



MODULAR GENIUS, INC.
888-420-1113
www.modulargenius.com

SMART BUILDING SPACE PLANNER

DRAWING NUMBER:
4 Room ManCamp

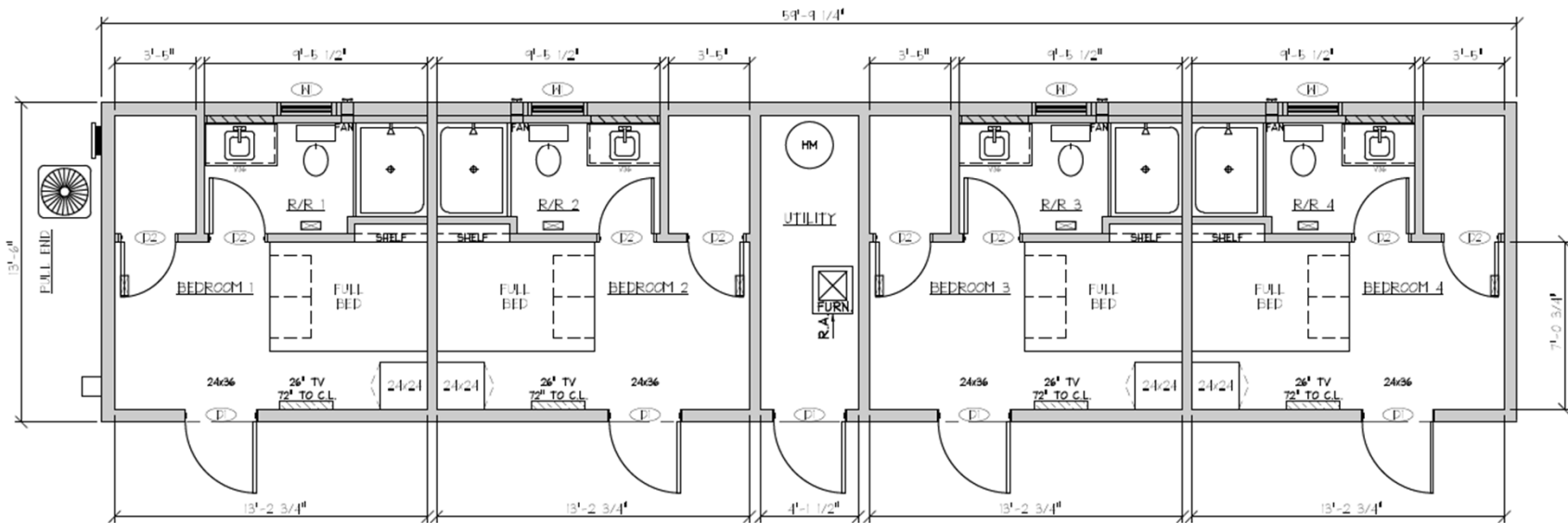
SQUARE FOOTAGE:
840 Sq. Ft.

BUILDING SIZE:
14'-0" x 60'-0"

BUILDING USE:
Living/Sleeping Qtrs

DOOR SCHEDULE		
DOOR	DESCRIPTION	ROUGH OPENING
(E)	36x80 EXTERIOR DOOR	36-1/2" x 80-1/2"
(I2)	30x77 INTERIOR DOOR	30-1/4" x 79"

WINDOW SCHEDULE		
WINDOW	DESCRIPTION	ROUGH OPENING
(H)	30" x 30" VERTICAL SLIDER WITH OBSCURE GLASS	30-1/2" x 29-1/2"



Layout 2 (4 Room ManCamp)



MODULAR GENIUS, INC.
888-420-1113
www.modulargenius.com

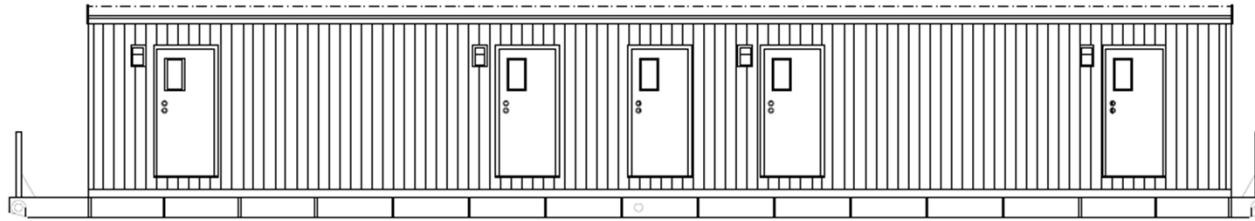
SMART BUILDING SPACE PLANNER

DRAWING NUMBER:
4 Room ManCamp

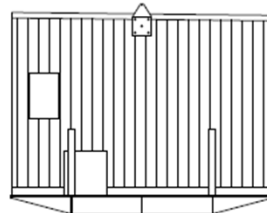
SQUARE FOOTAGE:
840 Sq. Ft.

