

OFERTE BISERICA TEMPORARA
Technical Analyses

Vanguard Modular	ModSpace	Mobile Modular
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42' x 60' Modular Assembly Building

MD Engineered Building Drawings, PE
 Confirm drawing availability
 MD Foundation Drawings/Stamped
 Confirm drawing availability

CODES

State Codes – MD
 Business Use – Assembly A-3

FRAMES

Outrigger
 Height – 14'-10"

FLOORS

Floor decking – 5/8" sturdifloor plywood
 Tile in restrooms, coat room, entrance way and hallway

42' x 60' Modular Assembly Building

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 MD Foundation Drawings/Stamped
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CODES

1 IBC Coded
 1 Assembly Occupancy
 1 State Labels:MD
 1 130 Mph Wind Load
 180 Ground Snow Load 30 PSF
 1 Floor Live Load 50 PSF (Business)
 180 Floor Live Load 100 PSF

FRAMES

3 Detachable Hitch
 6 12 in I-Beam
 3 Outrigger Frame
 3 95 1/2" I Beam Spacing
 3 Std. Axles As Required

3 Select Tires
 3 Tie Down Clips

FLOORS

2520 Woven Nylon Impregnated Bottom Board
 180 2x8 Floor Joist 16" O.C.
 2520 Decking 5/8 Sturdifloor Plywood
 3 Hold Decking Back 5" on Each Side the Mate-Line
 0 VCT 1/8" Block Tile (12" x 12")

42' x 60' Modular Assembly Building

MD Engineered Building Drawings, PE
 Confirm drawing availability
 MD Foundation Drawings/Stamped
 Confirm drawing availability

CODES

IBC/MD
 Occupancy: Assembly
 Destination: 3 Maryland
 130 MPH Wind Speed
 Snow Load Only as Required
 Roof Load Only as Required

FRAME/CHASSIS:

Hitches are Detachable
 I-Beam Will Be Sized As Required
 180 96" On Center outriggers (UT14)
 180 (UT14-5460) Outrigger with 95.5" I-Beam Spacing
 Axle Quantity Will Be Calculated As Required
 (Recycled axles, an option for new axles is available upon request)
 Select Tires
 (An option for new tires is available upon request)

FLOOR SECTION:

Bottom Board Material Has Nylon Impregnation
 2" x 8" Floor Joist @ 16" O.C.
 Standard Plywood Floor Sheath/Decking {5/8" T & G}
 VCT {Vinyl Composite Tile} Installed Per The Print

Carpet in balance of building

WALLS & PARTITIONS

Walls 9' high

Walls – 5/8" Vinyl Gypsum

Cove base throughout

1 Hr. Fire Rating in designated areas

Furnishings – Coat closet with tri-fold doors; storage room with mop sink and water heater

INTERIOR DOORS

(4) 36" x 80" 20 minute (fire rated)

(2) 36" x 80" hollow core

ROOF

CEILING

9' high

Sea spray (fire rated in corridors)

PLUMBING

see diagram

Installed in Restrooms only

2520 Carpet - 20oz -15', Olefin Level Loop

WALLS & PARTITIONS

246 Wall Height 8'-0"

252 Double Top Plate

204 2" x 4" Exterior Walls (Studs 16" O.C.)

42 2" x 4" Interior Walls (Studs 16" O.C.)

48 Double Mateline Walls

288 Standard Trim

288 1/2" Vinyl Covered Gypsum

288 4" Vinyl Base Cove

INTERIOR DOORS

3 36"x 80"(S.C.) Imp Oak W/ Steel Rediframe

1 72"x80" (S.C.) Imperial Oak W/ Steel Rediframe

5 Passage / Privacy Lever Hdwe. (RR Std)

5 Floor Mounted Door Stops

ROOF

180 Truss Type - Transverse

180 Truss Spacing - 24" OC

2520 Roof Sheathing - FR 7/16" OSB Decking

2520 Roof Cover 45 Mil.Bl.Rubber

120 9" Black Peel & Stick Mate-Line Tape

3 Hurricane Straps (Side Only)

3 Attic Ventilation as Required

160 3 - Layer - 24" x 3/4" Struct 1 Ridgebeam

1 Support Post (As Required)

1 Mate-Beams Maximum Span 29.2ft

CEILING

1 Finished Ceiling Height 8'-0" AFF

2520 C-Spray

PLUMBING

2 Single Restroom, Handicap Accessible

Manufacturer's standard is "Armstrong" brand VCT.

