants
- Government Buildings & Facilities
- Casino Gaming Facilities
- Telecommunication Sites
- Gas Station Kiosks
- Airport Security Enclosures
- Parking Booths
- Cashier & Ticket Booths
- Highway Toll Booths
- Check Cashing Enclosures



Contract Holder

BULLET RESISTANT



UL (Underwriters Laboratories) 752 Bullet Resistant Ratings:

Rating	Ammunition	Weight (grains)	Weight (grams)	min fps	max fps	Number of shots
Level 1	9mm Full Metal Copper Jacket with Lead Core	124	8	1175	1293	3
Level 2	.357 Magnum Jacketed Lead Soft Point	158	10.2	1250	1375	3
Level 3	.44 Magnum Lead Semi-Wadcutter Gas Checked	240	15.6	1350	1485	3
Level 4	.30 Caliber Rifle Lead Core Soft Point (.30-06 Caliber)	180	11.7	2540	2794	1
Level 5	7.62mm Rifle Lead Core Full Metal Copper Jacket Military Ball (.308 Caliber)	150	9.7	2750	3025	1
Level 6	9mm Full Metal Copper Jacket with Lead Core	124	8	1400	1540	5
Level 7	5.56mm Rifle Full Metal Copper Jacket with Lead Core (.223 Caliber)	55	3.56	3080	3383	5
Level 8	7.62mm Rifle Lead Core Full Metal Copper Jacket Military Ball (.308 Caliber)	150	9.7	2750	3025	5
Shotgun	12-Gauge Rifled Lead Slug	1 oz.	28.3	1585	1744	3
	12-Gauge 00 Buckshot (12 pellets)	1.5 oz.	42	1200	1320	3

National Institute of Justice (NIJ) 018.01 Ballistic Ratings

Threat Level Rating	Ammunition	Weight (grains)	Weight (grams)	Min/Max (meters/sec)	Min/Max (feet/sec)	Number of shots
Level I	.22 long rifle high velocity lead	40	2.6	320 +/- 12	1050 +/- 40	5
Level I	.38 special round nose lead	158	10.2	259 +/- 15	850 +/- 50	5
Level II	.357 mag. jacketed soft point	158	10.2	425 +/- 15	1395 +/- 50	5
Level II	9mm full metal jacket	124	8	358 +/- 12	1175 +/- 40	5
Level IIA	.357 mag. jacketed soft point	158	10.2	381 +/- 15	1250 +/- 50	5
Level IIA	9mm full metal jacket	124	8	332 +/- 12	1090 +/- 40	5
Level III	7.62mm (.308 Winchester) full metal jacket	150	9.7	838 +/- 15	2750 +/- 50	5
Level IIIA	.44 mag. lead semi-wadcutter gas checked	240	15.55	426 +/- 15	1400 +/- 50	5
Level IIIA	9 mm full metal jacket	124	8	426 +/- 15	1400 +/- 50	5
Level IV	.30-06 armor piercing	166	10.8	868 +/- 15	2850 +/- 50	1

OPTIONS

STRUCTURAL FEATURES & OPTIONS:

- Bullet Resistant Walls, Floors & Ceilings
- Swing and/or Sliding Doors (full glass, half glass, vision panel, or solid without glass)
- Heavy Duty Door Closers and Hinges
- Automatic Door Openers
- Panic Bar Exit Devices
- Many different locking mechanisms
- Gun Ports
- Pass Thru Compartments
- Built In Restroom Facilities (ADA Compliant)
- Raised / Elevated Platforms

GLAZING FEATURES & OPTIONS:

- Laminated Bullet Resistant Glass
- Polycarbonate Bullet Resistant Glass
- Fixed and Operable Windows
- Tinted Glass
- Reflective Glass Film

HVAC & ELECTRICAL FEATURES & OPTIONS:

- Properly Sized HVAC (roof mount, thru wall, packaged systems)
- Bullet Resistant Air Conditioner Shrouds
- Forced Air & Infrared Heating (interior and exterior)
- Exhaust Fans
- Factory Wired Load Centers
- Exterior Mounted Generator Flanged Power Adapter
- Provisions For Security Equipment
- Exterior Mounted Security & Flood Lights
- Thru Wall Intercom Devices