BUILDING SIZE:
14'-0" x 60'-0"

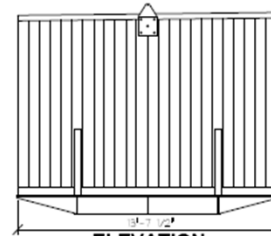
BUILDING USE:
Living/Sleeping Qtrs



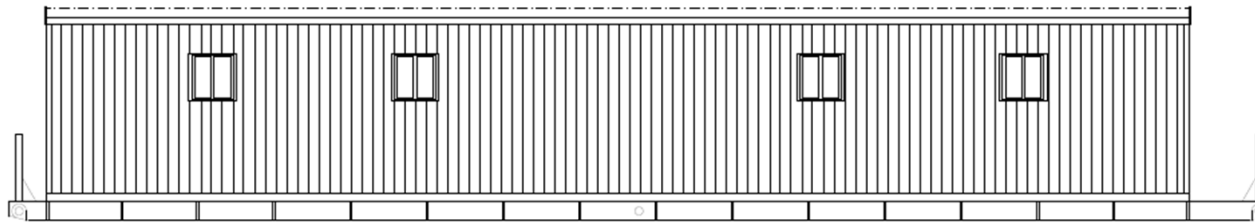
ELEVATION



ELEVATION



ELEVATION



ELEVATION

Layout 2 (4 Room ManCamp)

Layout # 2 (4 Room ManCamp) Specifications

October 5, 2011

Layout # 2 (4 Room Man Camp)
14X60 4 Bedroom Quarters

Quantity	U/M	Description
FRAME		
1	ea	14x66 Outrigger Skid Frame 12"MIB - 8" Cross (14x60) Box
1		Cable Holder
1		Steel Ladder
1		Cable / Landyard
1		Condensor Cover
5	sets	Fold Down Steps
FLOOR		
27	pcs	7/16" OSB 4x8 Under side - painted
1	pcs	176" x 61' 30 gauge galv Bottom Bd
46	pcs	2x12-14 #2 SPF Floor Joist 16"oc Cut to 156"
20	pcs	2x12-12 #2 SPF Rim Rail
4	pcs	2x12-14 #2 SPF Rim Rail
40	pcs	Hold down Plates with 2 bolts, nuts and washers (joist hold down)
690	sf	R38 Unfaced Insulation 15"
150	sf	6" Thermax under floor duct
27	pcs	5/8" 4x8 T & G plywood U/L Screwed and Glued
27	pcs	5/8" 4x8 PTS Plywood
2	pcs	Close off tape
4	ea	8" Raised Floor to RR with vent
12	ea	Qt. tubes Const. Adhesive
296	sf	12" x 12" VCT including glue
516	sf	Commercial Carpet including glue
4	ea	18x24 Floor pans by showers
5	ea	24x36 Floor pans at door entray
86	ea.	Hold down bolts/washer/nuts (rim rail to frame)
104	ea	lags (one per stud openng)
416	ea	Screws (four per stud opening)
650	lf	Foam Seal

EXTERIOR - INTERIOR WALLS

148	pcs	2x6-85 1/2" #2 SPF Ext Wall Stud 16" oc
28	pcs	2x6-87" SPF Wall Stud restroom at showers 16" oc
148	pcs	2x4-87" Interior Studs
38	pcs	2x6-14 #2 SPF Plate single bottom - double top
22	pcs	2x4-14 #2 SPF Plate single top and bottom
4	ea	Window Header
5	ea	Door Header
110	ea	Cedar Embossed Painted Panels
110	ea	1 1/2" Painted Battens
16	ea	5/8" Drywall
16	tb	Qts Const. Adhesive
1110	sf	R21 KF Exterior Wall insulation
990	sf	R11-15" UF Insulation Int Walls
152	lf	6" Vinyl Cove Base
240	lf	Pf Baseboard
56	lf	Window Jamb
56	lf	Window Casing
187	lf	Door Jamb
360	lf	Door Casing
448	lf	Crown mold
136	lf	Door stop
1184	sf	29ga Steel Low Rib Siding
4	pcs	10' O.S. Corners
32	pcs	10' - 1 1/2" x 2" Z mold (top and bottom start)
22	pcs	10' J-channel (around windows, doors, panel boxes etc)
1184	sf	House wrap
37	pcs	7/16" OSB Exterior Sheathing
0.25	ea	Foam Set (1/4 of cannister) Foam around exterior boxes
8		J-Blocks
4	ea	14x14 Access panels
32	lf	6" OS Corner Wrap (protecta tope on outside of osb sheathing
4	ea	Recess boxes for exterior lights by living quarter doors
1000	lf	Foam Seal