Bare Floor - Floor Covering/Finish Is By Others

WALL SECTION:

164 Interior Wall Height: 9'0"

1 Double Top-Plate On Exterior Walls

204 2" x 6" Exterior Wall Height: 9'

Double Mate-Line Walls Constructed Per The Print

Interior Trim Package: Standard Battens

5/8" VCG (Type "X" Gypsum)

474 4" VCB (Vinyl Cove Base)

INTERIOR DOORS SECTION:

7 36" x 80" Painted H.C. 6-Panel Door w/ Steel Jamb

72" x 80" Painted H.C. 6-Panel Door w/ Steel Jamb with floor right side active

Door Frame Will Be Painted The Standard Finish Color (Bror 7 Passage Locks

2 Push / Pull Hardware - Located @ restrooms

{Includes Timely or Redi-Frames, Lever; Unless Otherwise N

ROOF/CEILING SECTION:

1 Truss Spacing @ 24" O.C.

(UT14w) Box Truss (Double Or Single Box Peak)

7/16" x 4 x 8 EPDM underlayment

Roof Covering: 45 mil. Black EPDM

9"peel & stick Black mate-line tape

HURRICANE STRAPS NOT INSTALLED

2 Power Gable Vent with Passive Gable Vent

20 1 layer 1-3/4" x 23-7/8" 2.0 - LVL Beam

{This Beam Will Be Constructed From 1-Layer Of 1-3/4" - 2.0 Beam Installed as Required And Fastened as Per Approved

Fastening Schedule}

60 Steel Clear Span Beams

1 No Overhang/Projection on the Roof

CEILING

Ceiling Finish Is 9'0" Above Finished Floor

1/2" Pre-Finished Sea-Spray Ceiling (Doublewide)

PLUMBING SECTION:

2 Restroom Description: Multi-Station

1 Supply Lines - CPVC
1 Waste Pipe-PVC (Stub out only- below Fixture)
1 All Waste Line- Manifold On-Site by Others
2 Lavatory, Wall Mount W/ Mirror
2 Mirror - W/Stainless Steel Frame
2 Vinyl - Anti-Scald Cover for Trap & Supply
2 Handicap Toilet - with Grab Bars
2 Toilet Tissue Holder - Single Roll (Bobrick B-264)
1 Eemax/Chronomite

Supply Lines Are CPVC
Drain/Waste Lines Are PVC
All Manifolding Is Done On-Site By Others
2 Standard Lavatory (Wall Mount Type) with Faucet&mirror
2 Handicap Sink Protection - Sock for P-trap
2 Delta faucet
2 Water Closet Type: HC Accessible W/ Std. Grab Bars
{Includes a Standard Toilet Paper Holder}
1 Water Closet Type: Standard Elongated
{Includes a Standard Toilet Paper Holder}
1 Standard Urinal
1 6 Gallon Water Heater
3 Water Closet Modesty Partition Descrip.: Steel
1 PVC Utility Sink With Legs & STD Faucet
1 Hi-Lo Water Cooler {Handicap accessible}

ELECTRICAL

3 125 amp single phase
35 Fluorescent lights
9 occupancy sensors, 3-dual remote emergency lights; (3)
3-dual remote emergency lights

ELECTRICAL

3 125 Amp Single Phase Interior Panel Box
35 2-32 Flour Light- Surface Mt w/ T-8 Bulbs
5 Occupancy Sensor -Interior Lights
3 Porch Lights - Photo Cell
3 Em / Exit Light w/Remote Head (As Required)
6 2"x4" Blank J Box w/ 3/4 EMT Stub @16" A.F.F.
2 Bathroom Vent/Light Combo
1 Romex Wiring Per Code (Std)
1 Receptacles per print
2 Receptacles - GFI Protected
2 Receptacles - Exterior GFI Protected
1 Heat Tape Receptacle-GFI

ELECTRICAL SECTION:

3 Panel Type: Standard 150 AMP 240V
39 Standard Surface Mounted 232 Fluorescent Lights
8 OCCUPANCY SENSOR
5 Standard 60 Watt Porch Light With Photo-Cell
4 Combo Dual Head Emergency Light / Exit Sign
15 2" x 4" Junction Box With 1/2" Conduit (Standard)
2 Combination- 100CFM Exhaust Fan With 60 Watt Light
Standard Race-Way: 12-2 Romex Wiring
110 Volt Receptacles @ Approximately 12' O.C.
3 GFI Receptacles As Required (See Prnt)
2 Exterior Use GFI With Weather-Proof Cover