OTHER ITEMS:

- Professional Engineered (PE) Stamped Drawings
- 3rd Party Approvals
- Bullet Resistant Certifications
- Brick and Stone Coping Preparation
- Custom Cabinet & Casework
- Portable Trailers (with & without a generator)



TYPICAL BUILDING SIZES

OTHER SIZES AVAILABLE UPON REQUEST

3x4

4x4

4x5

4x6

4x7

4x8

4x10

5x5

5x6

5x7

5x8

5x9

5x10

5.5x7.5

6x6

6x8

6x10

6x12

8x8

8x10

8x12

8x14

8x16

10x10

10x12

10x14

10x16

12X12

12X14

12X16

ADA compliant available upon request



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**PORTABLE
BOOTH**

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Prefabricated Aluminum & Steel Portable Buildings



GSA

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Providing Superior Products At A Competitive Price With On-Time Delivery

- Military Entrance & Inspection Gates
- Access Control Locations
- Chemical, Utility, and Nuclear Plants
- Government Buildings & Facilities
- Cashier & Ticket Booths
- Parking Booths



TRAILER FEATURES

HIGHWAY LIGHTING KIT
LIGHTS CONNECTED TO A WIRING HARNESS
UL DOT APPROVED DECALS
2" BALL A-FRAME COUPLER
A-FRAME JACK

(2) SAFETY CHAINS
(4) CORNER LEVELING JACKS
REAR ACCESS SIDE RAILING
LOAD RATING PER REQUIREMENTS (SINGLE &

DIAMOND TREAD PLATE FLOORING FOR NON-SLIP FOOTING
PINTLE OR BALL HITCHES
FLANGED POWER OUTLETS AND/OR TRANSFER SWITCHES

OPTIONS

GENERATOR • POWER INLET • SECURITY LIGHTING • UL 752 BULLET RESISTANT MODEL

STANDARD BUILDING SPECIFICATIONS

ALUMINUM BUILDINGS

Pre-assemble building fabricated from low maintenance, lightweight corrosive resistant aluminum (factory fabricated). Building exterior shall have no exposed fasteners. Width and Length as stated above - with a 90 - 93" nominal outside height. Interior dimension from floor to ceiling shall be 83" (2108.2 mm).

FRAME CONSTRUCTION: Provide structural framing of 6063-T5 aluminum alloy extrusions. Connections shall be fastened internally to framing systems using mechanical fasteners or MIG welded where necessary. Exposed fasteners on framing system are not acceptable.

BASE / FLOOR: Building to typically be constructed on a 4" galvanized mechanical tube frame (when required). Floor assembly to be comprised of 3/16" aluminum tread plate finished floor.

LOWER WALL PANEL: Exterior shall be .032 aluminum, 3" (76.2 mm) expanded polystyrene insulation (R-12) and .032 interior aluminum. Overall thickness of panel shall be 3" (76.2 mm).

CEILING: Interior ceiling shall be foam core panel system providing smooth flat interior, constructed from 24 GA, pre-finished white steel with expanded polystyrene core.

ROOF: Constructed using galvanized 20/24 GA, G-60 interlocking pan sections. Sections are 3" (76.2 mm) high varying widths able to support

minimum of 40 psf (1915 Pa) live load. Roof drains into full perimeter gutter system.

WINDOWS: Fixed windows shall be single pane 1/8" (3.18 mm) clear tempered safety glass. Sliding windows shall have aluminum frame and 1/8" (3.18 mm) clear tempered safety glass, insect screen, and locking device. Glass shall be glazed within wall system extrusions and not fastened to exterior wall. Glass sealed with concealed gasket system.

DOOR: Sliding door shall be extruded aluminum frame, top hung style using an overhead track and heavy duty ball bearing nylon tires with steel hub. Door shall be supplied with mortise hook bolt lock set with removable cylinder.