ROOFS

63	pcs	2x12-14 #2 SPF Tapered Rafters 12"oc 100# Load	Cut to 159"
9	pcs	2x12-12 #2 SPF Rim Joint	
840	sf	R30 KF Insulation	
1100	lf	Foam Seal	
15	pcs	1/2" 4x12 Gypsum Sea Spray to bottom of Rafters	
1	pcs	5/8" 4x14 Gypsum	
915	sf	TPO Roofing System	
27	pcs	7/16" OSB FR Roof Deck	
384	pcs	Screws and Plates	

EXTERIOR - INTERIOR DOORS

4	ea	36" x 80" Telstar Doors w/5"x20" Vision Panel with Frame
4	ea	Deadbolts with refrigerator latches
1	ea	36" x 80" Telstar Doors with Frame (Equip. room)
1	ea	Exterior Keylock (Equip. room door)
5	ea	Check Chain Heavy Duty (Tractor Supply)
24	ea	Butterfly hinges
24	ea	Door Stops
4	ea	24"x77" Restroom Door HC Panel Oak in PF Ash Frame
4	ea	Knobs Privacy)

WINDOWS

4	ea	30x30 Horizontal Vinyl Slider - Insulated with Low E Obsured Glass
9	ea	Window / Door Eyebrows

ELECTRICAL

1	ea	225. AMP Nema 3R Panel Box
1	ea	1 1/2" Service Entrance Conduit thru Wall
700	lf	12-2 MC Cable w/ground
4	ea	#4325 Seagull Exterior Light up 78" to the top
4	ea	Exit/Emergency light w/battery back-up
14	ea	20 amp recept 18" to bottom with box-plate-nuts
5	ea	20 amp GFIREcept to bottom with box-plate-nuts
4	ea	20 amp GFI recept with Weatherproof box & cover
9	ea	Single pole switch with box-cover-nuts
4	ea	Data boxes with pvc conduit thru ceiling & covers 18" to bottom
1	ea	4x4 AV box-conduit-cover

ELECTRICAL (continued)

	ea	4 11/16" Sq Box 2 1/8" Deep w/Walker DJ111WC4 cover
13	ea	12" x 48" 2T w/electronic ballast & T12 34 watt bulbs Wraps
4	ea	6" closet drum lights for closet
1	ea	30 amp Breaker Water heater with wiring
1	ea	40 amp Breaker HVAC with wiring
8	ea	20 amp Breakers
1	ea	Furnace HVAC disconnect
1	ea	Water heater disconnect
8	ea	Sconce Lights above sofa
4	ea	TV outlet duplex recept
1	ea	Cat 5 and Phone wiring
5	ea	Interconnected Smoke Detectors
1	ea	TV Coax to Front -jump to rear
4	ea	Exhaust Fans-Bath
	ea	36" TV with Mounting Brackets
4	ea	26" TV with Mounting Brackets

HVAC

1	ea	2.5 ton Cooling 17KW heat pump Closet Mt with precharge line Condenser Line hook up
55	ft	Metal Floor Duct Supply Assembly
35	ft	Metal Floor Duct Return Assembly
9	ea	Supply Floor Diffusers
5	ea	Return Air Diffuser
1	ea	T-stat (not in equipment room)

PLUMBING & ACCESSORIES

1	ea	40 gallon Electric Water Heater w /pan, die unions, pressure valve
1	ea	Vent Kit
4	ea	48" Showers with faucets,head, drains, curtain, drain,rod
1	ea	Plex Plumbing Supply w/ supplies, wastes, and shut off to fixtures
1	ea	PVC DWV manifold to (2) 3" outlets with 3" vents and roof flashing
4	ea	Elongated Water Closet Tank with Pressure Assit,Seat, Wax Ring
4	ea	37" Culture Marble Vanity Top
4	ea	Single Arm Lav Faucet w/strainer, traps
4	ea	Medicine Cabinet Top 4 lamp light bar 30"
4	ea	TP Holder

PLUMBING & ACCESSORIES (continued)

8	ea	18" Towel Bar
1	ea	heat trace kit
1	ea	3/4" Nipple with Check Valve
1	ea	Water Inlet

CABNETS-COUNTERS-FURNITURE

8	ea	Merillat FD212412 Under bed drawers Townley Oak Fawn
4	ea	36" OAK Vanity VB36 Merillat Classic Spring Valley Sq Medium Oak
4	ea	36" Medicine Cabinet
8	ea	4 Hook Coat Hooks (1) inside entry doors (1) inside closet
4	ea	24x24 Wardrobe Cabinets UC2424 Merillat Spr. Valle Sq Med. Oak
4	ea	Shelf Kit for Wardrobe SBSK24-3/4
4	ea	Full Size Bed Frames
4	ea	Pillow Top Mattresses
4	ea	Recliners
4	ea	Shelf Kit Under TV
4	ea	Fold out lights
4	ea	Recess Shelves (by beds)