HVAC

Plenum wall for noise reduction
3 3-ton units, programmable thermostat
3 programmable thermostat

HVAC

42 Plenum Wall
3 3 Ton HVAC (Wall Mounted)
3 15 KW Heat Strip
3 Standard Manual Thermostat
150 Fiberglass Supply Duct
130 Fiberglass Return Duct

HVAC SECTION

42 Plenum / Chase Wall Per The Print
3 3 Ton Wall Mounted Unit With 10kw Heat Strip
3 10kw Heat Strip
3 Digital Thermostat
168 Linear Feet of Fiberglass Supply Duct with Grilles
150 Linear Feet of Fiberglass Return Duct with Grilles
3 CRV Device To Be Installed In Wall Mounted Unit
DEHUMIDIFICATION NOT INCLUDED:

EXTERIOR

Hardi Stucco

Roof – Transverse, Rubber, Overhangs – 6" on ends, 2" o
Mansard - False

EXTERIOR

204 Hardipanel (Stucco) Exterior Siding
204 Moisture Resist House Wrap-Full Perimeter
204 7/16 OSB Sheathing
204 20"- 24"Hardipanel Mans.to Follow Roofline

EXTERIOR SECTION:

Sierra Style Hardi Panel Siding (Doublewide)-{Hardi Panel Tr
Standard House Wrap Installed 100% (installed right side up)
Sheathing Installed As Per Applicable Requirements
204 Sierra Hardi Mansard ****False Mansard****

Skirting to match exterior finish
204 Skirting Based on 36' Average Height
204 Hardipanel Skirting

WINDOWS

Alter – (5) 30" x 53" vertical sliders
Conf Room 24"x54" and (2) near front entrance near restr

Windows – Qty. of 9 with mini blinds

WINDOWS

4 24 x 54 V/S Insulated B/ Tinted
5 36 x 54 V/S Insulated B/ Tinted

9 Vinyl Mini Blinds

EXTERIOR DOORS

Doors – Double Glass Storefront
(2) Steel/Steel with half glass – steel jambs with panic handle
Doors – Solid Core with Grade 2 hardware
(2) 72" x 80" 20 minute (fire rated) with self-closing hinges

EXTERIOR DOORS

1 36 x 80 ST/ST 4X24" VB
1 72x80 ST/ST 4X24" V/B
3 Panic for Steel Doors
3 Closer

INSULATION

OPTIONS

T-Grid ceiling
Aluminum gutters & downspouts

Exclusions

- X = Excluded
- X 1. Impact fees
- X 2. All applicable taxes (sales, property & use)
- X 3. Bonding
- X 4. Special insurance
- X 5. Cranes and additional spotting apparatus
- X 6. Fire suppression system
- X 7. Site security (unless otherwise stated)
- X 8. Landscaping, irrigation, paving, walkways, curbing, and site restoration
- X 9. Tap fees and lift station (if required)
- X 10. Exterior fire rating

INSULATION

2520 R-30 Floor Insulation
204 R-13 Exterior Wall
2520 R-38 Ceiling
130 R-11 Interior Walls

OPTIONAL ITEMS

1 Optional Item, (Not in Quote Price) #1
T-Grid Ceilings ADD+\$13,375
1 Optional Item, (Not in quote price) #2
9ft Ceilings AD+\$1125

Clarifications

- 1 No signage is included in this quotation.
- 1 No Implied Specifications
- 1 ModSpace Doesn't Accept Any Responsibility For
- 1 Site Work or Site Conditions
- 1 Quote is Based on Modular Building Being a Min of 30'-1" From Other Buildings & 15'-0" From Lot Line
- 1 This Quotation is Only Valid for 30 Days; From the Date of Original Quotation.
- 1 This Quotation is Based on the Modular Building Being Located Outside the Fire Zone / Limits
- 1 ModSpace is Not Responsible for Overheight Units
- 1 ModSpace, is Not Responsible For Local Codes
- 1 Speciality Items May Require Extra Time & Pricing
- 1 ModSpace Assumes No Liquidated Damages