ELECTRICAL: Electrical shall be wired according to N.E.C. Standards. Load center shall be a 125 amp, 120/240 volt unit with 8/16 open circuits. Wiring shall be within surface mounted EMT conduit, and included shall be (1) GFI duplex receptacle with tester.

LIGHTING: Lighting shall be a dual bulb fluorescent light.

HEAT: Heating shall be wall mounted electric with fan forced operation, 1500w/5120 BTU thermostat in an enamel coated 20 GA steel cabinet.

***Note:** specifications are generic and are typically modified depending on size and application. Actual specifications for the individual unit ordered are provided with shop drawings prior to manufacturing

TYPICAL BUILDING SIZES

OTHER SIZES
AVAILABLE UPON REQUEST

3X4

4X4

4X5

4X6

4X7

4X8

4X10

5X5

5X6

5X7

5X8

5X9

5X10

5.5X7.5

6X6

6X8

6X10

STEEL BUILDINGS

GENERAL: Pre-assemble building of steel construction.

DIMENSIONS: Width and Length as stated above - having a 96" (2438.4 mm) nominal outside height.

FRAME CONSTRUCTION: Framing shall be 14 GA (1.78 mm) or heavier mechanical tube. All joints shall be MIG welded.

BASE / FLOOR: Building to typically be constructed on a 4" galvanized mechanical tube frame (when required). Floor assembly to be comprised of 3/16" aluminum tread plate finished floor.

WALL PANELS: Wall panels shall be 14 GA exterior, 2" (50.8 mm) or 3" (76.2 mm) depending on wall thickness, E.P.S. insulation (2" - R-10, 3" - R-12), and a 18 GA inside face. Panels shall be galvanized and shall be MIG welded into place.

CEILING: Interior ceiling shall be foam core panel system providing smooth flat interior, constructed from 24 GA pre-finished white steel with expanded polystyrene core.

ROOF: Constructed using galvanized 20/24 GA, G-60 interlocking pan sections. Sections are 3" (76.2 mm) high varying widths able to support minimum of 40 psf (1915 Pa) live load. Roof drains into full perimeter gutter system.

FINISH: Surfaces shall be painted using an epoxy / urethane prime to paint system designed to withstand salt spray and freeze thaw testing.

WINDOWS: Fixed windows shall be single pane 1/8" (3.18 mm) clear tempered safety glass. Sliding windows shall have aluminum frame and 1/8" (3.18 mm) clear tempered safety glass, insect screen, and locking device. Glass shall be framed to building using steel / aluminum framing system with no exterior exposed fasteners.

DOOR: Sliding door shall be extruded aluminum frame, top hung style using an overhead track and heavy duty ball bearing nylon tires with steel hub. Door shall be supplied with mortise hook bolt lock set with removable cylinder, and aluminum threshold (steel threshold not acceptable).

ELECTRICAL: Electrical shall be wired according to N.E.C. Standards. Load center shall be a 125 amp, 120/240 volt unit with 8/16 open circuits. Wiring shall be within surface mounted EMT conduit, and included shall be (1) GFI duplex receptacle with tester.

LIGHTING: Lighting shall be a dual bulb fluorescent light.

HEAT: Heating will be wall mounted electric with fan forced operation, 1500w/5120 BTU and thermostat in an enamel coated 20 GA steel cabinet.

***Note:** specifications are generic and are typically modified depending on size and application. Actual specifications for the individual unit ordered are provided with shop drawings prior to manufacturing



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ELECTRICITY
WINDOWS

STANDARD BUILDING SPECIFICATIONS

ALUMINUM BUILDINGS

Pre-assemble building fabricated from low maintenance, lightweight corrosive resistant aluminum (factory fabricated). Building exterior shall have no exposed fasteners. Width and Length as stated above - with a 90 - 93" nominal outside height. Interior dimension from floor to ceiling shall be 83" (2108.2 mm).

FRAME CONSTRUCTION: Provide structural framing of 6063-T5 aluminum alloy extrusions. Connections shall be fastened internally to framing systems using mechanical fasteners or MIG welded where necessary. Exposed fasteners on framing system are not acceptable.

LOWER WALL PANEL: Exterior shall be .032 aluminum, 3" (76.2 mm) expanded polystyrene insulation (R-12) and .032 interior aluminum. Overall thickness of panel shall be 3" (76.2 mm).

CEILING: Interior ceiling shall be foam core panel system providing smooth flat interior, constructed from 24 GA, pre-finished white steel with expanded polystyrene core.

ROOF: Constructed using galvanized 20/24 GA, G-60 interlocking pan sections. Sections are 3" (76.2 mm) high varying widths able to support minimum of 40 psf (1915 Pa) live load. Roof drains into full perimeter gutter system.

DOOR: Sliding door shall be extruded aluminum frame, top hung style using an overhead track and heavy duty ball bearing nylon tires with steel hub. Door shall be supplied with mortise hook bolt lock set with removable cylinder.

ELECTRICAL: Electrical shall be wired according to N.E.C. Standards. Load center shall be a 125 amp, 120/240 volt unit with 8/16 open circuits. Wiring shall be within surface mounted EMT conduit, and included shall be (1) GFI duplex receptacle with tester.

LIGHTING: Lighting shall be a dual bulb fluorescent light.

HEAT: Heating shall be wall mounted electric with fan forced operation, 1500w/5120 BTU thermostat in an enamel coated 20 GA steel cabinet.

TYPICAL BUILDING SIZES

OTHER SIZES AVAILABLE UPON REQUEST

3X4	6X8
4X4	6X10
4X5	6X12
4X6	8X8
4X7	8X10
4X8	8X12
4X10	8X14
5X5	8X16
5X6	10X10
5X7	10X12
5X8	10X14
5X9	10X16
5X10	12X12
5.5X7.5	12X14
6X6	12X16

STEEL BUILDINGS

GENERAL: Pre-assemble building of steel construction.

DIMENSIONS: Width and Length as stated above - having a 96" (2438.4 mm) nominal outside height.

FRAME CONSTRUCTION: Framing shall be 14 GA (1.78 mm) or heavier mechanical tube. All joints shall be MIG welded.

WALL PANELS: Wall panels shall be 14 GA exterior, 2" (50.8 mm) or 3" (76.2 mm) depending on wall thickness, E.P.S. insulation (2" - R-10, 3" - R-12), and a 18 GA inside face. Panels shall be galvanized and shall be MIG welded into place.

CEILING: Interior ceiling shall be foam core panel system providing smooth flat interior, constructed from 24 GA pre-finished white steel with expanded polystyrene core.

ROOF: Constructed using galvanized 20/24 GA, G-60 interlocking pan sections. Sections are 3" (76.2 mm) high varying widths able to support minimum of 40 psf (1915 Pa) live load. Roof drains into full perimeter gutter system.

***Note:** specifications are generic and are typically modified depending on size and application. Actual specifications for the individual unit ordered are provided with shop drawings prior to manufacturing

FINISH: Surfaces shall be painted using an epoxy / urethane prime to paint system designed to withstand salt spray and freeze thaw testing.

DOOR: Sliding door shall be extruded aluminum frame, top hung style using an overhead track and heavy duty ball bearing nylon tires with steel hub. Door shall be supplied with mortise hook bolt lock set with removable cylinder, and aluminum threshold (steel threshold not acceptable).

ELECTRICAL: Electrical shall be wired according to N.E.C. Standards. Load center shall be a 125 amp, 120/240 volt unit with 8/16 open circuits. Wiring shall be within surface mounted EMT conduit, and included shall be (1) GFI duplex receptacle with tester.

LIGHTING: Lighting shall be a dual bulb fluorescent light.

HEAT: Heating will be wall mounted electric with fan forced operation, 1500w/5120 BTU and thermostat in an enamel coated 20 GA steel cabinet.

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- Permit acquisition assistance
- Erection of shelters and canopies
- Unloading & Anchoring
- Custom Rigging
- HVAC Calculations & Installation
- Commissioning & Start-Up

SITE WORK CAPABILITIES:

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