WINDOWS SECTION:

5 Special Item: 36"x36" fixed interior Window
6 36x60 VS Bronze Metal Frame & Low E Ins Glass
Vertical Sliding Tinted Insulated (Egress)

EXTERIOR DOORS:

3 36"x80" Steel/ Steel Exterior Door w/ 6"x30" VB
1 72"x84" Store Front Door Brnz.Frame Brnz. Glass
**** Site Installed by customer & not the factory ****
3 Standard Lever
3 Standard Closure

INSULATION SECTION:

2520 Floor Includes R-30 KRAFT
1836 Exterior Wall Includes R -19 KRAFT (requires 2"x6" ext
2520 Roof Includes R-49 KRAFT
1080 R-11 Sound Reduction Batts In All Interior Walls

11. Architect and engineering fees	1 Shipping Dates are Based on a Timely Reception of Color Selection, Sign-Off's, and Purchase Order
X 12. Rock removal	1 Module Dimensions are to the Outside face of the Wall Framing. Projections & Thickness of Sheathing
X 13. Off-site spoilage removal	1 Siding are Not Included in the Size of the Unit
X 14. Site utilities and connections to modular building ⊕ includes electric, gas, water, and sewer or septic	1 Allow Approx. 1" per Mate-Line for Mate-up Growth
X 15. Communications services and connection ⊕ including but not limited to telephone, data, intercom, intrusion alarm, smoke & fire alarm	1 Drinking Water, if Not Included, is the Responsibility of customer
X 16. Lightning protection	1 Occupant Load of this Unit is Determined by the Amount of Fresh Air Provided by the HVAC System Specified for this Unit
X 17. Temporary access roads and walkways	1 High Wind Protection,if not Noted in Quotation,is the Responsibility of the Customer
X 18. Removal, repair, and/or replacement of obstructing fences, walls or gates	1 All Material and Construction Methods are industry Std. unless Otherwise Specified.
X 19. Temporary electric and water (contractor will supply power source for own tools and equipment)	1 This Quotation Includes No Appliances or Furniture
X 20. Portable toilets	1 No Warranty Outside Continental U.S.
X 21. Laboratory and field testing of materials	1 Storefront Door & Window Must Have Site Installed
X 22. Dedicated full-time site supervisory personnel (foreman will supervise work unless other provisions are required per the contract)	1 Protection From Elements to be Warranted
X 23. Costs associated with easement(s)	1 Unless Otherwise Stated DBI Standard Submittals and Submittal Processes are Quoted.
Site Requirements	1 T-Grid Ceiling is 7" Lower Than Wall Height
X = Applicable	1 Any Lift Setting of Unit Requires Advanced Factory Approval or Warranty Could be Voided
X 1. No provisions allowed for obstructions below grade. If encountered, they would be a change order to the contract at an additional charge	1 Areas with a (5/8 Gyp & Drop Ceiling) will have a 6" Lower Finished Ceiling than Adjacent Areas
X 2. The site must be level, dewatered, and accessible by truck with adequate turning radius and clearance from road to the site for delivery	1 Extensions for Downspout, and Splash blocks are are Not Included in this Quotation, they must be provided and installed on-site by the customer.
X 3. Assumes site with 2,000 psf soil bearing capacity, bearing tests to be provided by Customer	1 Building Layout & Specifications are Subject to Third Party Review /Approval (Any Required Changes may Result in a Price Increase)
X 4. All site plans and surveys to be provided by Customer	1 All Alarms are provided on-site by others & Installed on-site by other
X 5. All underground utilities are to be clearly marked and flagged	1 Hi-Impact Windows / Doors are Not Included in this Quotation, please check with the Local Authorities
X 6. Customer is responsible for obtaining and the cost of all permits, licenses, and Certificate of Occupancy	

X 7. Due to volatility in fuel prices delivery charges are subject to a fuel surcharge.

X 8. Staging area adjacent to installation site, including any site improvements required to make it usable, by Customer

X 9. Where applicable, wheels and axles will remain on module(s), but may be removed and stored under for an additional fee

X 10. Site preparation by Customer

11. Building removal, return delivery, and site restoration will be billed at non prevailing wage rates

X 12. Main electrical service to building panels by Customer

X 13. Customer is solely responsible to inform VMBS if site location is in a flood or fire zone

X 14. Customer is responsible for building maintenance